Phase I Environmental Site Assessment

Assessor's Parcel Number 644-040-01
517 Shinohara Lane, Chula Vista, CA 91911

OnPoint Development
7514 Girard Avenue, Suite 1515
La Jolla, California 92037

SCS ENGINEERS

01221156.01 | July 13, 2021

8799 Balboa Avenue, Suite 290
San Diego, CA 92123
858-571-5500

July 13, 2021
Project Number: 01221156.01

Mr. Todd Dwyer
OnPoint Development
7514 Girard Avenue, Suite 1515
La Jolla, California 92037

Subject: **Phase I Environmental Site Assessment (Assessment)**

Site: **Assessor's Parcel Number (APN) 644-040-01**
517 Shinohara Lane, Chula Vista, California 91911

Dear Mr. Dwyer:

SCS Engineers (SCS) is pleased to present this report (Report) of the Assessment of the above-described Site. This Report summarizes the results of the Assessment that was conducted in order to evaluate the Site's current environmental conditions. The work described in this Report was performed by SCS in general accordance with Exhibit 01 to the Master Services Agreement (Contract) between SCS and OnPoint Development (Client). Exhibit 01 was fully executed on June 22, 2021. The Contract was fully executed on June 21, 2021.

Because your full understanding of the Assessment is important to us, SCS recommends that you read the Report in its entirety. However, if time does not allow you a complete reading, summaries may be found in text boxes at the end of each section (pages 11, 21, and 26), and our conclusions and recommendations may be found on page 26. A glossary of terms commonly used in environmental assessments is also provided in the Appendices to this Report.

SCS enjoyed working with you on this project. Providing economical environmental solutions to meet your needs is more than our goal—it is our mission and the measure of our success. If we may assist you in any way, now or in the future, please call our office at (858) 571-5500.

Sincerely,





Allison O'Neal
Staff Professional
SCS ENGINEERS

Luke Montague, MESM, PG 8071
Vice President
SCS ENGINEERS

Table of Contents

Section Page

1 Background 4
2 Standards Background 4
3 Objective 6
4 Scope of Services 6
Site Reconnaissance 6
General Information 6
Site Buildings 6
Site Grounds 7
Hazardous Materials/Petroleum Products 7
Hazardous Wastes 7
Indications of Releases of Hazardous Materials/Wastes or Petroleum Products 7
On-Site Utilities 7
Site Research 8
Department of Environmental Health (DEH) File Review 8
Review of Client-Provided Documents 8
Fire Department Records Review 9
Building Department Records Review 9
San Diego Air Pollution Control District (SDAPCD) Records Review 9
San Diego Industrial Wastewater Program (IWP) Records Review 9
Regional Water Quality Control Board (RWQCB) Records Review 9
Interviews 10
User Requirements 10
Data Gaps in Connection With Current Site Land Use 11
Topography, Geology, Hydrogeology, and Water Quality Survey 11
Topography 11
Geology 11
Hydrogeology 12
Water Quality Survey 12
Site Vicinity Reconnaissance and Off-Site Source Survey 13
Current Site Vicinity Conditions 13
Environmental Regulatory Database Report 13
Additional SCS Research 16
Brandywine Distribution Center/Tap Manufacturing LLC/Transpere, LLC/Keystone Automotive Industries/Jones, Lang, LaSalle Property Management/Lyon Technologies, 1670 & 1690 Brandywine Avenue, Adjacent to the East 16
H130637, Nypro San Diego, 505 Main Street, Adjacent to the South 19
H208691, Fuller Ford Collision Center, 515 Main Street, Adjacent to the South 20
California Division of Oil and Gas 21
Data Gaps in Connection With Off-Site Sources 21

Historical Land Use Review 22
Historical Site Land Use 23
Historical Site Vicinity Land Use 24
Historical Adjacent Agricultural 25
Data Gaps in Connection With the Historical Site Land Use 26
5 Conclusions and Recommendations 26
6 Report Usage and Future Site Conditions 27
7 Likelihood Statements 28
8 Special Contractual Conditions Between User and Environmental Professional 28
9 Endnotes 28

Figures

Figure 1 Four-Way Site Location Map
Figure 2 Site and Site Vicinity Plan
Figures 3a–3h Photographic Plates

Appendices

Glossary
Department of Environmental Health Correspondence
Client-Provided Documents
City of Chula Vista Correspondence for Fire Department and Industrial Wastewater Records
Building Department Record Correspondence
Air Pollution Control District Correspondence
Regional Water Quality Control Board Correspondence
Environmental Regulatory Database Report
Sanborn Fire Insurance Maps – No Coverage Letter
City Directories
Department of Environmental Health Correspondence for the Site Vicinity
Résumés

1 BACKGROUND

Based on conversations with OnPoint Development (Client) and a review of in-house databases, SCS Engineers (SCS) understands that 517 Shinohara Lane, Chula Vista, California 91911 (Site), consists of one approximately 9.56-acre parcel of land (Figure 1). The Site is currently a vacant and undeveloped lot. The Client is proposing to purchase the Site and develop it into an industrial building.

A review of the in-house ParcelQuest database of information from the San Diego County Assessor's Office provided the following information in connection with the Site.

APN	Address	Area	Description
644-040-01	517 Shinohara Lane	9.56 acres	Vacant

2 STANDARDS BACKGROUND

This Assessment was conducted in general accordance with the following:

- U.S. Environmental Protection Agency (EPA), 40 Code of Federal Regulations (CFR) 312, Standards and Practices for All Appropriate Inquiries; Final Rule (AAI)
- American Society for Testing and Materials (ASTM) Standard Practice for Phase I Environmental Site Assessment Process E1527-13
- The scope, conditions, and limitations of Exhibit 01

The Client understands that the above-referenced EPA and ASTM standards were not developed to identify all environmental risk to property. The standards were developed to allow a user (Client) to qualify for the innocent purchaser defense, bona fide prospective purchaser defense, and contiguous property owner defense to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, a.k.a. Superfund) liability. This Assessment is intended to constitute an appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice, as part of the due diligence process required by CERCLA, the Superfund Amendments and Reauthorization Act of 1986, and the Small Business Liability Relief and Brownfields Revitalization Act of 2002 (collectively, Acts).

While this Assessment may initially qualify the Client for a CERCLA defense, after purchase, there may be continuing obligations that must be implemented in order to preserve this defense through the term of property ownership. There may be additional requirements under state law that also apply. The Client should contact qualified legal counsel regarding matters of liability, interpretation of the Acts, and potential continuing obligations. Although it is outside the scope of this Assessment, SCS would be pleased to work with the Client's legal counsel to develop and implement a strategy to preserve the Client's CERCLA liability defenses through the term of its ownership.

This Assessment focused on potential sources of hazardous substances and petroleum products that could be considered either a recognized environmental condition,[1] controlled recognized environmental condition,[2] or historical recognized environmental condition,[3] and potentially a liability due to their presence in significant concentrations (e.g., above acceptable limits set by the federal, state, or local government) or due to the potential for exposure and risk due to contaminant migration and complete exposure pathways (e.g., soil vapor inhalation or groundwater ingestion). Materials that contain substances that are not currently deemed hazardous by the EPA or the California Environmental Protection Agency were not considered as part of this Assessment.

Unless specifically included in SCS' scope of services, building materials such as asbestos, lead-based paint, urea formaldehyde, and pressure-treated lumber, as well as lead in drinking water, are not considered in this Assessment, nor are building issues such as fire safety, indoor air quality (with the possible exception of vapor intrusion), mold, or similar matters. SCS did not evaluate the Site for compliance with land use, zoning, wetlands, or similar laws. This Assessment also excludes regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, and high-voltage power lines. This Assessment is not intended to be an environmental compliance audit.

Hazardous substances occurring naturally in plants, soils, and rocks (e.g., heavy metals, naturally occurring asbestos, and radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered, unless obvious indications suggest that hazardous substances are likely to be present in significant concentrations or likely to migrate.

An evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that included herein.

---

1 *Recognized environmental conditions*, as defined by ASTM, include 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. However, the term is not intended to include *de minimis* conditions (a condition that generally does not present a threat to human health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies). A condition considered *de minimis* is not a recognized environmental condition.

2 *Controlled recognized environmental condition*, as defined by ASTM, is a *recognized environmental condition* resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action 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 use limitations, institutional controls, or engineering controls).

3 Historical recognized environmental condition, as defined by ASTM, is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

3 OBJECTIVE

The objective of the scope of services was to assess the likelihood that recognized environmental conditions are present at the Site as a result of the current or historical Site land use or from a known and reported off-Site source.

4 SCOPE OF SERVICES

The scope of services designed and conducted to meet the objective was as follows:

- Site Reconnaissance, Site Research, Interviews, and User Requirements
- Topography, Geology, Hydrogeology, and Water Quality Survey
- Site Vicinity Reconnaissance and Off-Site Source Survey
- Historical Site and Site Vicinity Land Use Review
- Identification of Data Gaps
- Data Evaluation, Figure Preparation, and Assessment Report Preparation

SITE RECONNAISSANCE

On July 1, 2021, SCS personnel conducted a Site reconnaissance to observe and document existing Site conditions.[i] The general Site location is shown in Figure 1, and a Site and Site Vicinity Plan is shown in Figure 2. Selected color photographs of the Site and Site vicinity are presented as Figures 3a through 3h.

The Site grounds and Site perimeter were systematically traversed on foot during the Site reconnaissance. SCS personnel observed the Site features unaccompanied.

General Information

The following table summarizes general information in connection with the Site.

APN	644-040-01
Address	517 Shinohara Lane, Chula Vista, California 91911
Area	9.56 acres
Site Land Use	Vacant, undeveloped land
Occupant	None
Figure Reference	Figures 3a-1 through 3f-2

Site Buildings

No buildings were observed on Site.

Site Grounds

The Site grounds were observed to be vacant, undeveloped land (Figures 2 and 3a-1 through 3f-2). Concrete drainage channels were observed in the northeastern and east central portions of the Site (Figures 3e-1 and 3f-2). After a review of the City of Chula Vista GIS Web Map including a map of their storm drain system,[4] it does not appear that the drainage observed on Site is connected to the city's storm drain system. Small piles of household trash and wood furniture, electronics, and debris were observed in various locations on Site (Figures 2 and 3e-2).

Hazardous Materials/Petroleum Products

No obvious indications of the storage or use of hazardous materials and/or petroleum products were observed at the Site during the Site reconnaissance.

Hazardous Wastes

No obvious indications of the generation of hazardous wastes were observed at the Site during the Site reconnaissance.

Indications of Releases of Hazardous Materials/Wastes or Petroleum Products

No obvious indications were observed that a release of hazardous materials/wastes or petroleum products had occurred at the Site.

On-Site Utilities

Gas and Electricity	Reported to be San Diego Gas and Electric (SDG&E)
High-power Transmission Lines	None observed at or adjacent to the Site
Storm Drains	None observed to be located at the Site
Source of Heating and Cooling	None
Potable Water Source	None
Wastewater Conveyance	None

No SDG&E transformers were observed to be located at the Site.

No obvious indications of wells, cisterns, pits, sumps, dry wells, or bulk storage tanks were observed at the Site.

[4] https://gisweb.chulavistaca.gov/cvmapper/

SITE RESEARCH

Department of Environmental Health (DEH) File Review

A review of the September 2010 DEH Hazardous Materials Management Division (HMMD) HE-17 database of facilities storing hazardous materials, generating hazardous wastes, and discharging unauthorized releases indicated that there is no regulatory file associated with the Site. In addition, the DEH was contacted[ii] and indicated that there are no files associated with the Site.

Review of Client-Provided Documents

The Client provided a report titled *Phase I Environmental Site Assessment Report, Industrial Land, 517 Shinohara Lane, Chula Vista, CA 91911*, which was prepared by Partner Engineering and Science, Inc. (Partner) and dated January 16, 2018. This report provided the following findings, conclusions and recommendations in connection with the Site:

- "A recognized environmental condition (REC) refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

  "Based on subsurface investigations conducted at the east adjacent Brandywine Distribution Center sites, it appears that chlorinated hydrocarbons (TCE reported at concentrations of 1 µg/l to 720 µg/l) potentially originating from the up-gradient former Omar Rendering site and the Otay Landfill have impacted the groundwater at the east adjacent Brandywine Distribution Center sites, and the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The Regional Water Quality Control Board (RWQCB), the lead oversight agency, reviewed a 1996 Soil and Groundwater Investigation report for the Brandywine Distribution Center case and in a letter dated November 15, 1996, summarized that volatile organic compounds (VOC) including trichloroethene (TCE), tetrachloroethene (PCE), and methylene chloride (MEC) had been discovered at elevated concentrations in groundwater beneath the sites, but not in the unsaturated soil zone. Even though the RWQCB cited that the former Omar Rendering site and the former Otay Landfill had not been clearly identified as the sources of impacted groundwater beneath the Brandywine Distribution Center, the RWQCB appeared to concur with the consultant's findings including the determination that the source of the impact was not related to historic or present activities at the Brandywine Distribution Center but from up-gradient sources. In the 1996 letter, the RWQCB stated that No Further Action (NFA) was required and that the RWQCB did not intend to pursue regulatory action against the current or former owners of the Brandywine Distribution Center. The case was granted regulatory closure on May 3, 2017. Based on the aforementioned, the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The likely presence of subsurface contamination at the subject property is considered a recognized environmental condition.

- "This assessment has revealed evidence of recognized environmental conditions and/or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

  "The potential for vapor intrusion, from documented contaminants in up-gradient groundwater samples, should be evaluated through a limited subsurface investigation prior to development of the subject property."

SCS concurs with the above findings, which are discussed in further detail in the "Additional SCS Research" section below.

Fire Department Records Review

The City of Chula Vista Fire Department (CVFD) was contacted regarding hazardous materials/waste or UST records for the Site.[iii]

The CVFD reported that they have no records for the Site. A copy of the SDFD letter is included in the Appendices.

Building Department Records Review

Chula Vista Building Department (CVBD) records were requested for the Site. The CVBD reported that there are no records maintained for the Site. A copy of the correspondence is included in the Appendices.

San Diego Air Pollution Control District (SDAPCD) Records Review

The SDAPCD was contacted[iv] regarding records for the Site. Mr. Radley Salamat reported that no records are maintained for the Site. A copy of the correspondence is included in the Appendices.

San Diego Industrial Wastewater Program (IWP) Records Review

The IWP was contacted[v] regarding records for the Site. The IWP reported that they have no records for the Site. A copy of the IWP letter is included in the Appendices.

Regional Water Quality Control Board (RWQCB) Records Review

The San Diego RWQCB was contacted[vi] regarding records for the Site. The following table summarizes the RWQCB records provided for the Site. Copies of the records are included in the Appendices.

Year	Description	Reported Owner
1992	A Notice of Intent to comply with the terms of the general permit to discharge storm water associated with construction activity was issued	Lawrence and Stephen Cushman
2007	Notice of Termination (NOT) to the general permit to discharge storm water associated with construction activity due to completion of the construction project	Lawrence and Stephen Cushman

Year	Description	Reported Owner
2007	The RWQCB approved the NOT for the Site	Lawrence and Stephen Cushman

Based on the absence of disposal violations and the approval of the NOT there is a low likelihood that a recognized environmental condition exists at the Site in connection with the review of the RWQCB records.

INTERVIEWS

The previously referenced EPA and ASTM standards require that attempts be made to conduct interviews with past and present owners and occupants of the Site to obtain information indicating recognized environmental conditions in connection with the Site. As part of this Assessment, the following contacts were either interviewed or attempts were made to conduct interviews.

Contact	Affiliation to Site	Description	Interview Date
Ms. Sarina Davis	Current Site owner representative	Discussed below	July 6, 2021

Ms. Davis, National Director of Real Estate of Encompass Health California Real Estate, LLC, Site owner's representative who has been familiar with the Site for 2 years and 10 months, stated that, to her knowledge, hazardous materials and petroleum products were not used or stored at the Site and that hazardous wastes were not generated at the Site. Also, to her knowledge, there have been no releases of hazardous materials, petroleum products, and/or hazardous waste at the Site.

Ms. Davis stated that she was not aware of environmental cleanup liens or activity and use limitations (e.g., engineering controls, deed restrictions) that have been recorded for the Site. She was not aware of pending or threatened litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Site. She was not aware of notices from governmental entities regarding possible violations of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site.

USER REQUIREMENTS

In order to qualify for one of the landowner liability protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (discussed in the "Background" section), 40 CFR 312 requires that the user (Client) provide the following information to the environmental professional. Mr. Todd Dwyer completed the User Questionnaire on June 22, 2021. The following table summarizes the responses by the Client.

Question	Response
Have environmental cleanup liens been filed or recorded against the Site?	No
Are activity or land use limitations in place at the Site, or have they been filed or recorded in the registry?	No

Does the user have specialized knowledge or experience in connection with the Site?	No
Does the purchase price being paid for the Site reasonably reflect the fair market value of the Site?	Yes
Is the Client aware of commonly known or reasonably ascertainable information about the Site that would indicate releases or threatened releases?	No
Are there obvious indications that point to the presence of contamination at the Site?	No

DATA GAPS IN CONNECTION WITH CURRENT SITE LAND USE

Based on observations and research, and with the possible exception discussed below, there are no obvious indications of data gaps in connection with the current Site land use:

- The current Site owner did not have contact information for previous owners of the Site. Additionally, SCS was unable to find contact information for previous Site owners via online searches. Therefore, interviews were not conducted with previous Site owners. This data gap is not a significant data gap in our opinion based on the availability of other relevant information.

Findings and Opinions—Current Site Land Use
Based on observations and research, it is our opinion that there are no recognized environmental conditions at the Site as a result of the current Site land use.

TOPOGRAPHY, GEOLOGY, HYDROGEOLOGY, AND WATER QUALITY SURVEY

Topography

A topographic map for the Site vicinity was reviewed and is summarized in the following table.

Reported Elevation	150 to 240 feet above mean sea level
Reported Slope Direction	Slopes down to the south
Source	United States Geological Survey 7.5 Minute Topographic Map, Imperial Beach Quadrangle, California – San Diego County, 2018

Geology

A geological map for the Site vicinity was reviewed and is summarized in the following table.

Reported Formation	Old alluvial flood-plain deposits (Qoa), undivided late to middle Pleistocene aged

Reported Description	Fluvial sediments deposited on canyon floors. Consists of moderately well consolidated, poorly sorted, permeable, commonly slightly dissected gravel, sand, silt, and clay-bearing alluvium
Source	Kennedy, Michael P., and Siang S. Tan, *Geologic Map of the San Diego 30′ × 60′ Quadrangle, California*, California Geological Survey, 2008

Hydrogeology

Data regarding depth to groundwater and flow direction for the Site were not readily available. In the absence of Site-specific data, depth to groundwater and flow direction information was reviewed for properties within the Site vicinity using the State Water Resources Control Board GeoTracker database. The following table summarizes the results of this review.

Property Location	Adjacent to the east of the Site
Reported Depth to Groundwater	52.6 to 76.3 feet below grade
Reported Groundwater Flow Direction	Southwest
Source	*Soil and Groundwater Investigation, Brandywine Distribution Center, 1670 and 1690 Brandywine Avenue, Chula Vista, California*, prepared by Ogden Environmental and dated May 1996

Many variables influence depth to groundwater and flow direction and the actual depth to groundwater and flow direction at the Site may be different than presented in this section.

Water Quality Survey

The following table summarizes the reported water quality in the Site vicinity.

Reported Hydrologic Subarea	None
Reported Hydrologic Area	Otay Valley (910.20)
Reported Hydrologic Unit	Otay (910.00)
Reported Beneficial Use	Industrial
Source	California RWQCB, San Diego Region, *Water Quality Control Plan for the San Diego Basin*, September 8, 1994, with amendments effective prior to May 17, 2016

SITE VICINITY RECONNAISSANCE AND OFF-SITE SOURCE SURVEY

Current Site Vicinity Conditions

The following table summarizes land use and observations in the immediate Site vicinity.[vii] For the purpose of this Report, the immediate Site vicinity includes those properties judged to be adjacent[5] to the Site.

Direction	Land Use	Comments
North	Mendocino Condominium Complex (1555–1595 Mendocino Drive) (Figure 3g-2)	No obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.
East	Tecnico Corporation Ship Building & Repair and TransAmerican Manufacturing (1670 Brandywine Avenue) (Figure 3h-1)	No obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed; however, hazardous materials/wastes are judged likely to be present as discussed in the "Additional SCS Research" section below.
Southeast	Surgical Specialties Corporation and TForce Logistics Courier (1690 Brandywine Avenue) (Figure 3h-2)	
South	Crash Champions Collision Repair (515 Main Street) Jabil Manufacturer (505 Main Street) (Figure 3h-2)	Hazardous materials/wastes or petroleum products use, storage, or generation were observed and are discussed in the "Additional SCS Research" section below.
West	Single-family residences (512, 514, 515 Tan Oak Court, 516 Timber Street, and 1649–1665 Oleander Avenue) (Figure 3g-1)	No obvious indications of the use, storage, or generation of hazardous materials/wastes or petroleum products were observed.

Environmental Regulatory Database Report

An environmental regulatory database report (Radius Map™ report[viii]) was prepared by EDR for the Site. Local, state, and federal regulatory databases were reviewed for the Site and for those facilities within up to 1 mile of the Site. The Radius Map™ report was reported to have been prepared in general accordance with the ASTM standard for the regulatory database review for Phase I Environmental Site Assessments. The locations of the referenced facilities relative to the Site are shown on the overview maps, included in the Radius Map™ report. A description of the various

[5] *Adjacent* is defined by ASTM E1527-13 as any real property or properties the border of which is contiguous or partially contiguous with that of the Site or that would be contiguous or partially contiguous with that of the Site but for a street, road, or other public thoroughfare separating them.

databases, as well as the date each database was most recently updated, is included in the Radius Map™ report. The Radius Map™ report is included in the Appendices to this Report.

Based on a review of the Radius Map™ report, the following table summarizes the facilities within the selected search radii and whether the Site or a facility that was interpreted to be adjacent to the Site was listed on each database.

Federal or State Government Database	Search Radius	Number of Reported Facilities	On Site	Adjacent to the Site
National Priorities List (NPL)	1.00 mile	0	No	No
NPL Delisted	1.00 mile	0	No	No
Superfund Enterprise Management System (SEMS)	0.50 mile	0	No	No
No Further Remedial Action Planned (NFRAP)	0.50 mile	3	No	No
Resource Conservation and Recovery Act–Corrective Action (RCRA COR ACT)	1.00 mile	1	No	No
RCRA Treatment and Disposal Facilities (RCRA TSD)	0.50 mile	0	No	No
RCRA Generators (RCRA GEN)	0.25 mile	10	No	Yes
Federal Engineering and Institutional Controls (IC/EC)	0.50 mile	0	No	No
Emergency Response Notification System (ERNS)	0.12 mile	0	No	No
State/Tribal-Equivalent NPL	1.00 mile	0	No	No
State/Tribal-Equivalent CERCLIS (ENVIROSTOR)	1.00 mile	4	No	No
State/Tribal Solid Waste List (SWL)	0.50 mile	2	No	No
State/Tribal Leaking Underground Storage Tanks (LUST, San Diego County Site Assessment and Mitigation [SAM], Spills, Leaks, Investigation, and Cleanup [SLIC])	0.50 mile	11	No	Yes
State/Tribal Underground/Aboveground Storage Tanks (USTs/ASTs)	0.25 mile	4	No	No
State/Tribal Voluntary Cleanup Program (VCP)	0.50 mile	0	No	No
Federal Brownfields	0.50 mile	1	No	No

Federal or State Government Database	Search Radius	Number of Reported Facilities	On Site	Adjacent to the Site
Local Lists of Landfill/Solid Waste Disposal Sites	Various	1	No	No
Local Lists of Hazardous Waste/Contaminated Sites (San Diego HMMD)	Various	13	No	Yes
Local Lists of Registered Storage Tanks (Statewide Environmental Evaluation and Planning System [SWEEPS UST], Historic UST, CA Facility Inventory Database [FID] UST)	0.25 mile	7	No	No
Local Land Records (DEED)	0.50 mile	1	No	No
Records of Emergency Release Reports	0.001 mile	0	No	No
Other (RCRA NonGen and CA CIWQS)	Various	36	Yes	Yes
EDR High Risk Historical Records (Historic Auto, Historic Cleaner, Manufactured Gas Plant [MGP])	0.125 mile	0	No	No
Exclusive Recovered Government Archines	0.001 mile	0	No	No

The Site was listed on the following databases:

- California Integrated Water Quality System (CIWQS) database as 517 Shinohara Lane for storm water construction on the Site in 1994

Regulatory agency files requested for the Site are discussed in the "Site Research" section above.

Off-Site facilities listed in the Radius Map™ report were evaluated as to their potential to impact the Site. The databases included in the Radius Map™ report can be grouped into two general categories: databases reporting unauthorized releases of hazardous substances or petroleum products (e.g., LUSTs, RCRA COR ACT facilities, National Priorities List [a.k.a. Superfund] sites) and databases reporting permitted hazardous materials users and hazardous waste generators for which a release has not been reported to, and recorded by, the regulatory agency.

SCS evaluated each of the off-Site facilities listed in the Radius Map™ report as to their potential to impact the Site, based on the following factors:

- Reported distance of the facility from the Site[6]

[6] Based on "Technical Justification for Groundwater Media-Specific Criteria," (Groundwater Study) (March 2012) developed to support the state of California "Low Threat Closure Policy" (adopted May 2012), "plume length studies recognize that petroleum plumes stabilize in length due to natural attenuation." The Groundwater Study goes on to cite Shih et al., 2004, that a peer-reviewed study of plume lengths at 500 petroleum UST sites in the Los Angeles area

- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes
- Reported case type (e.g., soil only, failed UST test only)
- Reported substance released (e.g., chlorinated solvents, gasoline, metals)
- Reported regulatory agency status (e.g., case closed, "no further action")
- Location of the facility with respect to the reported groundwater flow direction and depth to groundwater (discussed in the "Hydrogeology" section of this Report)

Based on one or more of the factors listed above, and with possible exceptions discussed in the "Additional SCS Research" section below, there is a low likelihood that the off-Site facilities listed in the Radius Map™ report represent a recognized environmental condition in connection with the Site.

EDR listed four facilities as being "orphans," which are facilities for which EDR does not have sufficient information to accurately locate them on a map. Based on a review of the orphans, it is interpreted that none of the facilities are within the requisite search radii for their reported database listings.

Additional SCS Research

Brandywine Distribution Center/Tap Manufacturing LLC/Transpere, LLC/Keystone Automotive Industries/Jones, Lang, LaSalle Property Management/Lyon Technologies, 1670 & 1690 Brandywine Avenue, Adjacent to the East

Based on its listing on the Cleanup Program Sites – Spills, Leaks, Investigations, and Cleanups (CPS-SLIC) and CERS databases and its proximity to the Site (adjacent to the east), the DEH file for this adjacent facility was reviewed. The DEH file includes a soil and groundwater investigation report from May 1996 and Compliance Inspection Reports (CIRs) for the period from 1996 through 2020. In addition, the September 2010 DEH HE-17 database of facilities storing hazardous materials, generating hazardous wastes, and discharging unauthorized releases was reviewed. The following table summarizes information obtained from review of CIRs and the in-house HE-17 database regarding hazardous materials and petroleum products reported to be used and stored, hazardous wastes reported to be generated, and violations of the hazardous waste control law.

is widely accepted as representative of plume lengths at California UST sites. Shih et al. reports methyl tertiary butyl ether (MTBE), with 90th percentile maximum plume lengths of 540 feet. Therefore, the detailed review radius for open groundwater cases has been conservatively established by SCS at 0.20 mile (approximately 1,000 feet). For non-release cases (e.g., permitted facilities), only those facilities that were judged to be immediately adjacent to the Site were interpreted to have the potential to represent a recognized environmental condition.

Year	Hazardous Materials, Petroleum Products, Hazardous Waste	Violations
1996 to 2002	Paint booth Paint filters (55 gallons) Paint sludge (30 gallons) Organic solids (330 gallons) Inorganic solid waste (3,900 pounds)	Paint chips not swept but washed away with water (1999) Paint car outside of paint booth (1999) **Disposal to an unauthorized point (1997)**
2007 to 2014	Absorbent waste Rags Powder coating dust Sand blasting media dust Scrap metal Used lubricating oil (55 gallons)	Accumulated waste too long Missing records
2017 to 2019	Lubricating oil (55 gallons) Plasma quench coolant (55 gallons) Used oil (55 gallons) Used coolant (55 gallons) Acetylene, argon/carbon dioxide mixture, nitrogen, and oxygen (up to 3,900 cubic feet) Propane (8 gallons) Parts washer processing unit (30-gallon capacity)	None
2020	Capacitors and ballasts with polychlorinated biphenyls (PCBs) (110 gallons) Laptop batteries (110 gallons) Alkaline batteries (55 gallons)	Missing records Inadequate training

In 1997, records indicate hazardous waste disposal to an unauthorized point. No additional details were available, although an unauthorized release case was not opened by the DEH at that time. Note that in our experience, disposal violations typically regarded the disposal of minor quantities of paint, used oil, rags, or filters to the ground surface, trash, or sanitary sewer system, and if not opened as unauthorized release cases by the overseeing regulatory agency, typically present a low likelihood of a recognized environmental condition. Overall, based on the reported types and quantities of hazardous materials and waste reported at this facility, and the reported depth to groundwater (approximately 52 to 76 feet below grade), there is a low likelihood that the materials reported on the CIRS database represent a recognized environmental condition to the Site.

Omar Rendering facility located at 1886 Auto Park Place (Approximately 1,500 feet to the east)

The following reports were included in the DEH file regarding the CPS-SLIC, soil and groundwater investigation, and reviewed as part of this Assessment:

- *Soil and Groundwater Investigation Brandywine Distribution Center, 1670 and 1690 Brandywine Avenue, Chula Vista, California* prepared by Ogden Environmental and dated May 1996

- *Annual Report: April 2020 to March 2021, Monitoring and Reporting Program No. R9-2017-0114 and Cleanup and Abatement Order R9-2003-0080, Waste Management Containment Cell, Former Omar Rendering Site, 1886 Auto Park Place, Chula Vista, CA 91911*, prepared by LandBank Properties, LLC and dated April 29, 2021

In March 1994, a Phase I investigation at the property located adjacent to the east of the Site at the Brandywine Distribution Center at 1670 & 1690 Brandywine Avenue found that no regulated or hazardous substances were found to be used or disposed of at the property and that all previous tenants were primarily product distributors.

In May 1995, a Phase II was conducted at the same property and results indicated volatile organic compounds (VOCs) were found in the soil near the water table and in the groundwater.

In May 1996, groundwater was found to be impacted by VOCs at this east adjacent property. Groundwater results indicated VOCs above laboratory reporting limits, primarily with trichloroethene (TCE) at 720 micrograms per liter (ug/L), and also with tetrachloroethene (PCE) at 56 ug/L, and methylene chloride (MEC) at 79 ug/L in MW-04.

It was determined that the property was not the source of the pollutants and that the likely source is the former Omar Rendering facility located at 1886 Auto Park Place, a property that stored hazardous waste in evaporation ponds from 1959 to 1978, which were situated to the east and cross- to up-gradient of the Brandywine Distribution Center.

The RWQCB closed the case administratively in 2017, noting the Brandywine Distribution Center was not the source of the contamination and that the samples collected at the property suggest a potential threat to indoor air. The RWQCB recommended more recent groundwater data.

Omar Rendering facility is approximately 1,500 feet to the east and cross- to up-gradient of the Site and began remediation circa 1980, with removal of the waste ponds and their disposal at a permitted location. In 1981, the impacted soil beneath the waste ponds was placed in a lined and capped waste cell in the northwest corner of the property. Subsequently the waste cell has been maintained and monitored by the RWQCB.

In January 2021, during the most recent sampling event at the former Omar Rendering facility, the monitoring well closest to the Site, well MW-18, situated approximately 1,500 feet to the east of the Site, indicated results for TCE at 4.3 ug/L. No additional recent well data was available for wells closer to the Site, to indicate whether or not the TCE plume may still be in the immediate vicinity of or beneath the Site.

Based on the concentrations of VOCs at the east adjacent property indicated in 1996 (up to 720 ug/L TCE), the cross- to up-gradient position of the source with respect to the groundwater flow direction to the Site (southwest), that the presence of TCE was reported to be present in the monitoring well closest to the Site from the source in the most recent groundwater monitoring report from January 2021, and that no additional, more recent data is available to indicate whether or not the TCE plume may still be in the immediate vicinity of or beneath the Site, there is a low to moderate likelihood that a recognized environmental condition exists at the Site in connection with the former release from the Omar Rendering facility. Additional assessment (e.g., soil vapor sampling) would be necessary to evaluate the potential associated releases.

H130637, Nypro San Diego, 505 Main Street, Adjacent to the South

Based on its listing on the San Diego County HMMD, CERS HAZWASTE, and CER TANKS databases and its proximity to the Site (adjacent to the south), the DEH file for this adjacent facility was reviewed. The DEH file includes CIRs for the period from 1989 through 2020. In addition, the September 2010 DEH HE-17 database of facilities storing hazardous materials, generating hazardous wastes, and discharging unauthorized releases was reviewed. The following table summarizes information obtained from review of CIRs and the in-house HE-17 database regarding hazardous materials and petroleum products reported to be used and stored, hazardous wastes reported to be generated, and violations of the hazardous waste control law.

Year	Hazardous Materials, Petroleum Products, Hazardous Waste	Violations
1989	None listed	Missing records Missing labels
1993 to 1996	Waste & mixed oil (695 gallons) Hydrocarbon solvent waste (120 gallons) Oxygenate solvents (360 gallons) Inorganic solid waste (120 pounds) Organic solids (400 pounds) Unspecified solvent mixture (120 gallons) Ultrathene pellets (10,000 pounds) Polyvinylchloride pellets (300,000 pounds) Copolyester pellets (15,000 pounds) Nylon pellets (15,000 pounds) Acrylic pellets (15,000 pounds) Polycarbonate resin pellets (750,000 pounds) Lead batteries (5,176 pounds)	Missing records Open waste containers
1997 to 1999	Waste & mixed oil (695 gallons) Hydrocarbon solvent waste (120 gallons) Oxygenate solvents (360 gallons) Inorganic solid waste (120 pounds) Organic solids (400 pounds) Unspecified solvent mixture (120 gallons) Ultrathene pellets (10,000 pounds) Polyvinylchloride pellets (300,000 pounds) Copolyester pellets (15,000 pounds) Nylon pellets (15,000 pounds) Acrylic pellets (15,000 pounds) Polycarbonate resin pellets (750,000 pounds) Lead batteries (5,176 pounds)	**Disposal of hazardous waste to an unauthorized point** Waste container not kept closed Missing records Inadequate training

Year	Hazardous Materials, Petroleum Products, Hazardous Waste	Violations
2001 to 2020	Waste & mixed oil (695 gallons) Hydrocarbon solvent waste (120 gallons) Oxygenate solvents (360 gallons) Inorganic solid waste (120 pounds) Organic solids (400 pounds) Unspecified solvent mixture (120 gallons) Ultrathene pellets (10,000 pounds) Polyvinylchloride pellets (300,000 pounds) Copolyester pellets (15,000 pounds) Nylon pellets (15,000 pounds) Acrylic pellets (15,000 pounds) Polycarbonate resin pellets (750,000 pounds) Lead batteries (5,176 pounds)	Failed to make a proper waste determination Accumulated waste for too long Missing labels Container not kept closed

In 1997, solvent was observed spilled in a flammable storage cabinet, in 1998 waste oil was observed spilled/leaked on the concrete cooling water pad, and in 1999 disposal of metal shavings was observed to the trash. No additional details were available, although unauthorized release cases were not opened by the DEH at that time. Note that in our experience, disposal violations typically regarded the disposal of minor quantities of paint, used oil, rags, or filters to the ground surface, trash, or sanitary sewer system, and if not opened as unauthorized release cases by the overseeing regulatory agency, typically present a low likelihood of a recognized environmental condition.

Based on the minor nature of the disposal violations, the lack of known and reported releases, and the down gradient location of this facility with respect to the reported groundwater flow direction and the Site (i.e., groundwater reported to flow to the southwest), there is a low likelihood that a recognized environmental condition exists at the Site in connection with the listing of this south adjacent facility.

H208691, Fuller Ford Collision Center, 515 Main Street, Adjacent to the South

Based on its listing on the San Diego County HMMD, CERS HAZWASTE, and CER TANKS databases and its proximity to the Site (adjacent to the south), the DEH file for this adjacent facility was reviewed. The DEH file includes CIRs for the period from 2007 through 2021. In addition, the September 2010 DEH HE-17 database of facilities storing hazardous materials, generating hazardous wastes, and discharging unauthorized releases was reviewed and indicated no files are maintained for the facility. The following table summarizes information obtained from review of CIRs regarding hazardous materials and petroleum products reported to be used and stored, hazardous wastes reported to be generated, and violations of the hazardous waste control law.

Year	Hazardous Materials, Petroleum Products, Hazardous Waste	Violations
2007 to 2021	Waste oil (30 gallons) Waste oil filters Waste coolant (55 gallons) Waste sand dust (55 gallons) Water-based paint waste (30 gallons) Solvent-based paint waste (30 gallons) Solid paint waste (60 gallons) Oily absorbent waste (30 gallons) Parts washer	Missing records Missing labels

Based on the quantities of hazardous materials and petroleum products used and stored and hazardous waste generated at this facility, the down gradient location of this facility with respect to the reported groundwater flow direction and the Site (i.e., groundwater reported to flow to the southwest), the absence of disposal violations, and the lack of known and reported releases, there is a low likelihood that a recognized environmental condition exists at the Site in connection with the this west adjacent facility.

California Division of Oil and Gas

SCS personnel reviewed the California Division of Oil and Gas Map regarding oil and gas well locations within 1 mile of the Site.[ix] There were no wells interpreted to be located within a 1-mile radius of the Site.

DATA GAPS IN CONNECTION WITH OFF-SITE SOURCES

Based on the Site vicinity reconnaissance and off-Site source survey, there are no obvious indications of data gaps in connection with off-Site sources.

Findings and Opinions—Off-Site Source Survey

Based on the off-Site source survey, several facilities in the Site vicinity were reported to have had releases of hazardous materials/waste or petroleum products. With the possible exception below, it is our opinion that there are no recognized environmental conditions at the Site as a result of known and reported releases of hazardous materials/wastes or petroleum products from an off-Site source. This judgment is based on one or more of the following: the reported regulatory status (e.g., case closed), the media affected (e.g., soil contamination only), the distance from the Site, the direction from the Site with respect to the reported groundwater flow direction, and information obtained through a review of County of San Diego Department of Environmental Health files.

Omar Rendering facility located at 1886 Auto Park Place (Approximately 1,500 feet to the east)

In May 1996, groundwater was found to be impacted by VOCs at the property located adjacent to the east of the Site at the Brandywine Distribution Center at 1670 & 1690 Brandywine Avenue. Groundwater results indicated VOCs above laboratory reporting limits,

Findings and Opinions—Off-Site Source Survey

primarily with TCE at 720 ug/L, and also with PCE at 56 ug/L, and MEC at 79 ug/L in MW-04.

It was determined that the property was not the source of the pollutants and that the likely source is the former Omar Rendering facility located at 1886 Auto Park Place, a property that stored hazardous waste in evaporation ponds from 1959 to 1978, which were situated to the east and cross- to up-gradient of the Brandywine Distribution Center.

The RWQCB closed the case administratively in 2017, noting the Brandywine Distribution Center was not the source of the contamination and that the samples collected at the property suggest a potential threat to indoor air. The RWQCB recommended more recent groundwater data.

Omar Rendering facility is approximately 1,500 feet to the east and cross to up-gradient of the Site and began remediation circa 1980, with removal of the waste ponds and their disposal at a permitted location. In 1981, the impacted soil beneath the waste ponds was placed in a lined and capped waste cell in the northwest corner of the property. Subsequently the waste cell has been maintained and monitored by the RWQCB.

In January 2021, during the most recent sampling event at the former Omar Rendering facility, the monitoring well closest to the Site, well MW-18, situated approximately 1,500 feet to the east of the Site, indicated results for TCE at 4.3 ug/L. No additional recent well data was available for wells closer to the Site, to indicate whether or not the TCE plume may still be in the immediate vicinity of or beneath the Site.

Based on the concentrations of VOCs at the east adjacent property indicated in 1996 (up to 720 ug/L TCE), the cross- to up-gradient position of the source with respect to the groundwater flow direction to the Site (southwest), that the presence of TCE was reported to be present in the monitoring well closest to the Site from the source in the most recent groundwater monitoring report from January 2021, and that no additional more recent data is available to indicate whether or not the TCE plume may still be in the immediate vicinity of or beneath the Site, there is a low to moderate likelihood that a recognized environmental condition exists at the Site in connection with the former release from the Omar Rendering facility. Additional assessment (e.g., soil vapor sampling) would be necessary to evaluate the potential associated releases.

HISTORICAL LAND USE REVIEW

In accordance with the ASTM Standard and AAI rule, numerous reasonably ascertainable standard historical information sources were reviewed, and an attempt was made to interpret the historical Site and Site vicinity land use back to the obvious first developed use of the Site. Historical information was reviewed for current Site address. The following table summarizes the historical resources reviewed as part of this Assessment.

Resource	Source	Years Available
Aerial Photographs	NETR Online http://www.historicaerials.com/ Google Earth	1953, 1964, 1966, 1968, 1971, 1978, 1980, 1981, 1982, 1983, 1985, 1988, 1990, 1994, 1997, 2000, 2003, 2005, 2010, 2014, 2016, 2021
City Directories	EDR	1960, 1965, 1971, 1975, 1979, 1982, 1986, 1992, 1995, 2000, 2005, 2010, 2014, 2017
Sanborn Fire Insurance Maps	EDR	Unmapped area
Topographic Maps	NETR Online http://www.historicaerials.com/	1904, 1908, 1911, 1915, 1920, 1928, 1932, 1941, 1943, 1955, 1960, 1962, 1977, 2002, 2012, 2015, 2018
Previous Environmental Report	Not applicable	Discussed in the "Review of Client-Provided Documents" section above
Interviews	Not applicable	Discussed in the "Interviews" section above

Historical Site Land Use

The following table provides a chronology of the apparent historical Site land uses, as interpreted from a review of information from the sources referenced.

Year	Interpreted Site Tenants	Interpreted Site Use
1904 to 1991	Vacant, undeveloped land	None
1993 to 2021	Vacant, undeveloped land, with the northern portion of the Site as graded land, with concrete drainage channels in portions of the Site	None

Because many of the dates listed above are based on a limited selection of historical resources, they are considered to be approximations only; the actual beginning/ending dates for many of the Site uses listed above may have been earlier or later than indicated.

No obvious historical facilities, features of concern, or land uses indicative of the use, storage, or generation of hazardous materials/wastes or petroleum products were found in the historical resources reviewed.

Historical Site Vicinity Land Use

The following table provides a chronology of the apparent historical Site vicinity land uses as interpreted from a review of information from the sources referenced.

Years	Interpreted Site Vicinity Tenants	Interpreted Site Vicinity Use
1555–1595 Mendocino Drive (North)		
1904 to 1971	Vacant, undeveloped land	None
1975 to 2021	Mendocino Residential Condominium Complex	Multi-family residence
1670 Brandywine Avenue (East)		
1904 to 1964	Vacant, undeveloped land	None
1966 to 1987	Agricultural land	**Agricultural**
1988 to 2021	Various industrial tenants: Icore, USA Discounters, VSE Corp, RayChem Corporation, Hardwoods Inc., Nobel Floral, Grainger, Tecnico, and TransAmerican	Industrial
1690 Brandywine Avenue (Southeast)		
1904 to 1964	Vacant, undeveloped land	None
1966 to 1987	Agricultural land	**Agricultural**
1988 to 2021	Various industrial tenants: General Textiles, Family Bargain Center Stores, Best Buy Wholesale, Lyon Electronic, Lloyd Johnson Company, Bee International, Surgical Specialties, TForce Logistics	Industrial
505 & 515 Main Street (South)		
1904 to 1950	Vacant, undeveloped land	None
1953 to 1970	Greenhouses	**Agricultural**
1975 to 1979	Vacant, graded land	None
1985 to 2021	Various industrial tenants: Nypro Inc., Foot Point, Hamilton Meats, Shoe Magoo LLC, South Frames, Fuller Collision Center, Crash Champions Collision Repair, Jabil Manufacturer	Industrial

Years	Interpreted Site Vicinity Tenants	Interpreted Site Vicinity Use
512, 514, 515 Tan Oak Court, 516 Timber Street, 1649, 1651, 1655, 1657, 1661, 1665 Oleander Avenue (West)		
1904 to 1964	Vacant, undeveloped land	None
1966 to 2021	Various single-family residential tenants	Single-family residential

Because many of the dates listed above are based on a limited selection of historical resources, they are considered to be approximations only; the actual beginning/ending dates for many of the Site vicinity uses/development described above may have been earlier or later than indicated.

With the possible exceptions described in the "Additional Research" section above and also below, no obvious historical facilities, features of concern, or land uses indicative of the use, storage, or generation of hazardous materials/wastes or petroleum products were found in the historical resources reviewed.

Historical Adjacent Agricultural

A review of aerial photographs revealed that some type of agricultural activity took place within the Site vicinity between 1966 and 1987. The agricultural activity is interpreted to have possibly taken place at the time that organochlorine pesticides (e.g., DDT and chlordane), toxic metals, and others were in wide general use.

These classes of pesticides are known to have the potential to remain in detectable concentrations in the surface for extended periods of time. Based on the interpreted land use of these adjacent properties, SCS' experience with agricultural properties, and a review of the available literature, it is SCS' judgment that it is likely that trace concentrations of organochlorine or metallic pesticides are present in the soil at these adjacent properties as a result of the interpreted agricultural land use. It is also SCS' experience that trace concentrations are likely to be present even in cases of mass grading and earth movement. However, it has generally been SCS' experience that unless a pesticide mixing, storage, or disposal area was present, concentrations of organochlorine pesticides in the subsurface in general agricultural areas tend to be low. No such areas were reported or are known to have existed at these adjacent properties.

Based on SCS' experience, there is a moderate likelihood that residual concentrations of organochlorine- and metal-based pesticides are present in the shallow surface soil beneath the adjacent properties. Assuming the legal and permitted application of theses pesticides, and assuming existing land use remains the same, this common occurrence is, in SCS' experience, unlikely to lead to an enforcement action and is therefore likely to be considered de *minimis*, as defined by ASTM.

Based on the fact that Site was not interpreted to have been used for agricultural purposes and the lack of known or reported releases, as well as the down- to cross-gradient topographic location of these facilities with respect to the Site, there is a low likelihood that an adverse environmental condition exists at the Site as a result of the historical agricultural land use at adjacent properties.

DATA GAPS IN CONNECTION WITH THE HISTORICAL SITE LAND USE

Based on a review of historical sources, and with the possible exceptions below, there are no obvious indications of data gaps in connection with the historical Site and Site vicinity land use.

Readily available historical information was limited, and information was not available that would provide 5-year data intervals between the following years: 1920 and 1928, 1932 and 1941, 1943 and 1953. Based on the corroborating data from the historical information reviewed (i.e., the Site was interpreted to have been vacant, undeveloped land in each of these years), SCS judged it likely that the historical Site land use during this time period was not significantly different from the interpretation presented in the table above.

Findings and Opinions—Historical Site and Site Vicinity Land Use
Based on a review of historical resources, it is our opinion that there are no recognized environmental conditions at the Site as a result of a release of hazardous materials/wastes or petroleum products from a known or interpreted historical Site or Site vicinity land use.

5 CONCLUSIONS AND RECOMMENDATIONS

SCS has performed an Assessment of 517 Shinohara Lane, Chula Vista, California 91911 (Site), in general conformance with the ASTM Standard Practice for Phase I Environmental Site Assessment Process E 1527-13 and the EPA, 40 CFR 312, Standards and Practices for All Appropriate Inquiries, Final Rule (AAI). Any exceptions to, or deletions from, the ASTM and AAI Scope of Work were previously described in this Report where applicable.

With the possible exception below, this Assessment has revealed no evidence of a recognized environmental condition in connection with the Site.

Omar Rendering facility located at 1886 Auto Park Place (Approximately 1,500 feet to the east)

In May 1996, groundwater was found to be impacted by volatile organic compounds (VOCs) at the property located adjacent to the east of the Site at the Brandywine Distribution Center at 1670 & 1690 Brandywine Avenue. Groundwater results indicated VOCs above laboratory reporting limits, primarily with trichloroethene (TCE) at 720 micrograms per liter (ug/L), and also with tetrachloroethene (PCE) at 56 ug/L, and methylene chloride (MEC) at 79 ug/L in MW-04.

It was determined that the property was not the source of the pollutants and that the likely source is the former Omar Rendering facility located at 1886 Auto Park Place, a property that stored hazardous waste in evaporation ponds from 1959 to 1978, which were situated to the east and cross- to up-gradient of the Brandywine Distribution Center.

The Regional Water Quality Control Board (RWQCB) closed the case administratively in 2017, noting the Brandywine Distribution Center was not the source of the contamination and that the samples collected at the property suggest a potential threat to indoor air. The RWQCB recommended more recent groundwater data.

Omar Rendering facility is approximately 1,500 feet to the east and cross- to up-gradient of the Site and began remediation circa 1980, with removal of the waste ponds and their disposal at a permitted location. In 1981, the impacted soil beneath the waste ponds was placed in a lined and capped waste cell in the northwest corner of the property. Subsequently the waste cell has been maintained and monitored by the RWQCB.

In January 2021, during the most recent sampling event at the former Omar Rendering facility, the monitoring well closest to the Site, well MW-18, situated approximately 1,500 feet to the east of the Site, indicated results for TCE at 4.3 ug/L. No additional recent well data was available for wells closer to the Site, to indicate whether or not the TCE plume may still be in the immediate vicinity of or beneath the Site.

Based on the concentrations of VOCs at the east adjacent property indicated in 1996 (up to 720 ug/L TCE), the cross- to up-gradient position of the source with respect to the groundwater flow direction to the Site (southwest), that the presence of TCE was reported to be present in the monitoring well closest to the Site from the source in the most recent groundwater monitoring report from January 2021, and that no additional, more recent data is available to indicate whether or not the TCE plume may still be in the immediate vicinity of or beneath the Site, there is a low to moderate likelihood that a recognized environmental condition exists at the Site in connection with the former release from the Omar Rendering facility. Additional assessment (e.g., soil vapor sampling) would be necessary to evaluate the potential associated releases.

This Assessment has been conducted by an environmental professional whose qualifications[7] were made known to the Client. The conclusions and recommendations presented above are based on the review of readily available data obtained as part of this Assessment, current regulatory guidelines, the Site and Site vicinity reconnaissance, and SCS' experience.

6 REPORT USAGE AND FUTURE SITE CONDITIONS

This Report is intended for the sole usage of the Client and other parties designated by SCS. The methodology used during this Assessment was in general conformance with the requirements of the Client and the specifications and limitations presented in the Consulting Agreement (Contract) between the Client and SCS. This Report contains information from a variety of public and other sources, and SCS makes no representation or warranty about the accuracy, reliability, suitability, or completeness of the information. Any use of this Report, whether by the Client or by a third party, shall be subject to the provisions of the Contract between the Client and SCS. Any misuse of or reliance upon the Report shall be without risk or liability to SCS.

Assessments are qualitative, not comprehensive, in nature and may not identify all environmental problems or eliminate all risk. For every property, but especially for properties in older downtown or urban areas, it is possible for there to be unknown, unreported recognized environmental conditions, USTs, or other features of concern that might become apparent through demolition, construction, or excavation activities, etc. In addition, the scope of services for this project was limited to those items

[7] SCS declares that, to the best of its professional knowledge and belief, the reviewer meets the definition of Environmental Professional as defined in section 312.10 of 40 CFR 312 and has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. SCS has developed and performed All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR 312. The qualifications of the report preparers are included in the Appendices.

specifically named in the scope of services for this Report. Environmental issues not specifically addressed in the scope of services for this project are not included in this Report.

Land use, condition of the properties within the Site, and other factors may change over time. The information and conclusions of this Report are judged to have been relevant at the time the work described in this Report was conducted. This Report should not be relied upon to represent future Site conditions unless a qualified consultant familiar with the practice of Phase I Environmental Site Assessments in the County of San Diego is consulted to assess the necessity of updating this Report.

The property owners at the Site are solely responsible for notifying all governmental agencies and the public of the existence, release, or disposal of any hazardous materials/wastes or petroleum products at the Site, whether before, during, or after the performance of SCS' services. SCS assumes no responsibility or liability for any claim, loss of property value, damage, or injury that results from hazardous materials/wastes or petroleum products being present or encountered within the Site.

Although this Assessment has attempted to assess the likelihood that the Site has been impacted by a hazardous material/waste release, potential sources of impact may have escaped detection for reasons that include, but are not limited to, (1) inadequate or inaccurate information rightfully provided to SCS by third parties, such as public agencies and other outside sources; (2) the limited scope of this Assessment; and (3) the presence of undetected, unknown, or unreported environmental releases.

7 LIKELIHOOD STATEMENTS

Statements of "likelihood" have been made in this report. Likelihood statements are based on professional judgments of SCS. The term "likelihood," as used herein, pertains to the probability of a match between the prediction for an event and its actual occurrence. The likelihood statement assigns a measure for a "degree of belief" for the match between the prediction for the event and the actual occurrence of the event.

The likelihood statements in this Report are made qualitatively (expressed in words). The qualitative terms can be approximately related to quantitative percentages. The term "low likelihood" is used by SCS to approximate a range of 10 to 20 percent; the term "moderate likelihood" refers to an approximate range of 40 to 60 percent; and the term "high likelihood" refers to an approximate range of 80 to 90 percent.

8 SPECIAL CONTRACTUAL CONDITIONS BETWEEN USER AND ENVIRONMENTAL PROFESSIONAL

There were no special contractual conditions between the user of this Assessment, the environmental professional, and SCS.

9 ENDNOTES

[i] Site reconnaissance conducted by Allison O'Neal (SCS) on July 1, 2021.

[ii] Records request—County of San Diego Department of Environmental Health by Allison O'Neal (SCS) on June 23, 2021.

[iii] Records request—City of Chula Vista Fire Department by Allison O'Neal (SCS) on June 23, 2021.

[iv] Records request—San Diego County Air Pollution Control District (SDAPCD) by Allison O'Neal on June 23, 2021.

[v] Records request—City of Chula Vista Industrial Waste Program by Allison O'Neal on June 23, 2021.

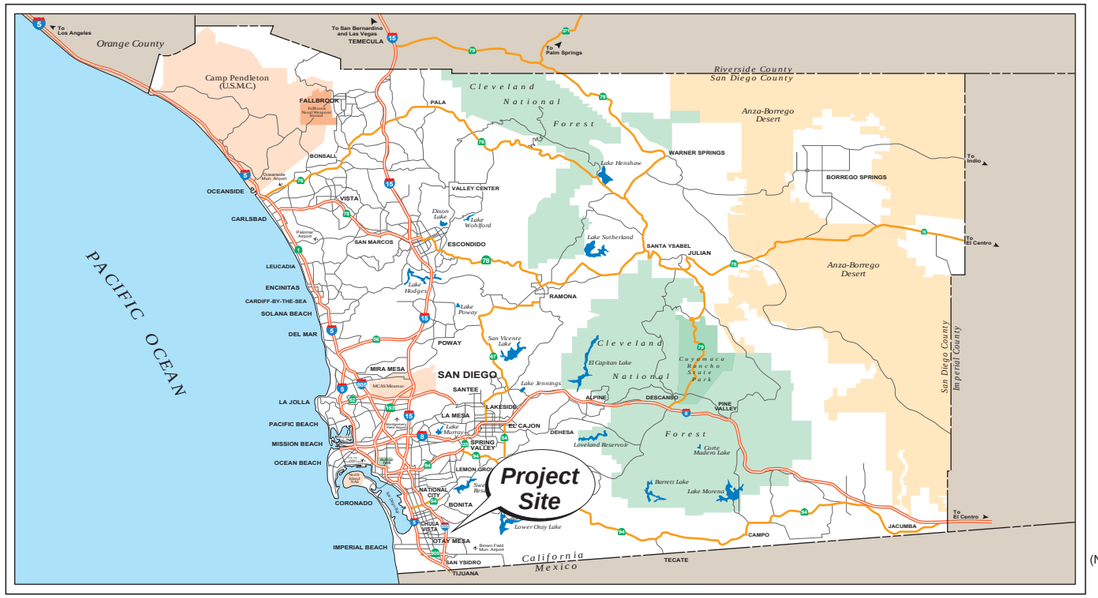
[vi] Records request—San Diego Regional Water Quality Control Board (RWQCB) by Allison O'Neal on June 23, 2021.

[vii] Site vicinity reconnaissance conducted by Allison O'Neal (SCS) on July 1, 2021.

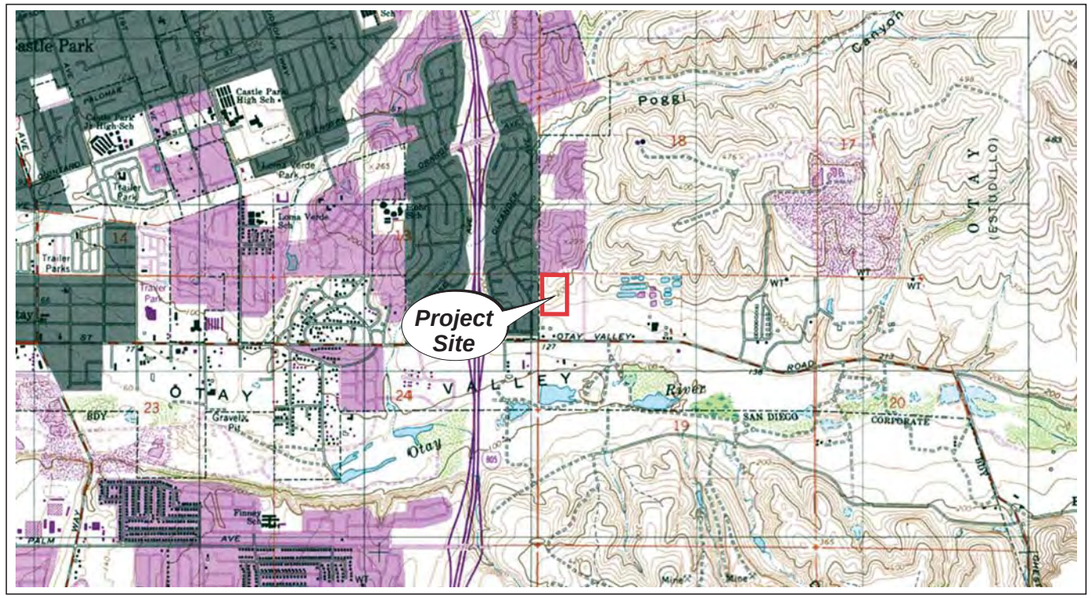
[viii] EDR, "Radius Map™ Report," unpublished report prepared for 517 Shinohara Lane, dated June 24, 2021.

[ix] California Division of Oil, Gas, and Geothermal Resources Online Mapping System, http://maps.conservation.ca.gov/doms/doms-app.html.

FIGURES



REGIONAL SITE LOCATION



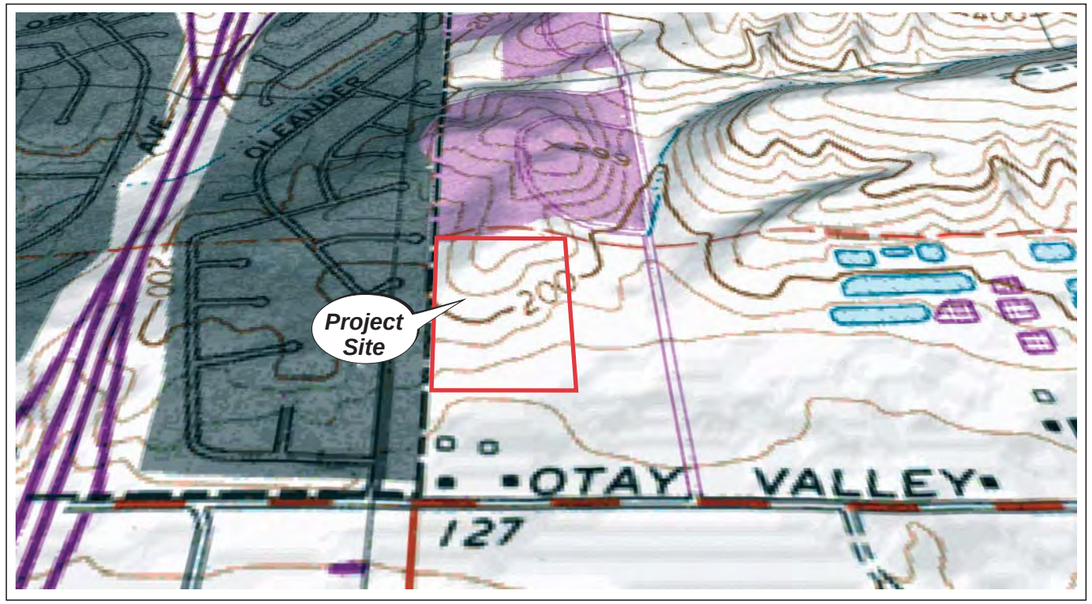
Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
Imperial Beach, California

2-DIMENSIONAL SITE LOCATION



Reference:
Google Earth Aerial Photograph
Chula Vista, California - December 2020

SITE AERIAL PHOTOGRAPH



Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
Imperial Beach, California

3-DIMENSIONAL SITE LOCATION

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

FOUR-WAY SITE LOCATION MAP
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.: 01221156.01

Figure 1

Date Drafted: 7/2/21



LEGEND

- Approximate Site boundary
- 3f-1 Location and direction of Site photograph

North
Not to Scale

Reference: Google Earth Aerial Photograph
Chula Vista, California - December 2020

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

SITE AND SITE VICINITY PLAN

OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.: 01221156.01

Figure 2

Date Drafted: 7/2/21



1) View of the southeast entrance to the Site.



2) View of the Site looking northwest.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.:
01221156.01

Figure 3a

Date Drafted:
7/3/21



1) View of the Site looking north.



2) View of the Site looking northeast.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.:
01221156.01

Figure 3b

Date Drafted:
7/3/21



1) View of the central portion of the Site looking east.



2) View of the Site looking southeast.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.: 01221156.01

Figure 3c

Date Drafted: 7/3/21



1) View of the Site looking south.



2) View of the Site looking southwest.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.:
01221156.01

Figure 3d

Date Drafted:
7/3/21



1) View of the concrete drainage in the northwest portion of the Site.



2) View of typical debris pile observed on Site.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.: 01221156.01

Figure 3e

Date Drafted: 7/3/21



1) View of the northern portion of the Site, looking north.



2) View of the roadway and concrete drainage in the east portion of the Site.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.:
01221156.01

Figure 3f

Date Drafted:
7/3/21



1) View of the adjacent properties to the west of the Site.



2) View of the adjacent properties to the north of the Site.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.:
01221156.01

Figure 3g

Date Drafted:
7/3/21



1) View of the adjacent property to the east of the Site.



2) View of the adjacent properties to the south and southeast of the Site.

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

PHOTOGRAPHIC PLATE
OnPoint Development
517 Shinohara Lane
Chula Vista, California

Project No.:
01221156.01

Figure 3h

Date Drafted:
7/3/21

APPENDICES

GLOSSARY

adjacent property. Any real property or properties the border of which is contiguous or partially contiguous with that of the Site or that would be contiguous or partially contiguous with that of the Site but for a street, road, or other public thoroughfare separating them.

aerial photographs. Photographs taken from an airplane or helicopter of areas encompassing the Site.

asbestos. Six naturally occurring fibrous minerals found in certain types of rock formations. Of the six, the minerals chrysotile, amosite, and crocidolite have been the most commonly used in building products. When inhaled in sufficient quantities, asbestos fibers can cause serious health problems.

asbestos-containing material (ACM). Any material or product that contains more than 1% asbestos.

construction debris. Any concrete, brick, asphalt, and other building materials discarded in the construction of a building or other improvement to property.

Controlled recognized environmental conditions. 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 use limitations, institutional controls, or engineering controls).

de minimis condition. A condition that generally does not present a threat to human health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies). A condition considered *de minimis* is not a *recognized environmental condition*.

drum. A container (typically, but not necessarily, holding 55 gallons of liquid) that may be used to store hazardous substances or petroleum products.

dry well. 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 (spilled intentionally or not), and for wastewater disposal (often illegal).

fill dirt. Dirt, soil, sand, or other earth that is obtained off site and 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 map. Maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property.

hazardous material. Any material that, because of its quantity, concentration, or physical and chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. Hazardous materials include, but are not limited to, hazardous substances, hazardous waste, and any material which a handler or the administering agency has a reasonable basis for believing would be injurious to the health or safety of persons or harmful to the environment if released into the workplace or the environment.

hazardous substance. Pursuant to CERCLA, hazardous substances include the following:

1) All toxic pollutants and hazardous substances listed under the Clean Water Act
2) Hazardous wastes regulated under RCRA
3) Any hazardous air pollutant under the Clean Air Act
4) Chemicals designated as "immediately hazardous" under the Toxic Substance Control Act

The EPA is also allowed to designate additional substances as hazardous if they present a substantial danger to the public health or welfare or the environment when released.

hazardous waste. A substance defined pursuant to the Solid Waste Disposal Act amended by RCRA, a hazardous waste is a solid waste, or a combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics, may contribute to an increase in mortality or an increase in serious irreversible, or incapacitating illness or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.

historical recognized environmental condition. 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).

landfill. A place or area of land used for the disposal of solid wastes as defined by state solid waste regulations. Synonymous with the term *solid waste disposal site,* a landfill is also known as a garbage dump or trash dump.

likelihood. As used in this Report, the term *likelihood* pertains to the probability of a match between the prediction of an event and its actual occurrence. As used by SCS Engineers, the term *low likelihood* approximates a percentage range to 10 to 20 percent; *moderate likelihood* approximates 40 to 60 percent; and *high likelihood* approximates 80 to 90 percent.

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 standards.

obvious. That which is plain or evident. The term refers to a condition or fact that could not be ignored or overlooked by a reasonable observer while physically observing the property.

PCE. Perchloroethene/perchloroethylene, or "Perc"; also tetrachloroethene/tetrachloroethylene; commonly used as a solvent for dry-cleaning.

petroleum products. Petroleum, including crude oil, natural gas, natural gas liquids, liquefied natural gas, synthetic gas usable for fuel, kerosene, diesel oil, jet fuels, motor oil, hydraulic oil, gear oils, and fuel oil.

recognized environmental conditions (RECs). Recognized environmental conditions, as defined by the American Society for Testing and Materials (ASTM), include 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. However, the term is

not intended to include *de minimis* conditions.

retail quantities (RQs). Quantities of hazardous materials usually less than 50 gallons, 100 pounds, or 200 cubic feet of gas (under the regulatory reporting limits).

small retail quantities (SRQs). Quantities of hazardous materials in containers of 5 gallons or less, and less than 50 gallons in aggregate.

solvent. A chemical compound that is capable of dissolving another substance and is itself a hazardous substance, such as TCE, TCA, PCE, Stoddard solvent, paint thinner, mineral spirits, and acetone. Solvents are used in a number of manufacturing or industrial processes.

TCA. Trichloroethane; also 1,1,1 TCA; a commonly used industrial solvent for degreasing/cleaning.

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 percent or more beneath the surface of the ground.

visually and/or physically observed. This term refers to observations made by vision during the Site visit while walking through the Site or Site building(s), and observations made by the sense of smell, particularly awareness of noxious or foul odors.

ACRONYMS

µg/kg	micrograms per kilogram
µg/L	micrograms per liter
ARAR	Applicable, Relevant, and Appropriate Requirements
ASPIS	Abandoned Sites Program Information System
APCD	Air Pollution Control District
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BAT	Best Available Technology
bg	below grade
bgs	below ground surface
BMP	Best Management Practice
BTEX	**b**enzene, toluene, ethylbenzene, and xylenes
Cal-EPA	California Environmental Protection Agency
CCDC	Centre City Development Corporation
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CGI	Combustible Gas Indicator
CHSP	Community Health and Safety Plan
CIR	Compliance Inspection Report

CoCs	Constituents of Concern
CPT	Cone Penetration Testing
CREC	Controlled Recognized Environmental Condition
DAF	Dilution and Attenuation Factor
DDT	Dichlorodiphenyltrichloroethane
DEED RSTR	California Department of Health Services Deed Restriction
DEH	County of San Diego Department of Environmental Health
DTSC	Department of Toxic Substance Control
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FoPC	Features of Potential Concern
HREC	Historical Recognized Environmental Condition
HMMD	Hazardous Materials Management Division, County of San Diego
HVAC	heating, ventilation, and air conditioning
HVOCs	halogenated volatile organic compounds
HWSSL	Hazardous Waste and Substances Sites List
IDW	**i**nvestigation-derived wastes
IPM	**i**ntegrated pest management
JURMP	Jurisdictional Urban Runoff Management Program
LEL	lower explosive limit
LESA	Limited Environmental Site Assessment
LNAPL	Light Nonaqueous Phase Liquid
LOA	Letter of Authorization
LUFT	leaking underground fuel tank
LUST	leaking underground storage tank
mg/kg	milligrams per kilogram
MIWD	Metropolitan Industrial Wastewater Division
MSCP	Multiple Species Conservation Plan
MSDS	Material Safety Data Sheet
MTBE	methyl tertiary butyl ether; *also* methyl tert-butyl ether
NA	not applicable
NCP	National Contingency Plan
ND	not detected
NESSHAPS	National Emissions Standards for Hazardous Air Pollutants
NFA	no further action
NFRAP	No Further Remedial Action Plan
NOI	Notice of Intent

NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
OLS	**o**rdinary least squared
OSHA	Occupational Safety and Health Administration
PCBs	polychlorinated biphenyls
PCE	perchloroethene/perchloroethylene, *or* "Perc"; *also* tetrachloroethene/tetrachloroethylene
PEAR	Preliminary Environmental Assessments Required
PID	photoionization detector
PMP	Property Mitigation Plan
PAHs	polynuclear aromatic hydrocarbons
PRG	Preliminary Remediation Goals
PRP	potentially responsible party (pursuant to CERCLA)
PSH	phase-separated hydrocarbons
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RCRA VIOL	Comprehensive Environmental Response, Compensation and Liability Act–hazardous waste generators violations/enforcement actions
RCRIS-G	Comprehensive Environmental Response, Compensation, and Liability Act Information System–Generators (hazardous waste)
REC	recognized environmental condition
RF	remote fill
RNA	remediation by natural attenuation
RQs	retail quantities
RWQCB	Regional Water Quality Control Board
SAM	Site Assessment and Mitigation Program (San Diego County Department of Environmental Health)
SAP	Site Assessment Protocol
SCL	Department of Toxic Substance Control database
SDG&E	San Diego Gas and Electric
SI	**s**ite inspection
SRQs	small retail quantities
SMP	Soil Management Plan
SPCC	Spill Prevention Control and Countermeasure
STLC	Soluble Threshold Limit Concentration
SWAT	Solid Waste Assessment Test
SWIS	Solid Waste Information System
SWLF	Solid Waste Landfills
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCA	Trichloroethane; also 1,1,1 TCA

TCE	trichloroethene; trichloroethylene
TCLP	Toxicity Characteristic Leaching Procedure
THF	Tetrahydrofuran
TPH	total petroleum hydrocarbons
TPHg	TPH as gasoline
TPHd	TPH as diesel
TPHext	TPH extended range
TPHo	TPH oil range
TRIS	Toxic Release Information System
TRPH	total recoverable petroleum hydrocarbons
TTLCs	Total Threshold Limit Concentrations
UAR	unauthorized release
USGS	United States Geological Survey
UST	underground storage tank
VAP	Voluntary Action Plan
VES	Vapor Extraction System
WDR	Waste Discharge Requirements
WET	Waste Extraction Test
WMUDS	Waste Management Unit Database System

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
RECORDS FOR THE SITE

Rcvd 06/23/2021

e-mail 06/24/2021 - 06-472
> 06-491 - ECA

06-472/06-473
Request # _____

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6700 FAX (858) 505-6848
www.sdcdeh.org

PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

Requestor Name: Allison O'Neal **E-Mail:** aoneal@scsengineers.com

Phone: (858)583-7763 **FAX:** ( )

Company Name: SCS Engineers

Mailing Address: 8799 Balboa Ave #290 San Diego CA, 92123

(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, www.sdcdeh.org. Fax or email your completed form to the Public Records Program at (858) 505-6848 or PublicRecords.DEH@sdcounty.ca.gov. The following information is required. Separate forms are needed for each address or parcel number.

517 Shinohara Lane, Chula Vista, CA 91911 **or** **644-040-01**

Exact Address (Street, City and Zip Code) | Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

Please indicate the purpose of your search by checking all that apply:

X☐ Contaminated Property Investigation(s) (SAM Cases)
X☐ Monitoring Well Files
X☐ SAM Closure Letter/Report
X☐ Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
☐ Other (specify):

OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: _____ of _____ Date: _____

Files copied for: _____ of _____ Date: _____

Request cancelled by: _____ Date: _____

Photocopies _____ Cost _____ E-mailed / picked up / mailed on _____ By _____

A search for DEH records checked above has been conducted and the following apply:

☐ SAM files for the permit number(s) listed below are available.
#_____ #_____ #_____ #_____ #_____

☐ HMD/UST files for the permit number(s) listed below are available.
#_____ #_____ #_____ #_____ #_____

☐ LMWP files for the permit number(s) listed below are available.
#_____ #_____ #_____ #_____ #_____

☑ No SAM/HMD/UST records were found / purged for the address/APN you requested.

Edwin C. Andrus 06-472 > 06-491 — 06/23/2021

Signature - DEH Representative | Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.

CLIENT-PROVIDED DOCUMENTS

PARTNER
Engineering and Science, Inc.



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Industrial Land
517 Shinohara Lane
Chula Vista, California 91911

Report Date: January 16, 2018
Partner Project No. 17-199602.1



Prepared for:

STOS Partners
669 2nd Street
Encinitas, California 92024

PARTNER
Engineering and Science, Inc.

January 16, 2018

Mr. CJ Stos
STOS Partners
669 2nd Street
Encinitas, California 92024

Subject: Phase I Environmental Site Assessment
Industrial Land
517 Shinohara Lane
Chula Vista, California 91911
Partner Project No. 17-199602.1

Dear Mr. Stos:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (619) 925-9672 or MLambson@partneresi.com.

Sincerely,

DRAFT

Mark Lambson
Principal

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by STOS Partners for the property located at 517 Shinohara Lane in the City of Chula Vista, San Diego County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide STOS Partners with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located at the western terminus of Shinohara Lane, approximately 350 feet west of Brandywine Avenue within a mixed commercial, industrial, and residential area of San Diego County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Address:	517 Shinohara Lane, Chula Vista, California
Property Use:	Vacant
Land Acreage (Ac):	9.56 Ac
Number of Buildings:	0
Number of Floors:	Not applicable
Gross Building Area (SF):	Not applicable
Net Rentable Area (SF):	Not applicable
Date of Construction:	Not applicable
Assessor's Parcel Number (APN):	644-040-01-00
Type of Construction:	Not applicable
Current Tenants:	Not applicable
Site Assessment Performed By:	Sara A. Gengler of Partner
Site Assessment Conducted On:	January 2, 2018

The subject property is currently vacant land occupied by no tenants. No operations are conducted on site.

According to available historical sources, the subject property was formerly undeveloped as early 1904. No tenants have occupied the subject property.

The immediately surrounding properties consist of a residential condominium complex to the north; a multi-unit light industrial building and Fuller Collision Center to the south; two multi-unit light industrial buildings and Shinohara Lane to the east; and a single-family residential community to the west.

According to a previous subsurface investigation conducted at the east adjacent sites, the depth and direction of groundwater in the vicinity of the subject property is inferred to be approximately 45 to 85 feet below ground surface (bgs) and flows toward the southwest.

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Based on subsurface investigations conducted at the east adjacent Brandywine Distribution Center sites, it appears that chlorinated hydrocarbons (TCE reported at concentrations of 1 µg/l to 720 µg/l) potentially originating from the up-gradient former Omar Rendering site and the Otay Landfill have impacted the groundwater at the east adjacent Brandywine Distribution Center sites, and the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The Regional Water Quality Control Board (RWQCB), the lead oversight agency, reviewed a 1996 Soil and Groundwater Investigation report for the Brandywine Distribution Center case and in a letter dated November 15, 1996, summarized that volatile organic compounds (VOC) including trichloroethene (TCE), tetrachloroethene (PCE), and methylene chloride (MEC) had been discovered at elevated concentrations in groundwater beneath the sites, but not in the unsaturated soil zone. Even though the RWQCB cited that the former Omar Rendering site and the former Otay Landfill had not been clearly identified as the sources of impacted groundwater beneath the Brandywine Distribution Center, the RWQCB appeared to concur with the consultant's findings including the determination that the source of the impact was not related to historic or present activities at the Brandywine Distribution Center but from up-gradient sources. In the 1996 letter, the RWQCB stated that No Further Action (NFA) was required and that the RWQCB did not intend to pursue regulatory action against the current or former owners of the Brandywine Distribution Center. The case was granted regulatory closure on May 3, 2017. Based on the aforementioned, the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The likely presence of subsurface contamination at the subject property is considered a recognized environmental condition.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to 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. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- Partner did not identify any environmental issues during the course of this assessment.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 517 Shinohara Lane in the City of Chula Vista, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and/or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- The potential for vapor intrusion, from documented contaminants in up-gradient groundwater samples, should be evaluated through a limited subsurface investigation prior to development of the subject property.

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 Purpose 1
1.2 Scope of Work 1
1.3 Limitations 2
1.4 User Reliance 2
1.5 Limiting Conditions 3

2.0 SITE DESCRIPTION 4

2.1 Site Location and Legal Description 4
2.2 Current Property Use 4
2.3 Current Use of Adjacent Properties 4
2.4 Physical Setting Sources 4
2.4.1 Topography 4
2.4.2 Hydrology 5
2.4.3 Geology/Soils 5
2.4.4 Flood Zone Information 5

3.0 HISTORICAL INFORMATION 6

3.1 Aerial Photograph Review 6
3.2 Fire Insurance Maps 7
3.3 City Directories 7
3.4 Historical Topographic Maps 7

4.0 REGULATORY RECORDS REVIEW 9

4.1 Regulatory Agencies 9
4.1.1 Health Department 9
4.1.2 Fire Department 9
4.1.3 Air Pollution Control Agency 9
4.1.4 Regional Water Quality Agency 10
4.1.5 Department of Toxic Substances Control 10
4.1.6 Building Department 10
4.1.7 Planning Department 11
4.1.8 Oil & Gas Exploration 11
4.1.9 Assessor's Office 11
4.2 Mapped Database Records Search 11
4.2.1 Regulatory Database Summary 12
4.2.2 Subject Property Listings 12
4.2.3 Adjacent Property Listings 12
4.2.4 Sites of Concern Listings 14
4.2.5 Orphan Listings 15

5.0 USER PROVIDED INFORMATION AND INTERVIEWS 16

5.1 Interviews 17
5.1.1 Interview with Owner 17
5.1.2 Interview with Report User 17
5.1.3 Interview with Key Site Manager 17

5.1.4 Interviews with Past Owners, Operators and Occupants 17
5.1.5 Interview with Others 17
5.2 User Provided Information 17
5.2.1 Title Records, Environmental Liens, and AULs 17
5.2.2 Specialized Knowledge 17
5.2.3 Actual Knowledge of the User 18
5.2.4 Valuation Reduction for Environmental Issues 18
5.2.5 Commonly Known or Reasonably Ascertainable Information 18
5.2.6 Previous Reports and Other Provided Documentation 18
6.0 SITE RECONNAISSANCE 19
6.1 General Site Characteristics 19
6.2 Potential Environmental Hazards 20
6.3 Non-ASTM Services 21
6.3.1 Asbestos-Containing Materials (ACMs) 21
6.3.2 Lead-Based Paint (LBP) 21
6.3.3 Radon 21
6.3.4 Lead in Drinking Water 22
6.4 Adjacent Property Reconnaissance 22
7.0 FINDINGS AND CONCLUSIONS 23
8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS 25
9.0 REFERENCES 26

Figures

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Topographic Map

Appendices

Appendix A Site Photographs
Appendix B Historical/Regulatory Documentation
Appendix C Regulatory Database Report
Appendix D Qualifications

1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 517 Shinohara Lane in the City of Chula Vista, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the 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 groundwater on the subject 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 (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

STOS Partners engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of STOS Partners. Either verbally or in

writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at http://www.partneresi.com/terms-and-conditions.php.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner submitted a Freedom of Information Act (FOIA) request to the Chula Vista Building Department (CVBD) for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property and/or adjacent properties. As of this writing, the Chula Vista Building Department (CVBD) has not responded to Partner's request. Based on information obtained from other historical sources, this limitation is not expected to alter the overall findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, and a title search. This information was not provided at the time of the assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 517 Shinohara Lane in Chula Vista, California is located at the western terminus of Shinohara Lane, approximately 350 feet west of Brandywine Avenue. According to online research, the abbreviated legal description of the subject property is "SEC 19-18-1W*LOT 1*(EX ST)DOC91-685199 IN," and ownership is currently vested in San Francisco Assets, LLC and Selma Investments, LLC since 2009.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently undeveloped land. No operations are conducted on site.

The subject property is designated for industrial development by the City of Chula Vista.

The subject property was not identified in the regulatory database report of Section 4.2.

2.3 Current Use of Adjacent Properties

The subject property is located within a mixed commercial/industrial/residential area of San Diego County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties

North: Mendocino residential condominium complex (1555-1595 Mendocino Drive)

South: A multi-unit light industrial building (505 Main Street) and Fuller Collision Center (515 Main Street)

East: Two multi-unit light industrial buildings (1670 and 1690 Brandywine Avenue) and Shinohara Lane

West: A single-family residential community

The adjacent properties to the east were identified as CA WMUDS/SWAT and CA SLIC sites in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *Imperial Beach, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 200 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping moderately toward the south. The subject property is depicted on the 2012 map as undeveloped.

A copy of the most recent topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow toward the southwest. The nearest surface water in the vicinity of the subject property is the Otay River located approximately one-quarter mile south of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Otay Water District serves the subject property vicinity. According to the Otay Water District website, shallow groundwater beneath the subject property is not utilized for domestic purposes. The Otay Water District purchases water from the San Diego County Water Authority (CWA), a public agency that operates as a wholesale water supplier in San Diego County. Much of this water is in turn purchased from the Los Angeles-based Metropolitan Water District of Southern California (MWD), another public agency that imports water from both Northern California (through the State Water Project) and the Colorado River.

According to a previous subsurface investigation conducted on the east adjacent properties (1670 and 1690 Brandywine Avenue and Case 9 000247N96), the depth of groundwater in the vicinity of the subject property is inferred to be approximately 45 to 85 feet below ground surface (bgs).

2.4.3 Geology/Soils

The subject property is situated within the San Diego plain of the Coast Ranges physiographic province of the State of California The coastal plain is characterized by a series of dissected wave-cut terraces (mesas) extending inland from the coast. These terraces are underlain by generally flat-lying Cretaceous and Eocene sedimentary formations, which, in turn, are capped by relatively thin deposits of Pliocene and Pleistocene age. Directly below this latter unit is the Pliocene age San Diego Formation, which consists predominantly of sandstone.

Based on information obtained from the USDA Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as mainly Salinas clay loam with about 15 percent of the northwestern corner of the property Olivenhain cobbly loam.

The Salinas series consists of deep, well-drained, moderately permeable soils that formed on alluvial plains from alluvium derived from mixed sources. Slopes range from 2 to 9 percent. The Olivenhain series consists of shallow, well-drained, very low to moderately low permeable soils that formed on marine terraces from gravelly alluvium derived from mixed sources. Slopes range from 2 to 30 percent.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Numbers 2156G and 2157G, dated May 16, 2012, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

A copy of the reviewed flood map is not included in Appendix B of this report.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Period/Date	**Source**	**Description/Use**
1904-Present	Aerial Photographs, Topographic Maps, City Directories, Onsite Observations	Undeveloped Land

No tenants have ever occupied the subject property. Recognized environmental conditions were identified in association with the subject property, as further discussed in Section 4.2.3.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources (EDR) on December 28, 2017. The following observations were noted to be visible on the subject property and adjacent properties during the aerial photograph review:

Date: 1949	***Scale: 1"=500'***
Subject Property:	Undeveloped
North:	Undeveloped
South:	Undeveloped
East:	Undeveloped
West:	Undeveloped

Date: 1953, 1964	***Scale: 1"=500'***
Subject Property:	Undeveloped
North:	Undeveloped
South:	Greenhouses
East:	Undeveloped
West:	Undeveloped

Date: 1966, 1970	***Scale: 1"=500'***
Subject Property:	Undeveloped
North:	Undeveloped
South:	Greenhouses
East:	Agricultural land
West:	The current single-family residential community

Date: 1979	***Scale: 1"=500'***
Subject Property:	Undeveloped
North:	The current residential condominium complex
South:	Vacant land
East:	Agricultural land
West:	The current single-family residential community

Date: 1985	***Scale: 1"=500'***

Date:	*1985*	*Scale:*	*1"=500'*
Subject Property:	Undeveloped		
North:	The current residential condominium complex		
South:	The current two commercial buildings		
East:	Vacant land		
West:	The current single-family residential community		

Date:	*1989, 1994, 2005, 2009, 2010, 2012*	*Scale:*	*1"=500'*
Subject Property:	Undeveloped		
North:	The current residential condominium complex		
South:	The current two commercial buildings		
East:	The current two commercial buildings and Shinohara Lane		
West:	The current single-family residential community		

Copies of select aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps

Partner reviewed the collection of Sanborn Fire insurance maps from Environmental Data Resources (EDR) on December 29, 2017. Sanborn map coverage was not available for the subject property.

A copy of the Sanborn No Coverage Letter is included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from Environmental Data Resources (EDR) on December 28, 2017 for past names and businesses that were listed for the subject property and adjacent properties. City directories were not identified for the subject property. Based on the city directory review, no environmentally sensitive listings were identified for the subject property address.

According to the city directory review, the adjacent properties have been occupied by commercial businesses and private residential parties dating back to 1970. Neighboring properties of environmental concern, if any, are discussed in Section 4.2.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from Environmental Data Resources (EDR) on December 27, 2017. The following observations were noted to be depicted on the subject property and adjacent properties during the topographic map review:

Date:	*1904, 1930, 1943, 1953*
Subject Property:	Undeveloped native land
North:	Undeveloped native land
South:	Undeveloped native land
East:	Undeveloped native land

Date:	***1904, 1930, 1943, 1953***
West:	Undeveloped native land

Date:	***1975***
Subject Property:	Undeveloped native land
North:	Shaded to indicate urban development
South:	Four small structures
East:	Undeveloped native land
West:	The current single-family residential community

Date:	***1991***
Subject Property:	Undeveloped native land
North:	Shaded to indicate urban development
South:	The current two commercial buildings
East:	The current two commercial buildings
West:	Shaded to indicate urban development

Date:	***1996***
Subject Property:	Shaded to indicate urban development
North:	Shaded to indicate urban development
South:	Shaded to indicate urban development
East:	Shaded to indicate urban development
West:	Shaded to indicate urban development

Date:	***2012***
Subject Property:	Undeveloped land
North:	Undeveloped land
South:	Undeveloped land
East:	Undeveloped and Shinohara Lane
West:	Undeveloped land

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 Health Department

Regulatory Agency Data	
Name of Agency:	San Diego County Department of Environmental Health (SDCDEH)
Point of Contact:	Mr. Edwin C. Andrus
Agency Address:	5510 Overland Avenue, Suite 170, San Diego, California 92112
Agency Phone Number:	(858) 505-6700 / (858) 505-6937
Date of Contact:	December 27, 2017
Method of Communication:	Email
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the SDCDEH.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.2 Fire Department

Regulatory Agency Data	
Name of Agency:	City of Chula Vista Fire Department (CVFD)
Point of Contact:	City Clerk's Office
Agency Address:	447 F Street, Chula Vista, California 91910
Agency Phone Number:	(619) 691-5055
Date of Contact:	December 27, 2017
Method of Communication:	Telephone
Summary of Communication:	Jurisdiction over management of hazardous materials, hazardous waste, and underground storage tanks (USTs) within the City of San Diego falls under the oversight of the SDCDEH, Hazardous Materials Management Division (HMMD) and Site Assessment and Mitigation Program (SAM), and not the CVFD, as discussed in Section 4.1.2, Health Department, above.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.3 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	San Diego Air Pollution Control District (SDAPCD)
Point of Contact:	https://publicservices.sdcounty.ca.gov/citizenaccess/
Agency Address:	10124 Old Grove Road, San Diego, California 92131
Agency Phone Number:	(858) 586-2600
Date of Contact:	December 27, 2017
Method of Communication:	On line
Summary of Communication:	No Permits to Operate (PTO), Notices of Violation (NOV), or Notices to Comply (NTC) or the presence of AULs, dry cleaning machines, or USTs were on file for the subject property with the SDAPCD.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.4 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	California State Water Quality Control Board (SWQCB)–San Diego Region
Point of Contact:	http://geotracker.waterboards.ca.gov/default.asp
Agency Address:	2375 Northside Drive, Suite 100, San Diego, California 92108
Agency Phone Number:	(619) 516-1990
Date of Contact:	December 27, 2017
Method of Communication:	On line
Summary of Communication:	The subject property address was not reported on the Geotracker database as a site where releases to the environment have occurred.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.5 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	• http://www.dtsc.ca.gov/database/LUC/name_list.cfm • http://www.envirostor.dtsc.ca.gov/public/ • http://www.hwts.dtsc.ca.gov/report_search.cfm?id=5
Agency Address:	5796 Corporate Avenue, Cypress, California 92630
Agency Phone Number:	(714) 484-5300
Date of Contact:	December 27, 2017
Method of Communication:	On line
Summary of Communication:	The subject property was not reported on the Envirostor database as a site where releases to the environment have occurred, on the LUC database as a site where land use restrictions have been imposed, or on the HWTS database as a site that disposed of hazardous waste under manifest.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.6 Building Department

Regulatory Agency Data	
Name of Agency:	Chula Vista Building Department (CVBD)
Point of Contact:	https://pip.chulavistaca.gov/CitizenAccess/chulavista.aspx
Agency Address:	276 Fourth Avenue, Chula Vista, California 91910
Agency Phone Number:	(619) 691-5272
Date of Contact:	December 27, 2017
Method of Communication:	On line and Telephone
Summary of Communication:	As of the date of this report, Partner has not received a response from the CVBD for inclusion in this report.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.7 Planning Department

Regulatory Agency Data	
Name of Agency:	Chula Vista Planning Department (CVPD)
Point of Contact:	https://pip.chulavistaca.gov/CitizenAccess/chulavista.aspx
Agency Address:	276 Fourth Avenue, Chula Vista, California 91910
Agency Phone Number:	(619) 691-5272
Date of Contact:	December 27, 2017
Method of Communication:	On line
Summary of Communication:	According to records reviewed, the subject property is zoned ILP (Limited Industrial Precise Plan) for industrial use by the County of San Diego.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.8 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Division of Oil, Gas and Geothermal Resources (DOGGR)
Point of Contact:	http://www.conservation.ca.gov/dog/Pages/WellFinder.aspx
Agency Address:	5816 Corporate Avenue, Cypress, California 90630
Agency Phone Number:	(714) 816-6847
Date of Contact:	December 27, 2017
Method of Communication:	On line
Summary of Communication:	According to the DOGGR website, no oil or gas wells are located on or adjacent to the subject property.

A copy of pertinent documents is not included in Appendix B of this report.

4.1.9 Assessor's Office

Regulatory Agency Data	
Name of Agency:	San Diego County Assessor
Point of Contact:	https://arcc-acclaim.sdcounty.ca.gov/search/SearchTypeParcel
Agency Address:	1600 Pacific Highway, Suite 103, San Diego, California 92101
Agency Phone Number:	(619) 235-5200
Date of Contact:	December 27, 2017
Method of Communication:	On line
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 644-040-01-00.

A copy of pertinent documents is not included in Appendix B of this report.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Data Resources, Inc. (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing

a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

Radius Report Data

Database	Search Radius (mile)	Subject Property	Adjacent Properties	Sites of Concern
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	N	N	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	**Y**
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	**Y**
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	N	**Y**
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
EDR MGP	Varies	N	N	N
EDR US Hist Auto Station	Varies	N	N	N
EDR US Hist Cleaners	Varies	N	N	N
State/Tribal SLIC (Spills, Leaks, Investigations, and Cleanups)	Varies	N	**Y**	N
Other Miscellaneous Environmental Databases	Varies	N	**Y**	**Y**

4.2.2 Subject Property Listings

The subject property is not identified in the regulatory database report.

4.2.3 Adjacent Property Listings

The adjacent properties to the east were identified as CA SLIC and CA WMUDS/SWAT sites in the regulatory database report, as discussed below:

- The properties identified as Brandywine Distribution Center at 1670 and 1690 Brandywine Avenue are located adjacent to the east of the subject property. These sites are identified as one closed SLIC case site on the State Water Quality Control Board (RWQCB) GeoTracker database. The lead agency is identified as the San Diego Regional Water Quality Control Board (RWQCB) Region 9 and the case number is 9000247N96. It has a cleanup status of "Completed – Case closed as of 5/3/17." The case is listed as a Category 1 site, which is described as follows:

  > *Category 1 includes most leaking underground fuel tank (LUFT) sites and many small commercial facilities, such as dry cleaners. Category 1 sites are characterized by soil or groundwater contamination that does not pose an immediate human health threat and does not extend off-site onto neighboring properties. Off-site groundwater plumes that extend only into the public right of way are also included in this category. We expect little or no public interest at Category 1 sites.*

  Based on records reviewed for the case, groundwater beneath the site was found to be impacted by chlorinated hydrocarbons (TCE reported at concentrations of 1 µg/l to 720 µg/l) and determined to have originated from the former Omar Rendering site and the Otay Landfill, facilities situated in up-gradient directions. Based on assessment activities conducted by Ogden Environmental and Energy Services and related in a May 1996 Soil and Groundwater Investigation report, "there did not appear to be a risk to human health at the subject site. Odgen concluded that "the source of groundwater contamination beneath the site appears to be from an off-site source." As per a 1997 report summarized in a 2017 Phase I Environmental Site Assessment Report by Partner for the Brandywine Distribution Center sites, "it is clearly evident that properties to the east and north of Brandywine Distribution Center, specifically the Omar Rendering Facility and the Otay Landfill, have affected the underlying groundwater table. Further, clear evidence indicates that the source of this impact is not related to historic or present activities at either 1670 or 1690 Brandywine Avenue."

  According to the 2017 Phase I Environmental Site Assessment Report for the Brandywine Distribution Center, the RWQCB reviewed the 1996 Soil and Groundwater Investigation report for the Brandywine Distribution Center and in a letter dated November 15, 1996, summarized that volatile organic compounds (VOC) including trichloroethene (TCE), tetrachloroethene (PCE), and methylene chloride (MEC) had been discovered at elevated concentrations in groundwater beneath the sites, but not in the unsaturated soil zone. Even though the RWQCB cited that the former Omar Rendering site (located approximately 700 feet to the east) and the former Otay Landfill (located about one-half mile to the northeast) had not been clearly identified as the sources of impacted groundwater beneath the Brandywine Distribution Center, the RWQCB appeared to concur with the consultant's findings. In the 1996 letter, the RWQCB stated that No Further Action (NFA) was required and that the RWQCB did not intend to pursue regulatory action against the current or former owners of the Brandywine Distribution Center.

  In the Phase I Environmental Site Assessment for the Brandywine Distribution Center, Partner identified the historical subsurface contamination case as an environmental concern and

recommended no further investigation. The potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The likely presence of subsurface contamination at the subject property is considered a recognized environmental condition.

- The properties identified as Brandywine Distribution Center at 1670 and 1690 Brandywine Avenue are also listed as a California WMUDS/SWAT site. CA Waste Management Unit Database (WMUDS) is used by the State Water Resources Control Board (SWRCB) and the RWQCB for program tracking and inventory of waste management units. The database report lists the facility type as "Other-Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)" and the primary waste type as "hazardous/influent or solid wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards."

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.4 Sites of Concern Listings

Properties to the east and northeast are identified as CA DEED, CA LDS, CA BOND EXP. PLAN, CA Cortese, CA ENF, CA NPDES, ENVIROSTOR, CA SWF/LF, CA San Diego Co. HMMD, CA HIST UST, CA EMI, and CA HWP sites in the regulatory database report, as discussed below:

- The property, identified as Otay Sanitary Landfill at Otay Valley Road and Allied Waste at Otay Landfill at 1700 Maxwell Road, is located approximately 0.25-miles to the east-northeast of the subject property, and situated hydrologically up-gradient. This site is identified as an ENVIROSTOR, CA SWF/LF, CA San Diego Co. HMMD, CA HIST UST, CA EMI, and CA HWP site. Based on subsurface investigations conducted at the east adjacent Brandywine Distribution Center sites and as discussed above in Section 4.2.3, it appears that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the groundwater at the east adjacent Brandywine Distribution Center sites, and the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The likely presence of subsurface contamination at the subject property is considered a recognized environmental condition.

- The property, identified as Former Omar Rendering Landfill at 1886 Auto Park Place, is located approximately 0.75-miles to the east of the subject property, and situated hydrologically up-gradient. This site is identified as a CA DEED, CA LDS, CA BOND EXP. PLAN, CA Cortese, CA ENF, CA NPDES site. Based on subsurface investigations conducted at the east adjacent Brandywine Distribution Center sites and as discussed above in Section 4.2.3, it appears that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the groundwater at the east adjacent Brandywine Distribution Center sites, and the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The likely presence of

subsurface contamination at the subject property is considered a recognized environmental condition.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.5 Orphan Listings

Five orphan listings are identified in the regulatory database report; however, based on their relative distance, down-gradient location, nature of the listing and/or regulatory status, these listings are not expected to represent significant environmental concerns.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), 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 provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from STOS Partners (User of this report).

User Responsibilities				
Item	**Provided By User**	**Not Provided By User**	**Discussed Below**	**Does Not Apply**
Environmental Pre-Survey Questionnaire		**X**		
Title Records, Environmental Liens, and AULs			**X**	
Specialized Knowledge			**X**	
Actual Knowledge			**X**	
Valuation Reduction for Environmental Issues			**X**	
Identification of Key Site Manager	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports		**X**		
Other				**X**

5.1 Interviews

5.1.1 Interview with Owner

The owners of the subject property since 2009, identified as San Francisco Assets, LLC and Selma Investments, LLC, were not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Mr. Jason Richards, Partner, STOS Partners, and report user, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

According to Mr. Richards, the subject property has never been developed and has been always been vacant land. Mr. Richards further stated that there are no USTs, ASTs, clarifiers, oil/water separators, groundwater monitoring wells, or hazardous substance use/storage/generation on the subject property to the best of his knowledge. Mr. Richards provided Partner with a Phase I Environmental Site Assessment report (for the east adjacent sites at 1670 and 1690 Brandywine Avenue) by Partner Engineering and Science, Inc., dated May 3, 2017, as further discussed in Section 4.2.3.

5.1.3 Interview with Key Site Manager

A key site manager was not available to be interviewed at the time of this assessment.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

Mr. Jason Richards, Partner, STOS Partners, and report user, provided Partner with a Phase I Environmental Site Assessment report (for the east adjacent sites at 1670 and 1690 Brandywine Avenue) by Partner Engineering and Science, Inc., dated May 3, 2017, as further discussed in Section 4.2.3.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Sara A. Gengler
Site Assessment Conducted On:	January 2, 2018

No site visit personnel accompanied Partner during the field reconnaissance activities.

No potential environmental concerns were identified during the onsite reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste is not generated at the subject property, and no solid waste disposal contractor services the subject property. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

No sanitary discharge is generated at the subject property and no wastewater treatment facilities or septic systems are observed or reported on the subject property.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property via concrete stormwater channels throughout the site.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Department of Agriculture; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. A natural storm water wash traversing northeast to southwest spans within the perimeter of the southeastern portion of the subject property. No other surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

There are no heating or cooling systems or domestic water at the subject property.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

No domestic wastewater is generated at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

No hazardous substances or petroleum products were observed on the subject property during the site reconnaissance.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former ASTs or USTs was observed during the site reconnaissance.

6.2.3 Evidence of Releases

No spills, stains or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

No potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps, or clarifiers, other than those associated with storm water removal, were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

Due to the lack of buildings on the subject property, ACMs were not considered within the scope of this assessment.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Due to the lack of buildings on the subject property, LBP was not considered within the scope of this assessment.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	**Average Predicted Radon Levels**	**Potential**
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 3. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Otay Water District serves the subject property vicinity. According to the Otay Water District website, shallow groundwater beneath the subject property is not utilized for domestic purposes. The Otay Water District purchases water from the San Diego County Water Authority (CWA), a public agency that operates as a wholesale water supplier in San Diego County. Much of this water is in turn purchased from the Los Angeles-based Metropolitan Water District of Southern California (MWD), another public agency that imports water from both Northern California (through the State Water Project) and the Colorado River. According to the Otay Water District and the 2016 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Due to the lack of buildings on the subject property, mold was not considered within the scope of this assessment.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Based on subsurface investigations conducted at the east adjacent Brandywine Distribution Center sites, it appears that chlorinated hydrocarbons (TCE reported at concentrations of 1 µg/l to 720 µg/l) potentially originating from the up-gradient former Omar Rendering site and the Otay Landfill have impacted the groundwater at the east adjacent Brandywine Distribution Center sites, and the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The Regional Water Quality Control Board (RWQCB), the lead oversight agency, reviewed a 1996 Soil and Groundwater Investigation report for the Brandywine Distribution Center case and in a letter dated November 15, 1996, summarized that volatile organic compounds (VOC) including trichloroethene (TCE), tetrachloroethene (PCE), and methylene chloride (MEC) had been discovered at elevated concentrations in groundwater beneath the sites, but not in the unsaturated soil zone. Even though the RWQCB cited that the former Omar Rendering site and the former Otay Landfill had not been clearly identified as the sources of impacted groundwater beneath the Brandywine Distribution Center, the RWQCB appeared to concur with the consultant's findings including the determination that the source of the impact was not related to historic or present activities at the Brandywine Distribution Center but from up-gradient sources. In the 1996 letter, the RWQCB stated that No Further Action (NFA) was required and that the RWQCB did not intend to pursue regulatory action against the current or former owners of the Brandywine Distribution Center. The case was granted regulatory closure on May 3, 2017. Based on the aforementioned, the potential exists that chlorinated hydrocarbons originating from the former Omar Rendering site and the Otay Landfill have impacted the subsurface of the subject property. The likely presence of subsurface contamination at the subject property is considered a recognized environmental condition.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to 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. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- Partner did not identify any environmental issues during the course of this assessment.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 517 Shinohara Lane in the City of Chula Vista, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and/or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- The potential for vapor intrusion, from documented contaminants in up-gradient groundwater samples, should be evaluated through a limited subsurface investigation prior to development of the subject property.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 517 Shinohara Lane in the City of Chula Vista, San Diego County, California in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

DRAFT

Sara A. Gengler
Environmental Professional

Reviewed By:

DRAFT

Thomas Petersen, REPA
Senior Project Manager

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Radius Report, January 2018

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, January 2018

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, January 2018

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, January 2018

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, January 2018

United States Geological Survey, accessed via the Internet, January 2018

United States Geological Survey Topographic Map 1995, 7.5 minute series, accessed via internet, January 2018

FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER

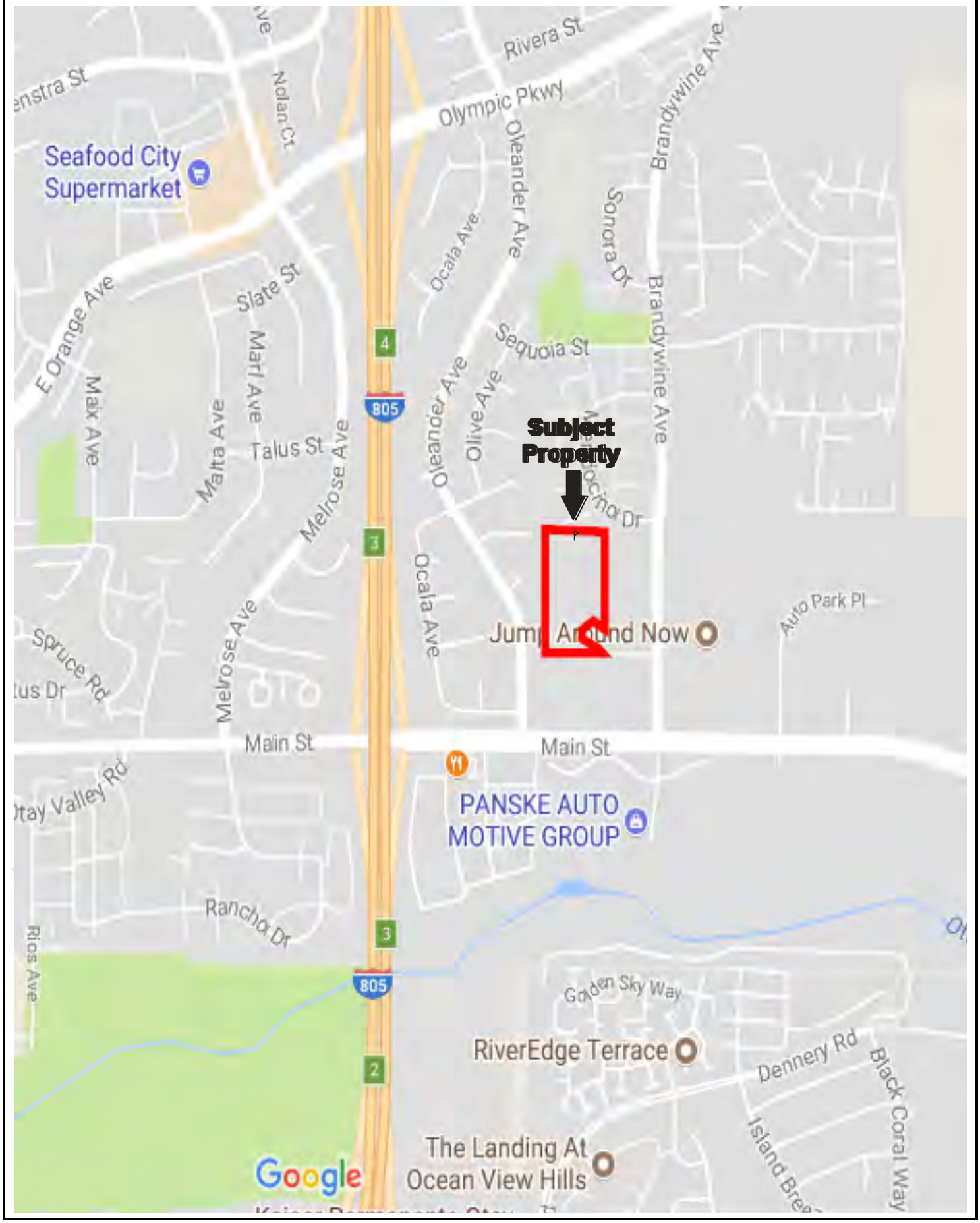


FIGURE 1: SITE LOCATION MAP
Project No. 17-199602.1

Drawing Not To Scale

PARTNER



N

GROUNDWATER FLOW

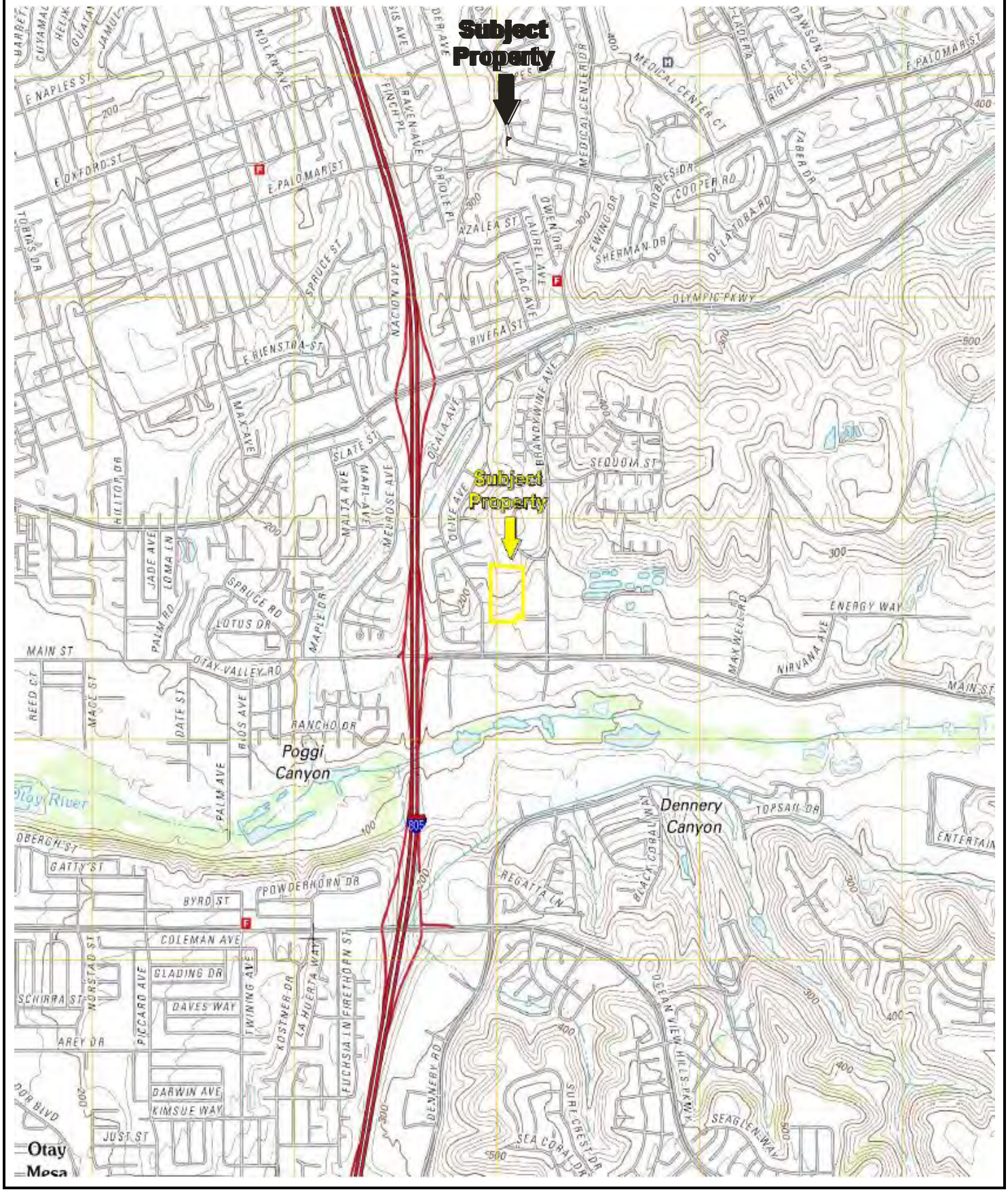
KEY:

Subject Property

FIGURE 2: SITE PLAN

Project No. 17-199602.1

PARTNER



USGS 7.5 Minute *Imperial Beach, CA* Quadrangle Created: 2012

FIGURE 3: TOPOGRAPHIC MAP
Project No. 17-199602.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS

PARTNER



1. The southeastern entrance to the subject property beyond Shinohara Lane.



2. The southeastern portion of concrete stormwater channels throughout the subject property.



3. The southeastern portion of the subject property.



4. The southernmost portion of the subject property.



5. The southwestern portion of the subject property with west-adjacent single-family homes beyond.



6. The east-central portion of the subject property.



7. The north-central portion of the subject property with the north-adjacent condominium complex beyond.



8. The west-central portion of the subject property with west-adjacent single-family homes beyond.



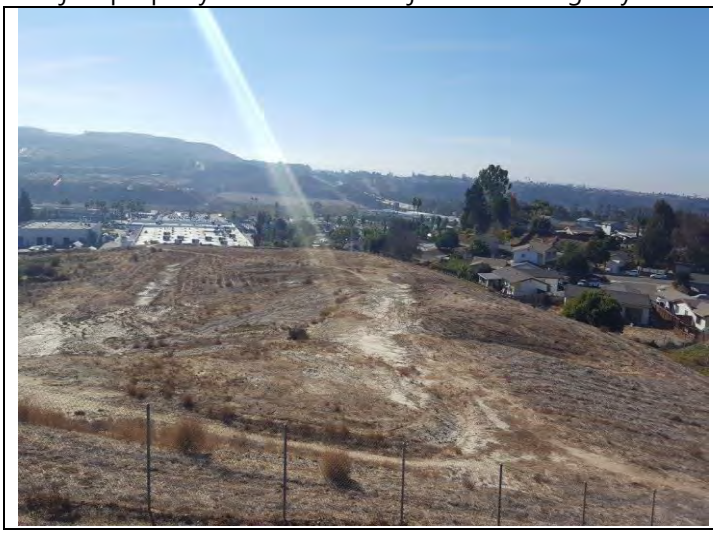
9. The southeastern portion of the subject property with east-adjacent commercial buildings beyond.



10. Stormwater channel on the central portion of the subject property with the east-adjacent building beyond.



11. The southwestern portion of the subject property with one of two south-adjacent buildings beyond.



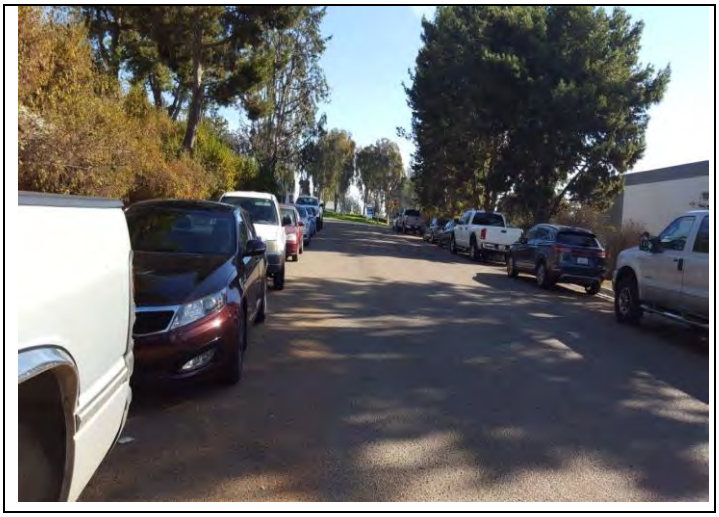
12. The north-central portion of the subject property.



13. The north-central portion of the subject property.



14. The northeasternmost portion of the subject property with the east-adjacent commercial building beyond.



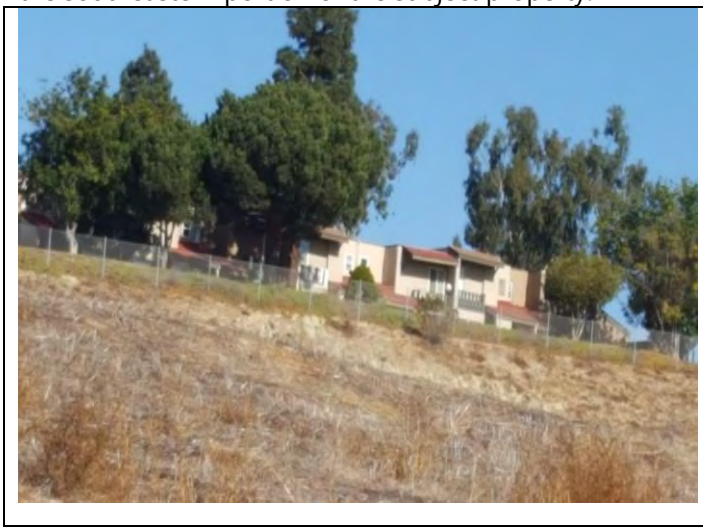
15. East-adjacent Shinohara Lane.



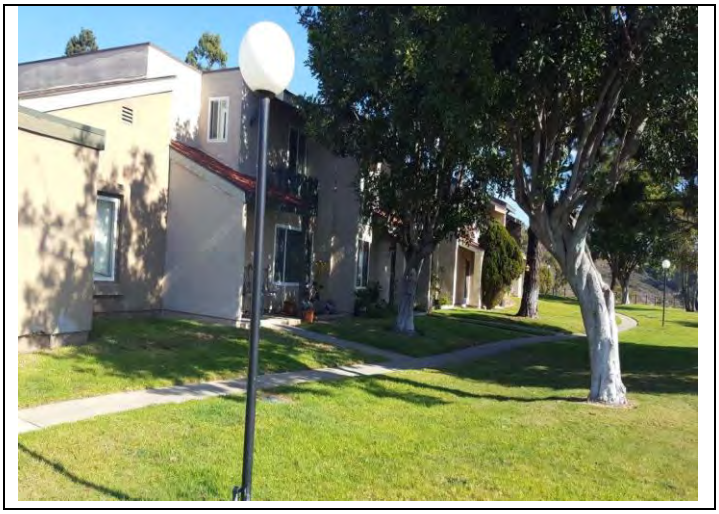
16. The southeast- and south-adjacent properties beyond the southeastern portion of the subject property.



17. West-adjacent single-family homes beyond the northwestern portion of the subject property.



18. North-adjacent residential condominium complex beyond the northern portion of the subject property.



19. North-adjacent residential condominium complex.



20. East-adjacent property beyond the central portion of subject property.



21. The southeast-adjacent property and the south-adjacent property vehicle storage yard.



22. One of two south-adjacent properties.



23. The two south-adjacent properties.



24. West-adjacent single family homes beyond the southwestern portion of the subject property.

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

PARTNER

Industrial Land

517 Shinohara Lane

Chula Vista, CA 91911

Inquiry Number: 5146125.9

December 28, 2017

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

12/28/17

Site Name:

Industrial Land
517 Shinohara Lane
Chula Vista, CA 91911
EDR Inquiry # 5146125.9

Client Name:

Partner Engineering and Science, Inc.
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000
Contact: Adrian Rivas

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
1949	1"=500'	Flight Date: February 16, 1949	USDA
1953	1"=500'	Flight Date: April 14, 1953	USDA
1964	1"=500'	Flight Date: April 07, 1964	USDA
1966	1"=500'	Flight Date: November 02, 1966	USGS
1970	1"=500'	Flight Date: March 06, 1970	EDR Proprietary Landiscor
1979	1"=500'	Flight Date: January 27, 1979	EDR Proprietary Landiscor
1985	1"=500'	Flight Date: August 05, 1985	USDA
1989	1"=500'	Flight Date: August 14, 1989	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP

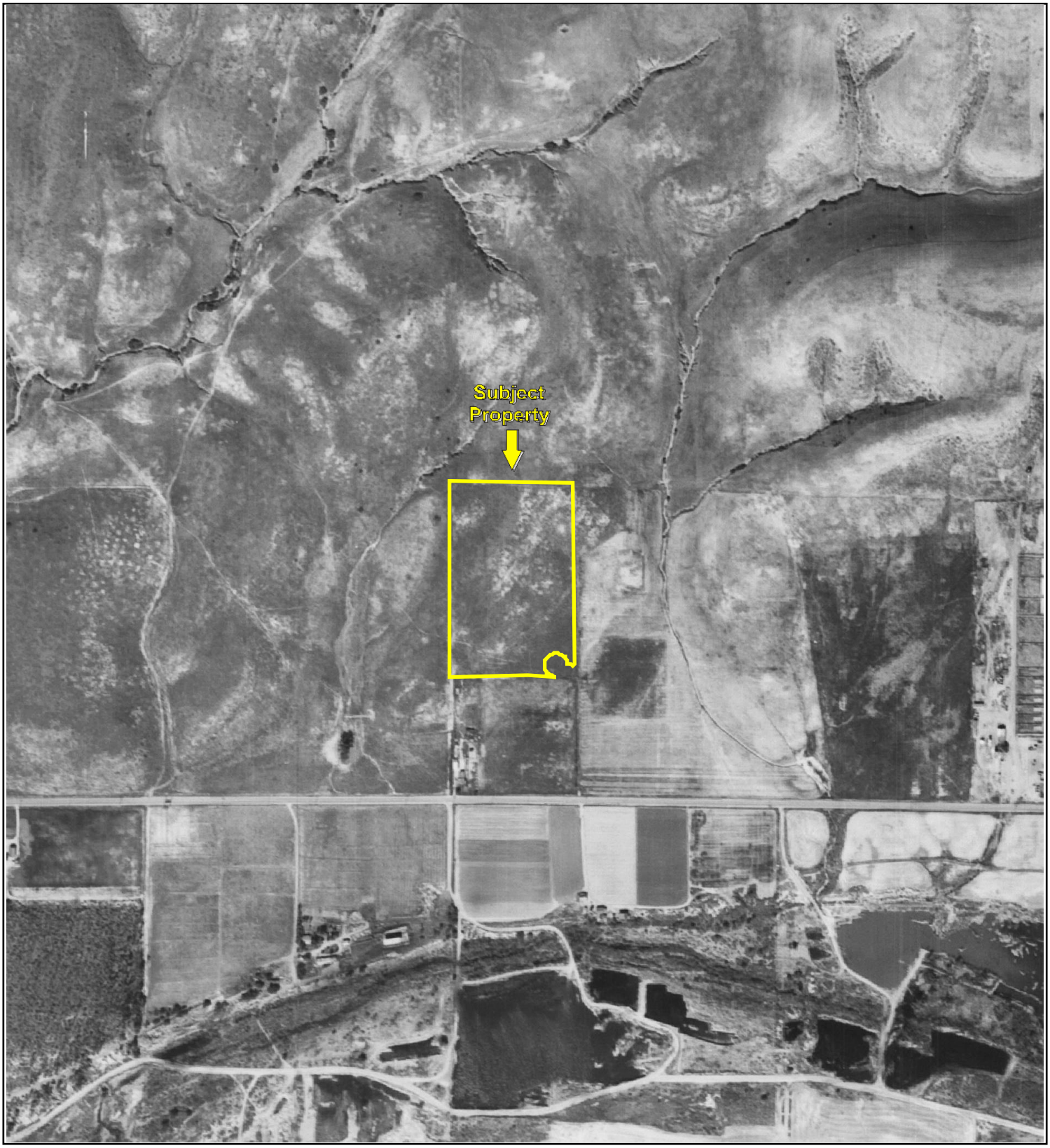
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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 2017 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.

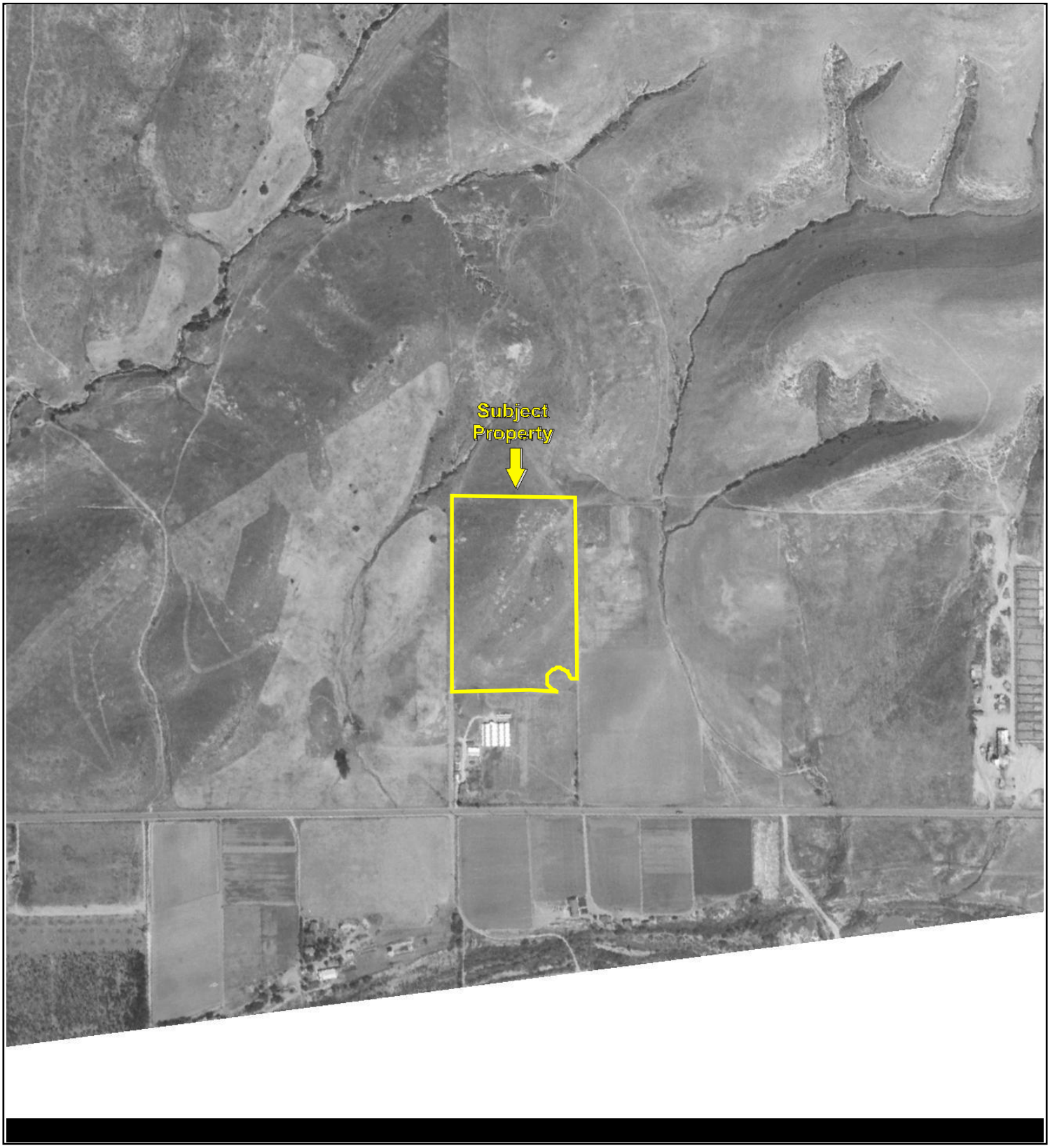
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



{0}

500 1000 2000

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

Key: Subject Property

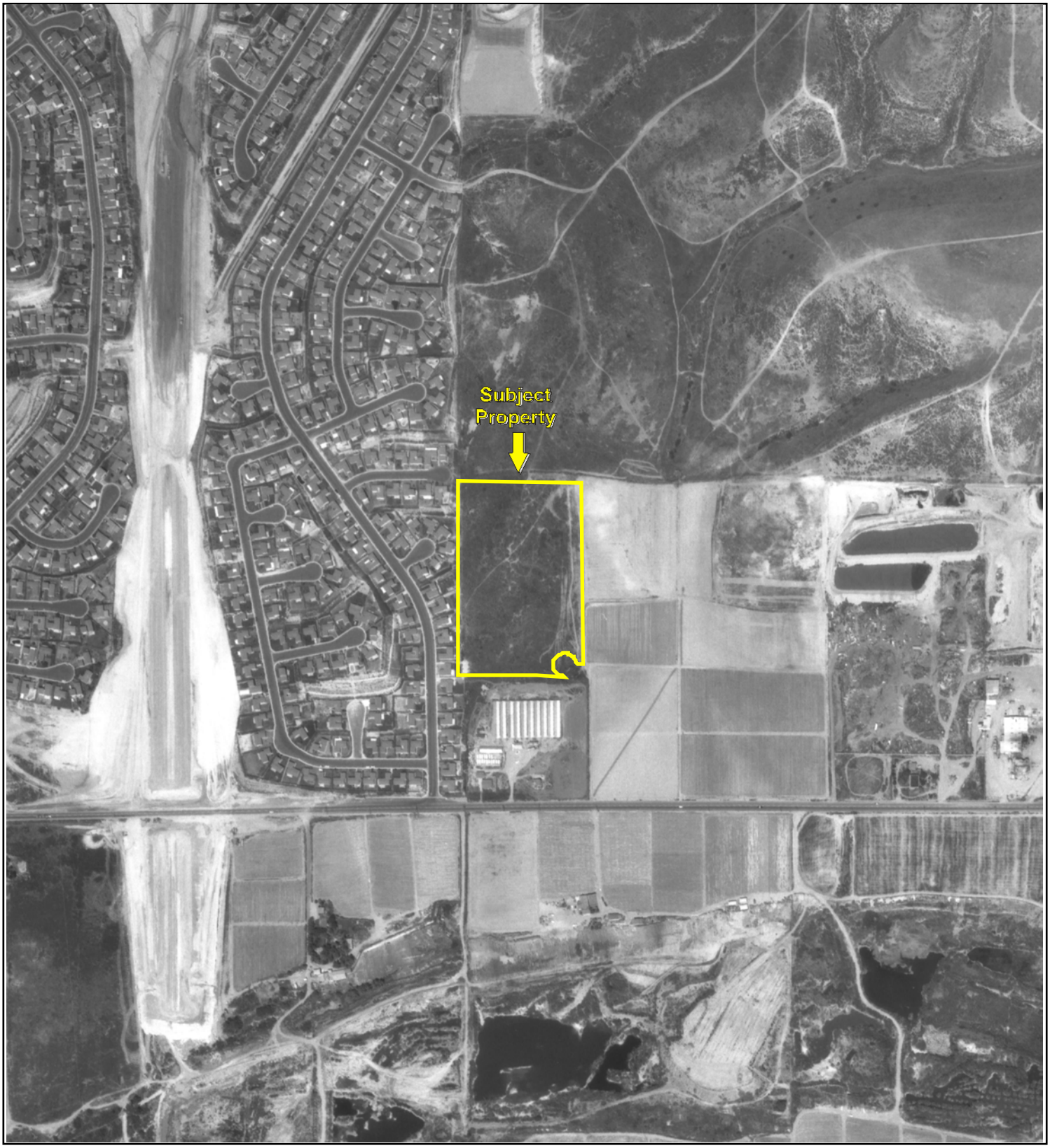


{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property

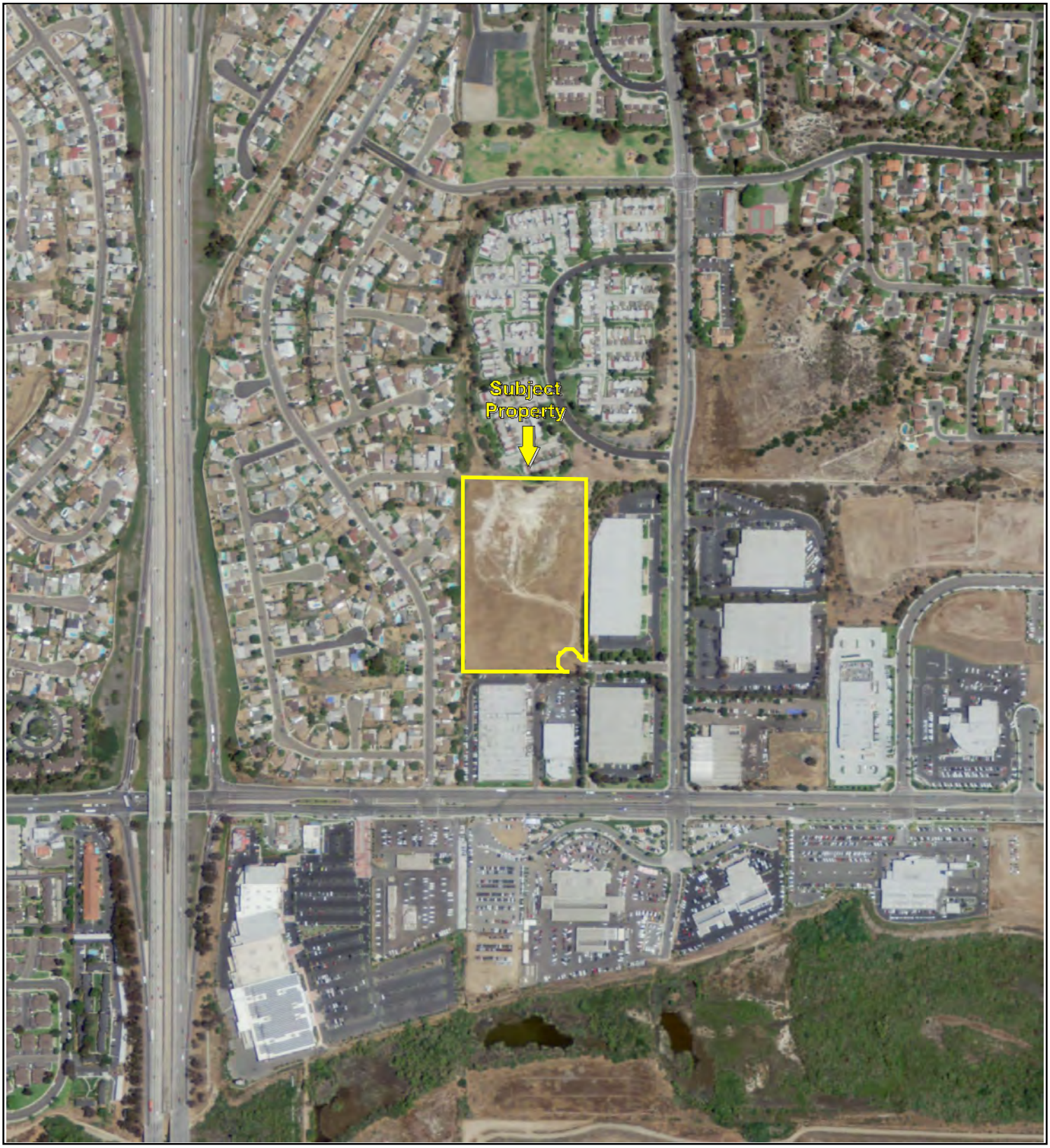


{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property



{0}

500 1000 2000

N

Key: Subject Property

Industrial Land

517 Shinohara Lane

Chula Vista, CA 91911

Inquiry Number: 5146125.4

December 27, 2017

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

12/27/17

Site Name:

Industrial Land
517 Shinohara Lane
Chula Vista, CA 91911
EDR Inquiry # 5146125.4

Client Name:

Partner Engineering and Science, Inc.
2154 Torrance Blvd, Suite 200
Torrance, CA 90501-0000
Contact: Adrian Rivas

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Partner Engineering and Science, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 17-199602.1

Coordinates:

Latitude:	32.597385 32° 35' 51" North
Longitude:	-117.031519 -117° 1' 53" West
UTM Zone:	Zone 11 North
UTM X Meters:	497042.33
UTM Y Meters:	3606654.88
Elevation:	202.92' above sea level

Maps Provided:

1904
1930
1943
1953
1975
1991
1996
2012

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 2017 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.

1904 Source Sheets



San Diego
1904
15-minute, 62500

1930 Source Sheets



San Diego
1930
15-minute, 62500

1943 Source Sheets



San Ysidro
1943
7.5-minute, 31680

1953 Source Sheets



San Ysidro
1953
7.5-minute, 24000
Aerial Photo Revised 1950

Topo Sheet Key

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

1975 Source Sheets



Imperial Beach
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1991 Source Sheets



SAN DIEGO
1991
15-minute, 50000

1996 Source Sheets

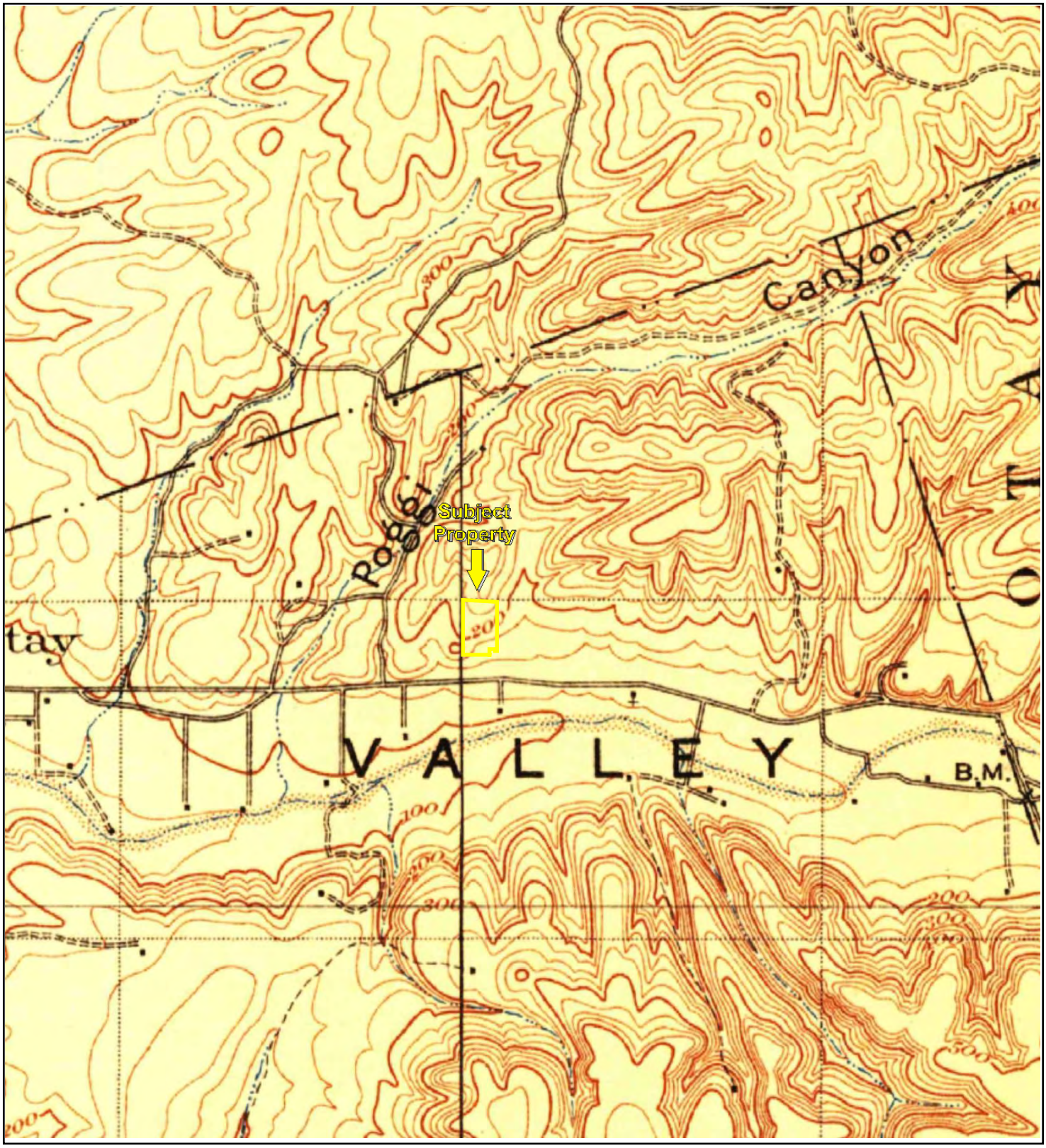


Imperial Beach
1996
7.5-minute, 24000
Aerial Photo Revised 1996

2012 Source Sheets



Imperial Beach
2012
7.5-minute, 24000

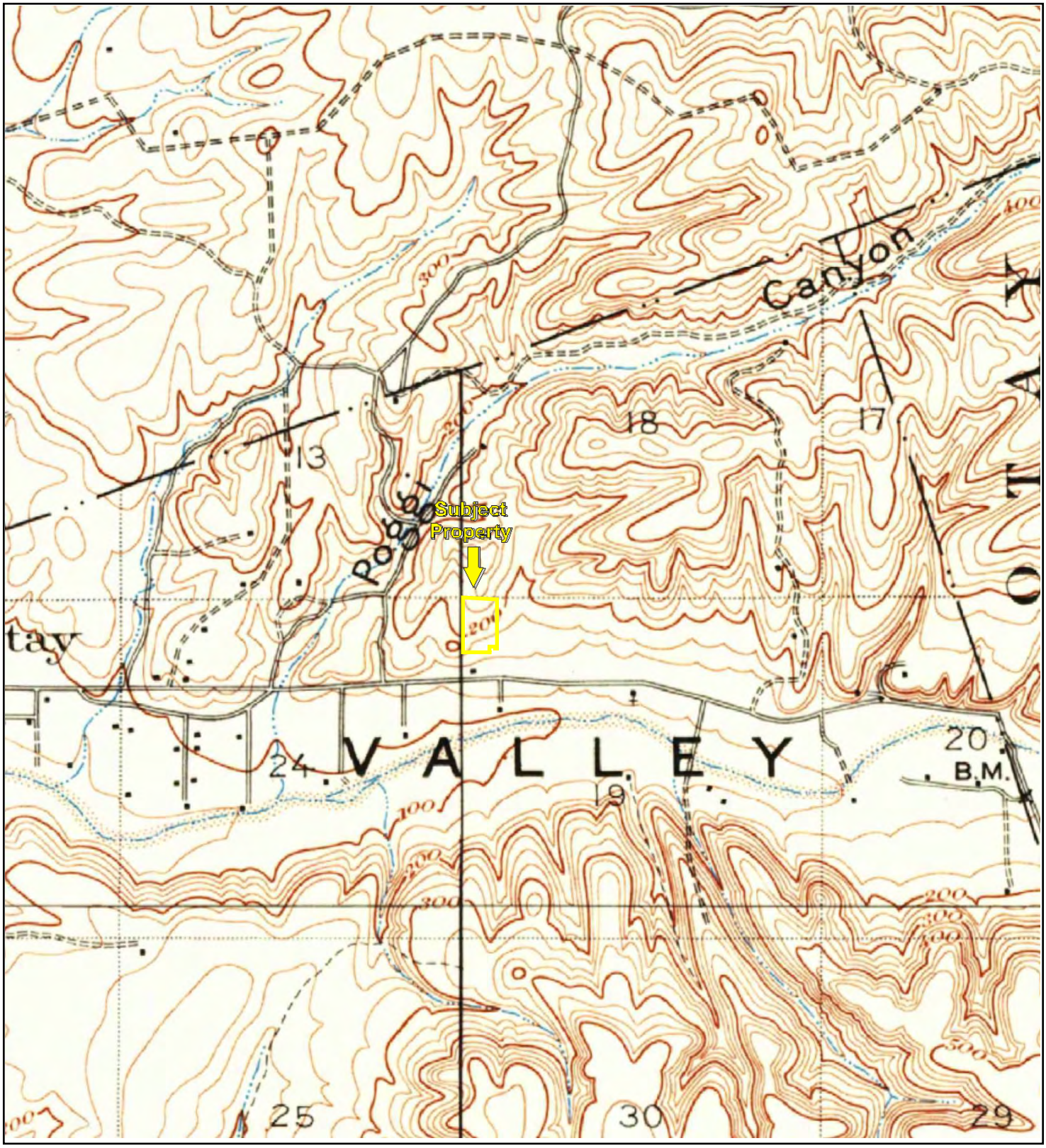


TP, San Diego, 1904, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

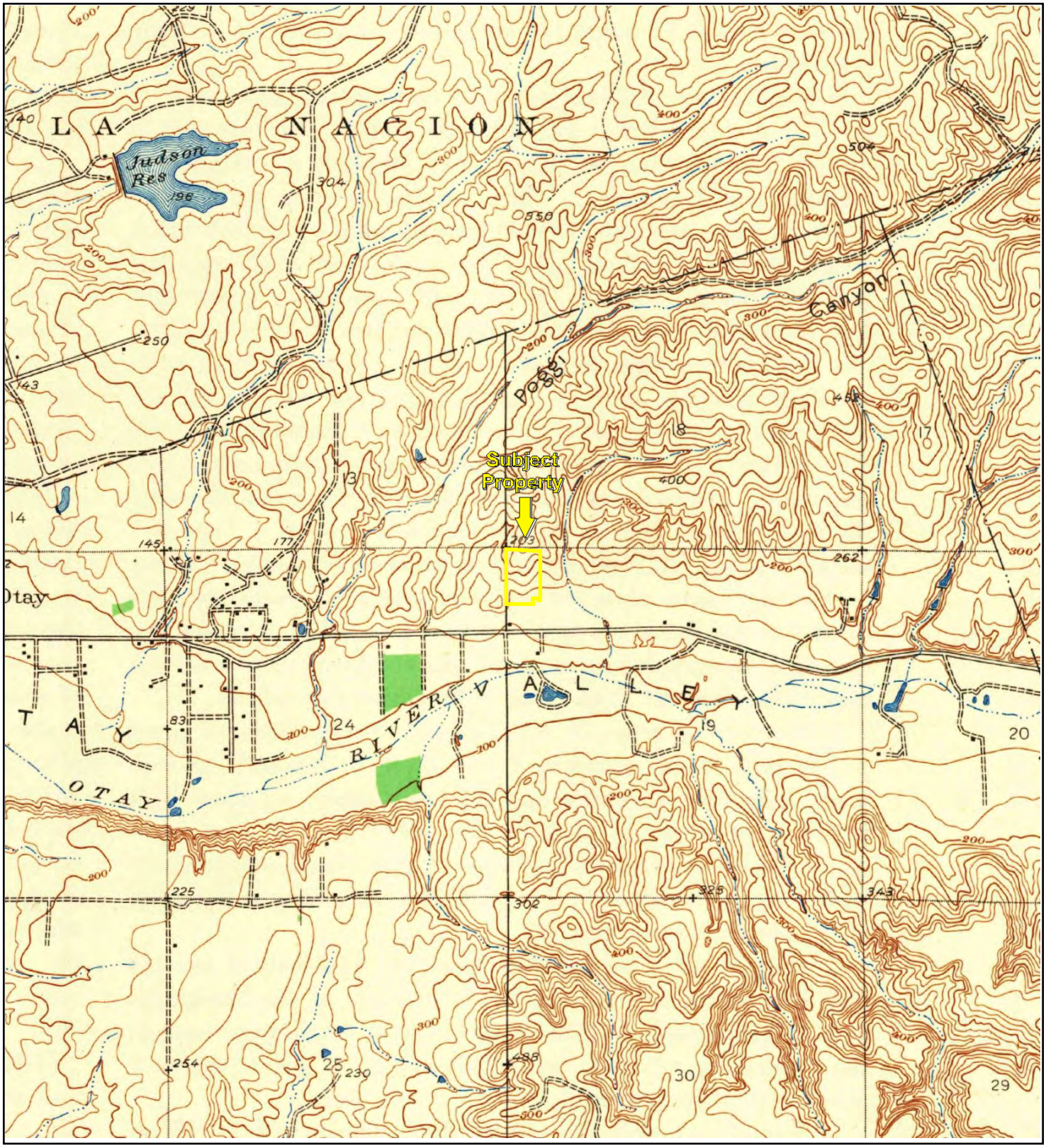


TP, San Diego, 1930, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

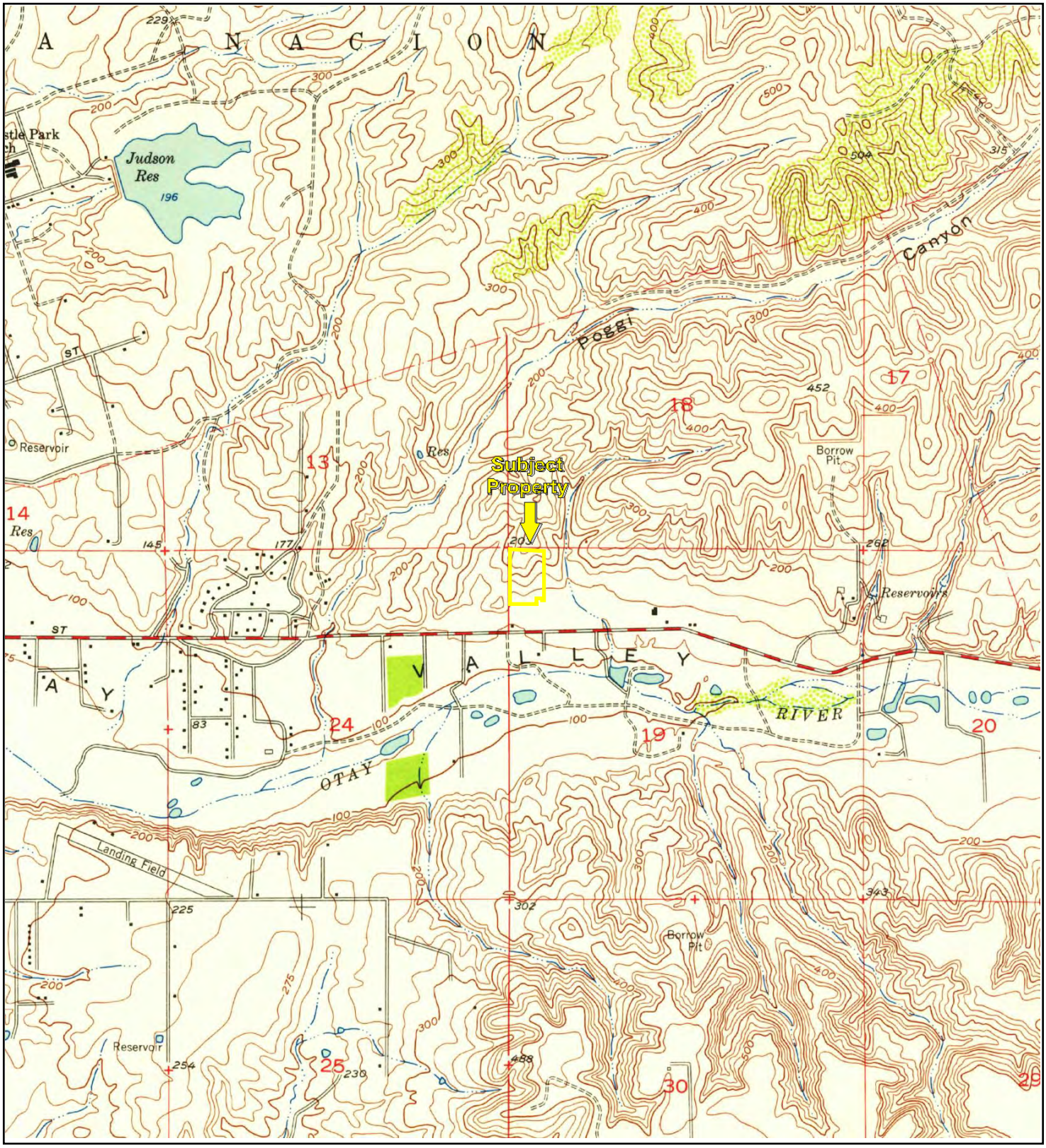


TP, San Ysidro, 1943, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

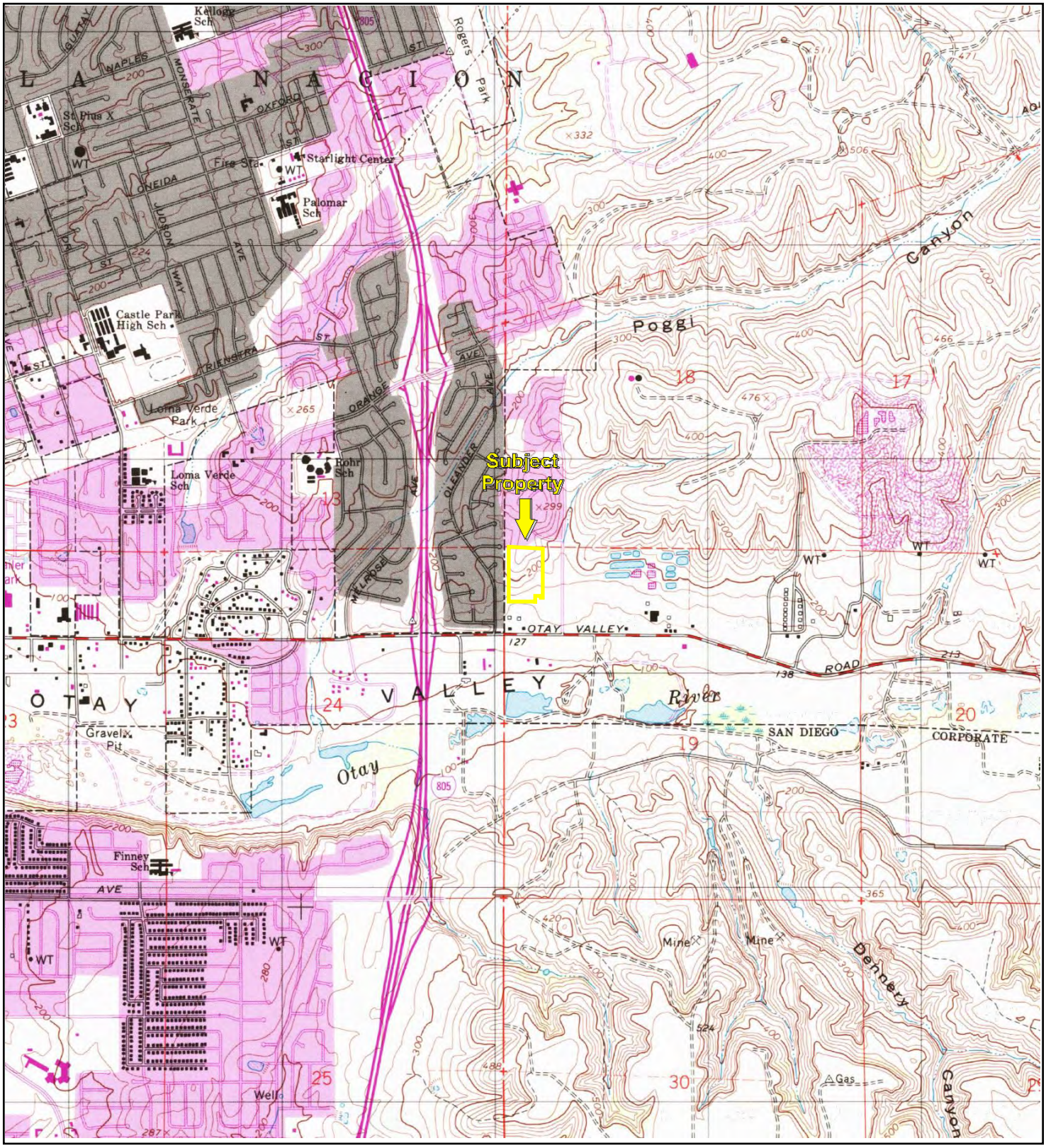


TP, San Ysidro, 1953, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

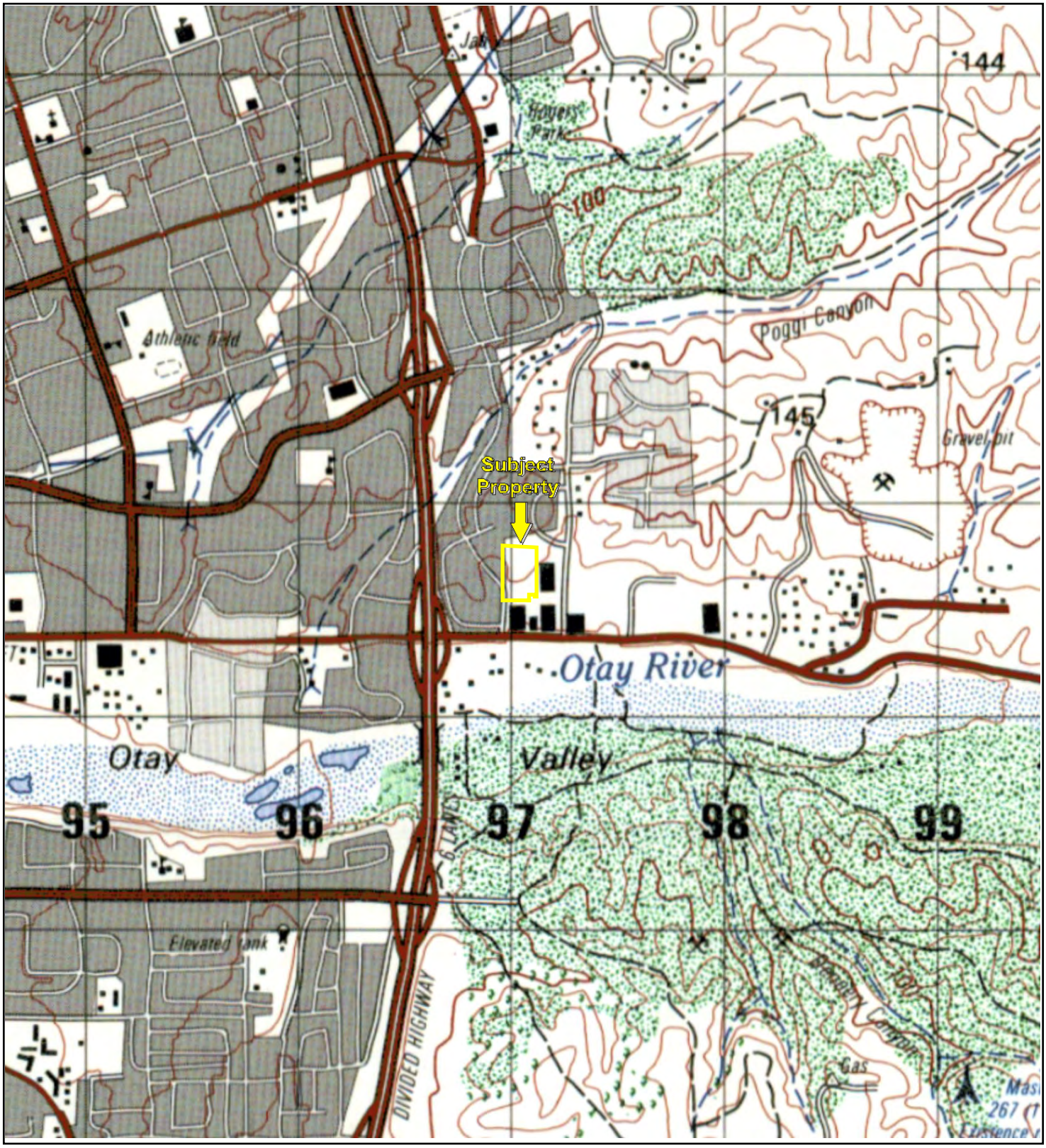


TP, Imperial Beach, 1975, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

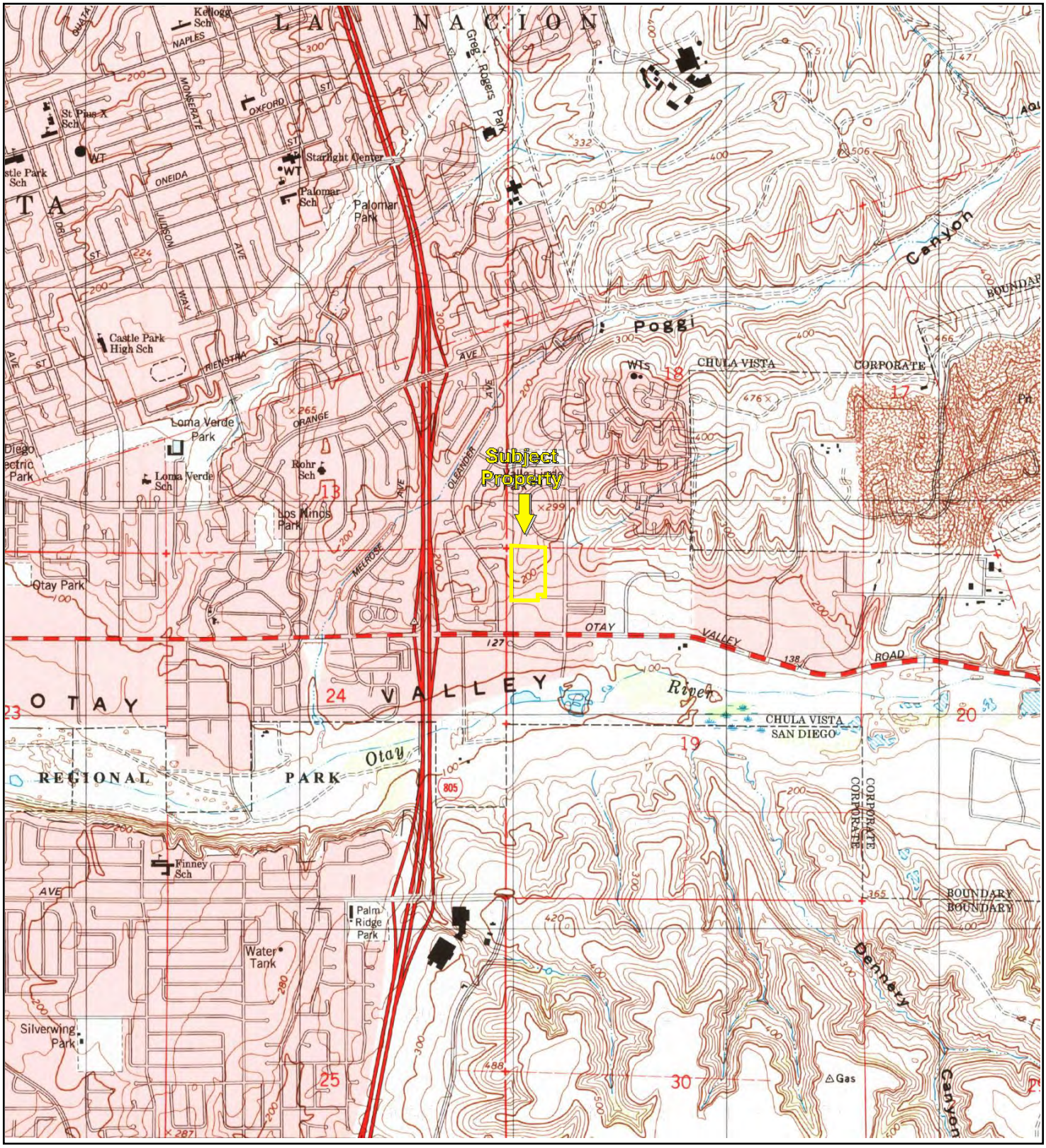


TP, SAN DIEGO, 1991, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

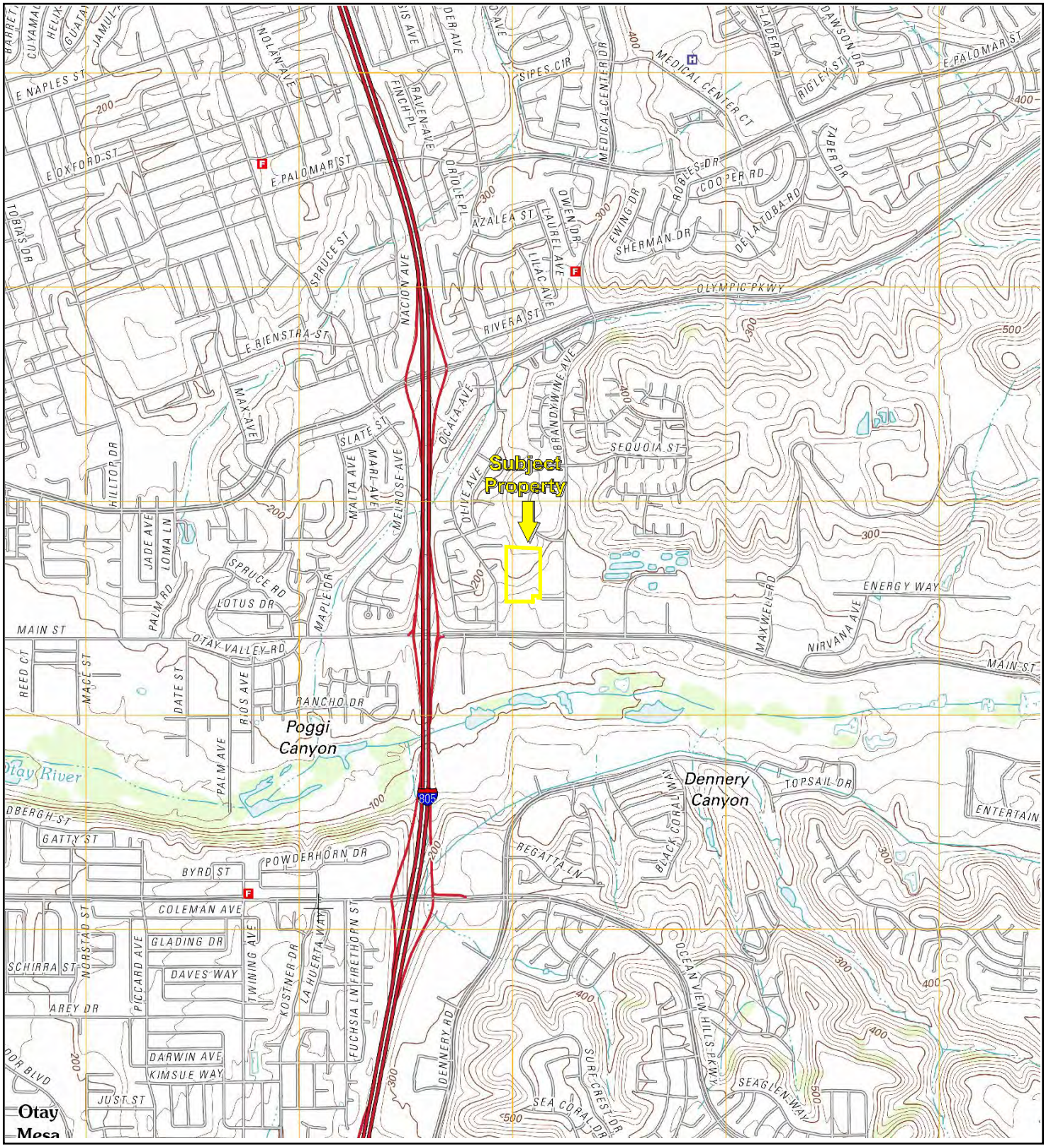


TP, Imperial Beach, 1996, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



TP, Imperial Beach, 2012, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

Solutions Taking Shape.

RECEIVED
JUL 25 1996
SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

Soil and Ground-water Investigation
Brandywine Distribution Center
1670 and 1690 Brandywine Avenue
Chula Vista, California

DARLING INTERNATIONAL,INC.
OMAR RENDERING CLASS I LANDFILL
WDR ORDER: 87-141
REPORT **FILE: 12** 04/96-05/96
06-0215.03 STATUS: C

Prepared for
Chula Vista Industrial Realty, Inc.

May 1996

OGDEN *ENVIRONMENTAL AND ENERGY SERVICES*

5510 Morehouse Drive
San Diego, California 92121

Soil and Ground-water Investigation
Brandywine Distribution Center
1670 and 1690 Brandywine Avenue
Chula Vista, California

Prepared for

Chula Vista Industrial Realty, Inc.
725 South Figueroa Street, 3rd Floor
Los Angeles, California 90017

Prepared by

Ogden Environmental and Energy Services Co., Inc.
5510 Morehouse Drive
San Diego, California 92121
(619) 458-9044

RECEIVED
MAY 16 1996
SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

May 1996
Project No. 570920144

TABLE OF CONTENTS

SECTION	TITLE	PAGE
ES	EXECUTIVE SUMMARY	ES-1
1	INTRODUCTION AND SITE DESCRIPTION	1-1
1.1	Introduction	1-1
1.2	Site Description	1-1
2	PREVIOUS INVESTIGATIONS	2-1
3	FIELD INVESTIGATION ACTIVITIES	3-1
3.1	Underground Utility Check and Utility Detection Survey	3-1
3.2	Soil Sampling	3-1
3.3	Monitoring Well Installation	3-2
3.4	Ground-water Sampling	3-3
3.5	Soil and Ground-water Sample Analysis	3-3
3.6	Surveying and Depth to Ground-water Measurements	3-4
3.7	Heat-pulse Flow Logging	3-4
3.8	Management of Investigation-derived Waste	3-5
4	INVESTIGATION RESULTS AND DISCUSSION	4-1
4.1	General Geologic Conditions	4-1
4.2	Regional Ground-water Conditions	4-1
4.3	Subsurface Soil Conditions	4-2
4.4	Site Ground-water Conditions	4-2
4.5	Analytical Results	4-4
4.6	Heat-pulse Flow Logging Results	4-14
4.7	Results of Contaminant Mobility Evaluation	4-16
5	SUMMARY AND CONCLUSIONS	5-1
6	RECOMMENDATIONS	6-1
7	REFERENCES	7-1

TABLE OF CONTENTS (Continued)

SECTION	TITLE	PAGE
8	LIMITATIONS	8-1

LIST OF FIGURES

NUMBER	TITLE	PAGE
1-1	Project Location Map	1-2
2-1	Soil Boring Locations for Present and Previous Investigation	2-2
4-1	Water-table Gradient Map (2/27/96) and Heat-pulse Flow Logging Results	4-3
4-2	Ground-water Elevations in the Project Vicinity	4-5
4-3	Soil Sampling Analytical Results	4-6
4-4	Ground-water Sampling Analytical Results	4-10

LIST OF TABLES

NUMBER	TITLE	PAGE
2-1	Analytical Results from Previous Phase II Subsurface Investigation	2-3
4-1	Total Organic Carbon (TOC) Results for Soil	4-7
4-2	General Minerals Results for Ground Water	4-9
4-3	Comparison of TCE and Methylene Chloride Ground-water Results with Adjacent Sites	4-11
4-4	Metals Results for Ground Water	4-12
4-5	Comparison of Site Ground-water Metal Concentrations with Ground-water Data from the Omar and Otay Landfill Sites	4-13
4-6	Summary of Heat-pulse Flow Logging Results	4-15
4-7	Summary of Estimated K_d Values	4-19
4-8	Estimated R Values and TCE Plume Velocities	4-19

TABLE OF CONTENTS (Continued)

LIST OF APPENDICES

LETTER	TITLE
A	Description of USCS and Boring/Monitoring Well Logs
	ULS Report (Utility Detection Survey)
	Well Development and Ground-water Sampling Logs
B	Analytical Laboratory Reports
C	Use of a Geo Flowmeter for the Determination of Ground Water Flow Direction

EXECUTIVE SUMMARY

This report presents the results of a limited ground-water and soil investigation conducted by Ogden Environmental and Energy Services Co., Inc. (Ogden) at the Brandywine Distribution Center, located at 1670 and 1690 Brandywine Avenue in Chula Vista, California. The investigation was conducted on behalf of Chula Vista Industrial Realty, Inc. The purpose of the investigation was to verify the presence of ground-water contamination beneath the site, evaluate ground-water flow direction, velocity and gradient, and assess potential sources of identified contamination.

Two previous investigations have been conducted at the site: a Phase I Environmental Site Assessment conducted by BEM Systems, Inc. in March 1994, and a Phase II subsurface environmental investigation conducted by Ceres Environmental in May 1995. Results of the Phase I site assessment indicated that no regulated or hazardous substances were found to be in current use at the site, nor were such substances being disposed of at the site. Previous tenants were primarily product distributors who would not likely use hazardous substances. The Phase II investigation results indicated that halogenated and non-halogenated volatile organic compounds (HVOCs and VOCs) occur in site soil and ground water. The observed soil impacts were located adjacent to the water table and likely associated with ground water contamination. According to the previous Phase I and Phase II investigation results, hazardous substances, especially compounds such as trichloroethene (TCE), tetrachloroethene (PCE), and methylene chloride that were detected in site soil and ground water were not used or likely disposed of at the site. BEM Systems therefore concluded that an offsite source of the observed VOC and HVOC contamination was likely. Known potential offsite sources include the former Omar rendering facility, located approximately 700 feet east of the site (the Omar facility accepted Class 1 liquid industrial wastes from 1959 to 1978), and the Otay Landfill, located approximately one-half mile northeast of the site. Extensive documentation exists in San Diego Regional Water Quality Control Board (SDRWQCB) files that indicates significant TCE and methylene chloride contamination occurs in soil and ground water at the Omar facility.

This limited soil and ground-water investigation, conducted between February 5 and March 13, 1996, included completion and sampling of five soil borings, installation and sampling of five ground-water monitoring wells, analytical testing of soil and ground-water samples, heat pulse flow logging to determine ground water flow direction, gradient and velocity, geochemical evaluation of ground water, and report preparation.

Results of this investigation indicated no detectable soil contamination (VOCs and HVOCs) occurs within the unsaturated zone onsite. However, relatively high VOC and HVOC ground-water contamination was encountered in the central portion of the site, with lower concentrations detected throughout the remainder of the site.

Heat pulse flow logging results from the central portion of the site (MW-03 and MW-04) indicate that ground-water flow in this area of the site appears to be in a generally westward direction. Observed ground-water flow rates ranged from 2.7 to 13.9 feet per day. These measurements are generally consistent with the overall direction of the measured hydraulic gradient. Heat pulse flow logging of outlying wells indicated no measurable flow (MW-01 and MW-05) or variable flow (MW-02).

Results of geochemical analysis of site ground water indicate that site ground water is of poor quality, with generally high total dissolved solids, hardness, electrical conductivity sulfate, and chloride. The ground water is not considered to be a potable water resource by the SDRWQCB (SDRWQCB 1995). One well (MW-02) had considerably lower general minerals results than the others, suggesting a localized freshwater source such as irrigation water or a leaking water line.

Contaminant mobility calculations indicate that a TCE plume originating at the Omar facility could migrate to the subject site within a relatively short time period (0.4 to 2.7 years). Because no evidence indicates that an onsite source of the observed ground-water contamination exists, and based on the results of the ground-water flow direction, velocity and gradient measurements, the most likely source of ground water contamination appears to be the adjacent Omar facility. To be effective, potential ground-water remediation activities would have to be initiated at the offsite contaminant source rather than at the subject site.

SECTION 1
INTRODUCTION AND SITE DESCRIPTION

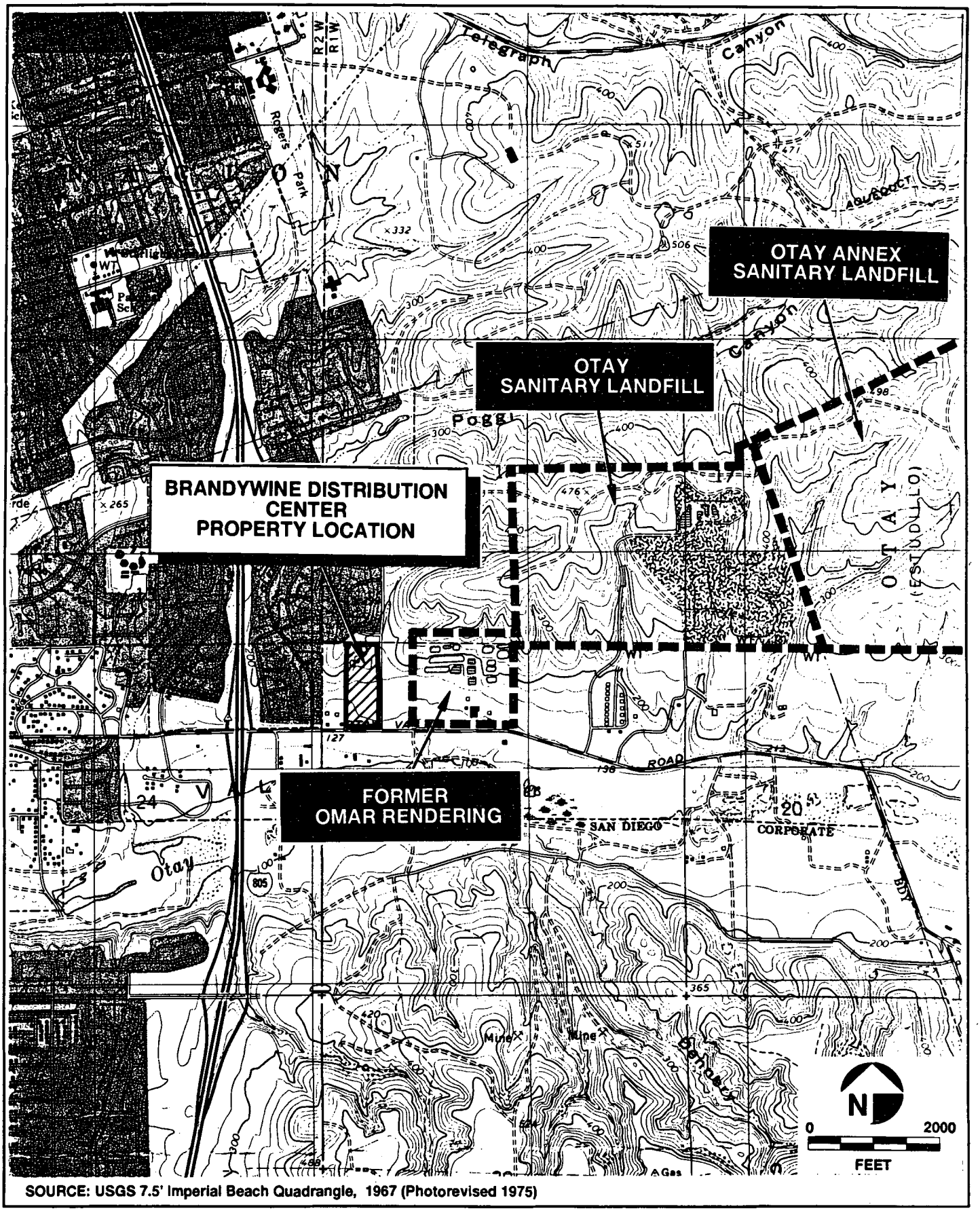
1.1 INTRODUCTION

This report presents results of a limited soil and ground-water investigation conducted at the Brandywine Distribution Center (subject site), located at 1670 and 1690 Brandywine Avenue in Chula Vista, California. A project location map is shown in Figure 1-1. This investigation was conducted by Ogden Environmental and Energy Services Company, Inc., (Ogden) for Chula Vista Industrial Realty, Inc. at the request of Mr. Robert C. Lascelles. The investigation was conducted to verify the presence of ground-water contamination beneath the subject site, evaluate ground-water flow direction, velocity, and gradient, and assess potential sources of the identified contamination.

This report includes an introduction and site description (Section 1); a discussion of previous investigations conducted at the subject site (Section 2); field investigation activities (Section 3); investigation results and discussion (Section 4); conclusions and recommendations (Section 5); references (Section 6) and limitations (Section 7).

1.2 SITE DESCRIPTION

The subject site is located along the west side of Brandywine Avenue, immediately north of Otay Valley Road, in Chula Vista, California (Figure 1-1). According to a previous Phase I Environmental Site Assessment performed for the property, the site consists of two rectangular parcels with a combined area of 9.84 acres (BEM 1994). The subject property contains two commercial/light industrial buildings located at 1670 and 1690 Brandywine Avenue, located across Shinohara Lane from each other. The majority of the site is paved with asphalt, with landscaping around the edges of the site. The site generally slopes from north to south and ranges in elevation from approximately 175 feet above mean sea level (MSL) along the northern boundary to approximately 130 feet MSL along the southern site boundary.



SOURCE: USGS 7.5' Imperial Beach Quadrangle, 1967 (Photorevised 1975)

OGDEN

Project Location Map

FIGURE 1-1

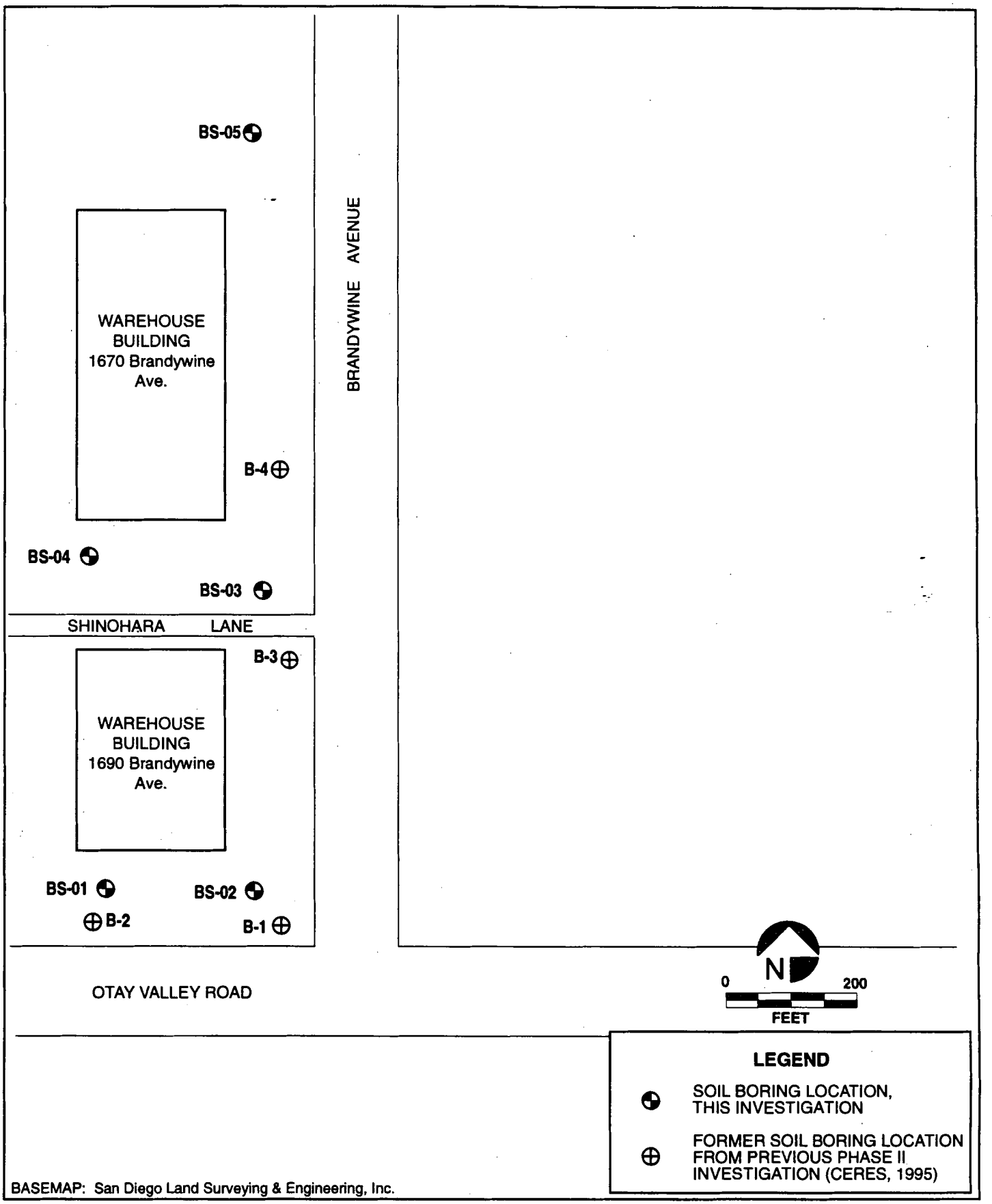
SECTION 2
PREVIOUS INVESTIGATIONS

Two previous environmental investigations have been conducted at the subject site, including a Phase I Environmental Site Assessment and a Phase II subsurface soil assessment. BEM Systems, Inc. (BEM) conducted a Phase I investigation in March, 1994. The purpose of the Phase I investigation was to identify existing or potential environmental hazards and to recommend whether further investigation would be warranted.

According to the Phase I report, the site was believed to be previously undeveloped. Based on a site reconnaissance and interviews with current building tenants, no regulated or hazardous substances were found to be in current use at the site, nor were such substances being disposed of at the site. According to the property manager, previous tenants were primarily product distributors who would not likely use hazardous substances. Current tenants were reported to be involved in the sale or distribution of lumber, hardware, dried flowers, halogen lamps, and Easter baskets, and would not be likely to use hazardous substances (BEM 1994).

A Phase II subsurface environmental investigation conducted by Ceres Environmental (CERES) in May, 1995, provided data indicating that soil and ground water beneath the subject site contains halogenated and non-halogenated volatile organic compounds (HVOCs and VOCs). Four soil borings were excavated on May 12 and 15, 1995, as shown in Figure 2-1. Soil samples collected at the soil/ground-water interface from borings B-1, B-3, and B-4 were submitted to an analytical laboratory for analysis (refusal on large cobbles was encountered in B-2 prior to reaching ground water). Ground-water samples were also obtained from soil borings B-1, B-3, and B-4. Table 2-1 presents the analytical results for soil and ground water.

CERES concluded that the most likely source of the observed HVOCs and VOCs in soil and ground water was the former Omar Rendering (Omar) site, located approximately 700 feet east of the subject site. The Omar site is described in the 1994 BEM Phase I report as being listed in the CORTESE, CERCLIS, CALSITES, and SWIS environmental databases. According to files reviewed by CERES at the San Diego Regional Water Quality Control Board (SDRWQCB), the Omar Rendering facility accepted Class I liquid industrial wastes from 1959 to 1978. These liquids, which included organic solvents,



BASEMAP: San Diego Land Surveying & Engineering, Inc.

OGDEN

Soil Boring Locations for Present and Previous Investigation

FIGURE

2-1

X:\GRAPHICS\BRANDYWIN\BASEMAP.FH5

Table 2-1

ANALYTICAL RESULTS FROM PREVIOUS PHASE II SUBSURFACE INVESTIGATION

Analyte	B-01-50 (soil)	B-04-70 (soil)	B-01-W-01 (ground water)	B-03-W-02 (ground water)	B-04-W-03 (ground water)
Trichloroethene (TCE)	<5 µg/l	59 µg/kg	470 µg/l	680 µg/l	430 µg/l
Tetrachloroethene (PCE)	<5 µg/l	<5 µg/l	12 µg/l	14 µg/l	11 µg/l
1,1-dichloroethene	<5 µg/l	<5 µg/l	32 µg/l	46 µg/l	8.2 µg/l
1,1-dichloroethane (DCA)	<5 µg/l	5 µg/kg	25 µg/l	<5 µg/l	27 µg/l
1,1,2-trichloroethane	<5 µg/l	<5 µg/l	19 µg/l	17 µg/l	<5 µg/l
1,2-dichloroethane	<5 µg/l	<5 µg/l	4 µg/l	6 µg/l	<5 µg/l
cis-1,2-dichloroethene	<5 µg/l	<5 µg/l	<5 µg/l	3 µg/l	<5 µg/l
Methylene chloride	<20 µg/l	<20 µg/l	<5 µg/l	<20 µg/l	10 µg/l
Chloroform	<5 µg/l	<5 µg/l	7.9 µg/l	11 µg/l	4.3 µg/l
Benzene	<5 µg/l	<5 µg/l	<5 µg/l	3.1 µg/l	<5 µg/l
Total xylenes	6.2 µg/kg	<5 µg/l	<5 µg/l	<5 µg/l	<5 µg/l

Source: CERES 1995

µg/kg	micrograms per kilogram
µg/l	micrograms per liter
<5	Indicates laboratory detection limit
B-01-50	Boring (B) - Boring Number (01) - Depth Below Ground Surface (50 feet)
B-03-W-02	Boring (B) - Boring Number (03) - Water Sample (W) - Sample Number (02)

were stored in large surface impoundments in the northern portion of the site (CERES 1995).

Based on the proximity of the Omar site to the subject property, the period of time that evaporation ponds were in operation, and the anticipated southwestward ground-water flow direction, CERES concluded that the adjacent Omar site was most likely the source of ground-water contamination beneath the subject site. The Otay Landfill, located approximately 1/2 mile northeast of the subject property, was also identified as a possible secondary contamination source (CERES 1995).

Files reviewed by Ogden at the Site Assessment and Mitigation (SA/M) Division of the County of San Diego Department of Environmental Health indicate that ground-water contamination beneath the Omar site is well documented. A site investigation report for the Omar site by Dames and Moore (1989) indicates that trichloroethene (TCE) was detected in 7 of 9 ground-water monitoring wells at concentrations ranging from 3 to 1,100 parts per billion (ppb). In addition, several metals were detected in ground-water samples, with mercury and selenium exceeding primary drinking water standards in several monitoring wells. An annual ground-water monitoring report by Dames and Moore (1995) indicates that TCE concentrations as high as 3,000 micrograms per liter (µg/l) were measured in ground water beneath the Omar site between 1989 and 1994. A 1996 addendum to the 1989 Dames and Moore report by Risk-Based Decisions, Inc. indicates that a ground-water TCE concentration of 21,000 µg/l was measured in a monitoring well located within the area occupied by the former southwestern surface impoundment at the Omar site.

Available SA/M files were also reviewed for the property occupied by Hyspan Precision Products, Inc. This property is located at 1685 Brandywine Avenue, directly east of the subject site on the eastern side of Brandywine Avenue. According to the County of San Diego Compliance Inspection Report, a single 1,000-gallon diesel fuel underground storage tank (UST) was removed from the property in February, 1986. No indication of soil or ground-water contamination was apparent in the tank excavation. In addition, a 1994 Compliance Inspection Report for the Hyspan property indicates that onsite machinery was observed to be leaking oil to the ground. Available records did not indicate that any other hazardous materials releases, leaks, or removals have been reported at this property. Based on these records, the Hyspan property does not appear to be a possible source for HVOCs and VOCs detected in ground water at the subject site.

SECTION 3
FIELD INVESTIGATION ACTIVITIES

The current field investigation activities were performed by Ogden at the subject property between February 5 and March 13, 1996. The activities included a subsurface utility detection survey; drilling and soil sampling; installation, development, and sampling of monitoring wells; land surveying; heat-pulse flow logging; and management of investigation-derived waste (IDW). The following sections describe these activities.

3.1 UNDERGROUND UTILITY CHECK AND UTILITY DETECTION SURVEY

Underground Service Alert (USA) was contacted prior to commencement of field activities. All utility companies contacted by USA indicated that no underground utilities were present in the direct vicinity (i.e., within 5 feet) of proposed boring/monitoring well locations.

An underground utility detection survey was conducted by Underground Location Services Company (ULS) of La Jolla, California, on February 5, 1996. The underground utility survey was conducted to locate and identify underground cables, pipes and utilities at each boring location. ULS performed an Electromagnetic Pipe and Cable Location (EMPCL) conductive utility survey, which utilized passive, ground induction and connection modes. ULS also conducted an Electromagnetic Induction (EMIND) sweep for potential metal mass interference. A 10-foot radius around each boring was investigated. No anomalous readings or underground utilities were identified at any of the five boring locations surveyed. The utility detection survey report by ULS is included in Appendix A.

3.2 SOIL SAMPLING

Soil sampling activities were conducted on February 10 and 11, and on February 17 and 18, 1996. Valley Well Drilling of Ventura, California, provided the drilling services. A total of five soil borings were conducted to depths ranging from 56.5 to 91 feet below ground surface (bgs). Soil boring locations BS-01 through BS-05 are shown in Figure 2-1. Three borings were conducted at 1670 Brandywine Avenue and two were conducted at 1690 Brandywine Avenue.

Soil borings were conducted using a Failing F-6 drill rig equipped with 8-inch (outside diameter) hollow-stem augers. Soil cuttings were examined every 10 feet to identify

changes in lithology, soil moisture, and organic vapor concentrations. Soil sampling was accomplished using a California Modified 1 3/8" inside diameter split-spoon sampler equipped with three 6-inch brass sleeves. Soil samples were obtained by driving the sampler with a 140-pound hammer dropped from a height of 30 inches in accordance with ASTM D 1586. Two to three split-spoon samples were collected from each boring, for a total of 13 samples. Sample locations were selected to include at least one sample each from the unsaturated and saturated zones.

The ends of the sample sleeves were covered with Teflon tape, capped, labeled, and placed immediately on ice. Headspace vapor analysis was performed as a field screening technique for assessing whether organic contaminants were present in soil samples. This was done by first placing a portion of the soil sample or cuttings into a zip-lock plastic bag. After the bag was allowed to remain in the sun for several minutes, an H-Nu™ photoionization detector (PID) was used to measure organic vapor concentrations within the plastic bag. Soil classification and sampling activities were conducted by a State of California Registered Geologist. Soils were logged using the Unified Soil Classification System (USCS) in accordance with ASTM D 2488. Soil boring logs are included in Appendix A, along with a description of the USCS.

All drilling equipment was decontaminated using a hot-water high pressure washer system prior to the commencement of field activities and between each boring. Field sampling equipment (e.g., split-spoon samplers, sleeves, caps, etc.) was decontaminated prior to sampling and between each sample using Ogden's standard decontamination procedures, which include a wash in a laboratory grade detergent, potable water rinse, isopropyl alcohol spray, potable water rinse, and distilled water rinse. All decontamination fluids were containerized in DOT approved 55-gallon drums and temporarily stored onsite pending sampling results.

3.3 MONITORING WELL INSTALLATION

The five soil borings (BS-01 through BS-05) were converted to monitoring wells (MW-01 through MW-05) following soil sampling activities. A two-inch polyvinyl chloride (PVC) ground-water monitoring well was installed in each boring. Well screens consisted of slotted PVC with 0.010-inch slot size. Well screen sections were 20 feet in all monitoring wells except MW-01, in which a 30-foot section of well screen was installed due to a large amount of ground-water rise following drilling activities. All installation procedures were

conducted in accordance SA/M Division requirements as specified in the 1996 SA/M Manual. Surface completions for each well consisted of a flush-mounted traffic box finished with a Class A cement surface seal in accordance with SA/M requirements. Monitoring-well construction was overseen by a State of California Registered Geologist. Well construction logs are included in Appendix A.

Following installation, each monitoring well was developed in accordance with SA/M division requirements. A surge and bail method was used to develop the monitoring wells. Each well was surged with a surge block for a minimum of 20 minutes, after which ground water was removed with a bailer. Purged water was monitored for pH, temperature, turbidity and electrical conductivity. The process of alternately surging the well and removing ground water with a bailer was continued until the parameters stabilized and until ground water became substantially less turbid. All purged water was drummed in DOT approved 55-gallon drums and temporarily stored onsite. Appendix A contains the monitoring-well development records.

3.4 GROUND-WATER SAMPLING

Ground-water samples were collected from monitoring wells MW-01 through MW-05 on February 27, 1996, in accordance with SA/M Division requirements, following a minimum 72-hour period after monitoring well development. Prior to sampling, depths to ground water were measured and each monitoring well was purged by pumping with a 2-inch Grundfos™ submersible pump, which was decontaminated prior to use and between monitoring wells. Purged water was monitored for temperature, pH, and conductivity. Purging was continued until these parameters stabilized with successive measurements. Well development and purge records are included in Appendix A. Purge water was contained and stored onsite in 55-gallon DOT-approved drums. Ground-water samples were collected from each well with disposable polyethylene bailers.

3.5 SOIL AND GROUND-WATER SAMPLE ANALYSIS

Soil and ground-water samples collected for analysis were delivered with proper chain-of-custody documentation to CKY Inc. Analytical laboratories, in Torrance, California. Soil samples were analyzed for halogenated and non-halogenated VOCs using EPA methods 8010/8020 and for Total Organic Carbon (TOC) using EPA method 90-3.2 ASA. All thirteen soil samples collected were submitted for analysis.

Ground-water samples were analyzed for halogenated and non-halogenated VOCs using EPA methods 8010/8020, and for general chemistry constituents and metals (various EPA Methods). Five ground-water samples were submitted for analysis. Complete copies of original analytical laboratory reports for soils and ground water are included in Appendix B.

3.6 Surveying and Depth to Ground-water Measurements

San Diego Land Surveying & Engineering, Inc. was subcontracted to survey the monitoring well elevations. Monitoring wells were surveyed to a vertical accuracy of 0.01-foot using a bench mark reference to mean sea level. All monitoring wells were surveyed at a notch located at the top of the PVC casing to provide a datum for water-level measurements. Depth to ground water was measured in each monitoring well on February 27, 1996, prior to ground-water sampling activities. Ground-water depths were measured with respect to the notch at the top of the PVC casing using a Solinst Model 101 water-level meter.

3.7 Heat-pulse Flow Logging

Heat-pulse flow (HPF) logging was performed at the subject site on March 12 and 13, 1996, using a Model 200 GeoFlo™ ground-water flow meter. A heat-pulse flow meter is a hydrological logging device used to determine ground-water flow direction and velocity in monitoring wells and open boreholes. A heat-pulse flow meter operates by emitting a heat pulse and measuring subsequent temperature changes in the ground water as a result of the ground-water movement. Direct small-scale ground-water velocity and flow direction measurements can therefore be made within a single well. An article (Gutherie 1986) describing the use of a heat-pulse flow meter is included in Appendix C.

Ground-water velocities and flow directions were directly measured in MW-02, MW-03, and MW-04. Ground-water flow measurements were conducted at two different depths in each monitoring well. A minimum of four velocity measurements were collected at each depth and averaged to provide a mean ground-water flow velocity measurement and error range. Measurable ground-water flow was not detected in MW-01 and MW-05. Ground-water flow direction measurements were referenced to magnetic north and subsequently corrected to true north.

3.8 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

A total of 41 55-gallon DOT-approved drums of investigation-derived waste (IDW) were generated during this investigation. Drum contents include soil cuttings, purge water, decontamination water, unused grout, and asphalt. Other IDW, including used tyvek coveralls, nitrile gloves, used headspace bags, and plastic sheeting, were double-bagged, sealed, and disposed of as municipal waste. Drums were labeled, sealed, and stored temporarily onsite pending analytical results. Details of IDW disposal will be provided in a separate report.

SECTION 4
INVESTIGATION RESULTS AND DISCUSSION

4.1 General Geologic Conditions

According to the Phase II report by CERES (1995), the subject site is underlain by river terrace deposits of Holocene age (less than 11,000 years old). These deposits are underlain by Pliocene-age (less than 5 million years old) deposits of the San Diego Formation (Kennedy and Tan 1977; Kuper and Gastil 1977). The terrace deposits are described as unconsolidated sand, gravel, and clay derived from older geologic units. The San Diego Formation consists of yellowish-brown to reddish-brown, fine- to medium-grained marine sandstone.

The closest mapped fault is the La Nacion fault zone. A strand of the La Nacion fault zone has been mapped as trending approximately north-south in the general vicinity of Brandywine Avenue adjacent to the eastern edge of the subject site (Kennedy and Tan 1977; Kuper and Gastil 1977). This fault strand is presently considered to show evidence of offset during Quaternary time (last 1.6 million years) but not during Holocene time (Jennings 1994).

4.2 Regional Ground-Water Conditions

The subject site is located within the Otay Valley Hydrologic Area (HA) of the Otay Hydrologic Unit of the San Diego Drainage Province (SDRWQCB 1995). Ground water within the Otay HA generally flows from east to west, along the course of the Otay River, toward San Diego Bay. Ground-water quality in portions of the Otay HA is considered to be of poor quality due to high total dissolved solids (TDS) and elevated chloride concentrations. High chloride content may be due partially to the presence of connate water and dissolved salts within marine sediments (Dames and Moore 1989). According to the current Water Quality Control Plan for the San Diego Basin (the Basin Plan), the subject site lies within a portion of the Otay Hydrologic Unit that is designated as having beneficial uses only for industrial purposes; however, discussions with staff at the SDRWQCB indicate that ground-water beneath the Brandywine site is not exempted from having municipal and agricultural beneficial uses (verbal comm. with Brian McDaniel on May 8, 1996).

4.3 SUBSURFACE SOIL CONDITIONS

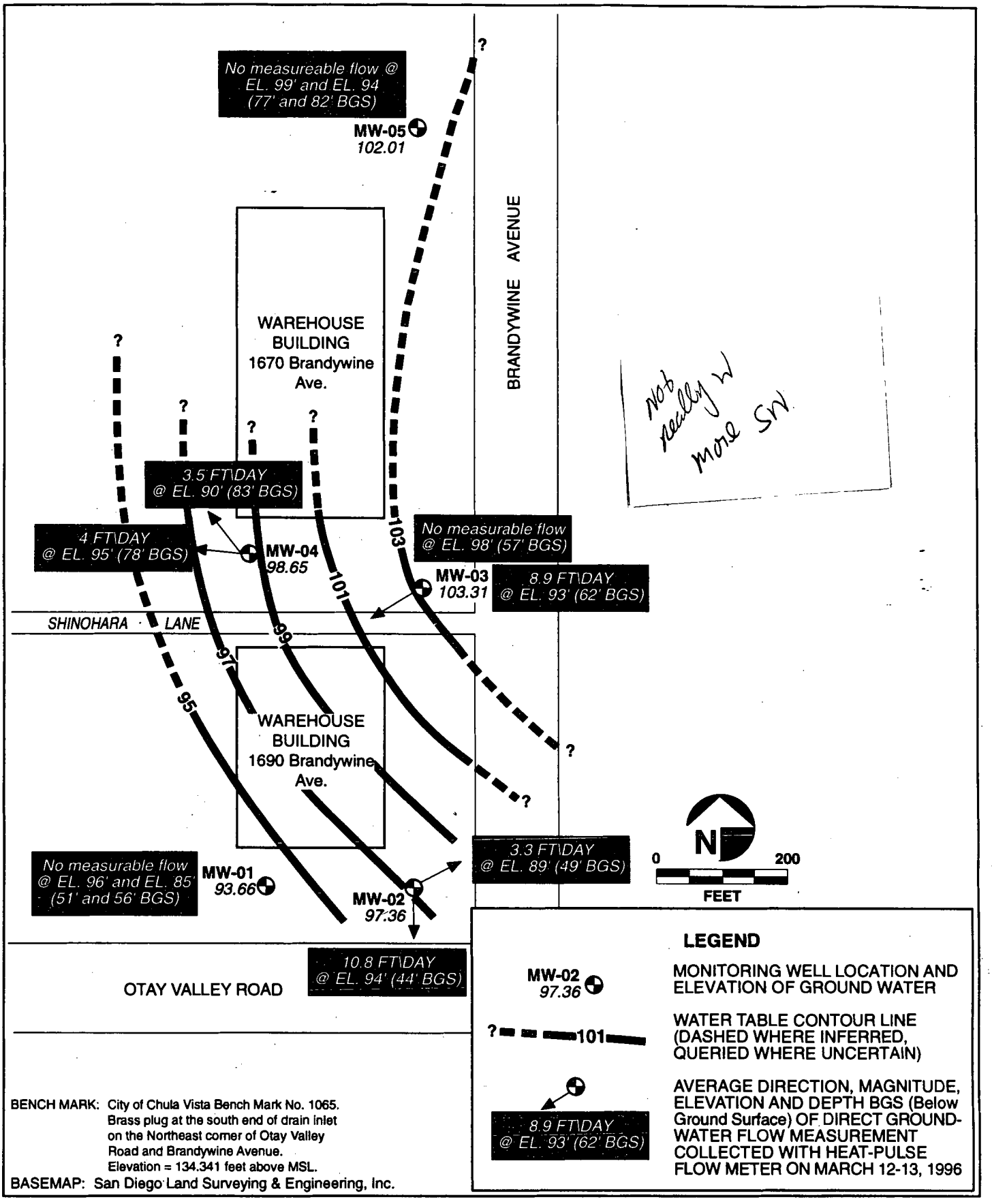
Subsurface conditions encountered during this investigation were generally similar to those described in the previous Phase II subsurface investigation (CERES 1995). Probable fill soils were encountered in the upper few feet bgs of BS-01, BS-02, and BS-04. These soils were lithologically similar to the underlying terrace deposits and consisted primarily of moist, brown to light olive brown, silty sand in BS-01 and BS-04, and dark grayish brown, moist clay in BS-02. Terrace deposits were encountered beneath fill soils in BS-01, BS-02, and BS-04, and consisted of brown to dark grayish brown, moist, dense, silty sands and clays. No fill soils were encountered in BS-03. Terrace deposits encountered in BS-02 were finer grained than in other borings. Cobbly horizons characterized by difficult drilling conditions were encountered at approximately 25 to 37 feet bgs in BS-01, 28 to 33 feet bgs in BS-02, and 40 to 50 feet bgs in BS-03. The San Diego Formation was encountered beneath the terrace deposits at depths ranging from the ground surface in BS-05 to depths of 65 to 70 feet bgs in BS-04. All five borings were terminated within the San Diego Formation, which consisted of moist to wet, dense to very dense, micaceous, olive brown silty sand and silt.

No hydrocarbon or solvent odors were detected in any of the borings, nor was any visual evidence of soil contamination (i.e., staining, discoloration, etc.) observed. Slight headspace PID readings of 1 to 2 parts per million (ppm) were measured between 36 and 67 feet bgs in BS-04 and at 36 feet bgs in BS-05.

4.4 SITE GROUND-WATER CONDITIONS

Ground water was encountered at depths ranging from approximately 52.6 feet bgs in MW-02 to 76.3 feet bgs in MW-04. Ground water rose approximately 10 to 13 feet in MW-01, MW-02, and MW-03 within approximately 60 minutes after first being encountered. In contrast, ground water equilibrated at a level approximately 2 feet higher in MW-04 and MW-05 within several hours after boring completion. Ground-water levels in MW-01 and MW-02 recovered relatively quickly subsequent to purging, whereas water levels in MW-03, MW-04, and MW-05 recovered more slowly, as indicated by well purge records (Appendix A).

Ground-water elevations and ground-water contours are shown in Figure 4-1. HPF logging results are discussed in Section 4.6. Ground-water elevations range from 103 feet



BENCH MARK: City of Chula Vista Bench Mark No. 1065. Brass plug at the south end of drain inlet on the Northeast corner of Otay Valley Road and Brandywine Avenue. Elevation = 134.341 feet above MSL.

BASEMAP: San Diego Land Surveying & Engineering, Inc.

OGDEN

Water-table Gradient Map (2/27/96) and Heat-pulse Logging Results
1670 and 1690 Brandywine Avenue, Chula Vista, California

FIGURE
4-1

X:\GRAPHICS\BRANDYWIN\H2OTABLE.FH5

MSL in the northeastern portion of the site to 93.7 feet MSL in the southwestern portion of the site. Monitoring well recovery data from MW-01, MW-02, and MW-03 (presented in previous paragraph) suggest that the uppermost aquifer beneath the site is somewhat confined (i.e., under pressure) locally; however, static ground-water elevations across the site indicate that ground-water generally flows from northeast to southwest, as evidenced by the trend of the ground-water contours (Figure 4-1). These results indicate that the subject site is down-gradient of the Omar and Otay Landfill sites. The ground-water gradient (i.e., the slope of the ground-water table) at the subject site is approximately equal to 0.02 ft/ft (106 feet per mile).

Figure 4-2 shows a comparison of ground-water contours at the subject site with ground-water contours at the Omar and Otay Landfill sites. As shown in Figure 4-2, ground-water elevations generally increase toward the northeast, indicating that ground-water flow in the uppermost aquifer is generally southwest.

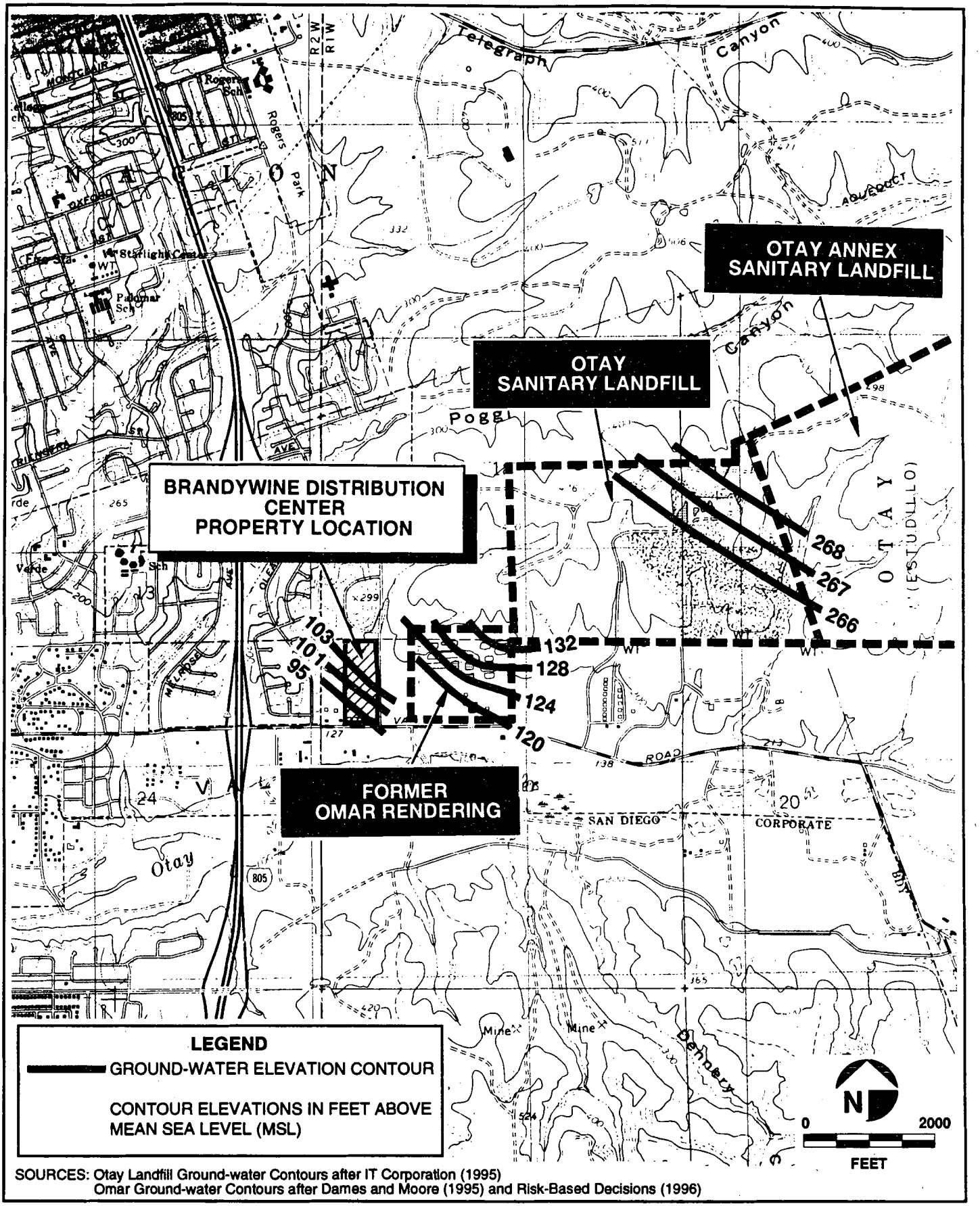
4.5 ANALYTICAL RESULTS

Soil

Soil analytical results are shown in Figure 4-3. HVOCs and benzene, toluene, xylenes, and ethylbenzene (BTXE) were not detected above their respective laboratory detection limits in BS-01, BS-02, and BS-05. None of the soil samples collected within the unsaturated zone contained detectable HVOC or BTXE concentrations.

HVOCs were detected in BS-03 and in BS-04 at depths of 66.5 feet and 86.5 feet bgs, respectively. A trichloroethene (TCE) concentration of 240 µg/kg was detected in sample S03D86.5, collected at a depth of 86.5 feet bgs; a TCE concentration of 16 µg/kg was detected in S02D66.5 in BS-04, collected at 66.5 feet bgs in BS-04. Both of these samples were collected within the saturated zone (i.e., below the ground-water table).

The absence of detectable HVOC and BTXE concentrations within the unsaturated zone, relatively high ground-water HVOC concentrations, and a lack of historical and current hazardous materials usage at the site indicate an offsite contamination source. Table 4-1 lists the total organic carbon (TOC) results for soil. These results and their influence on contaminant mobility are discussed in Section 4.7.

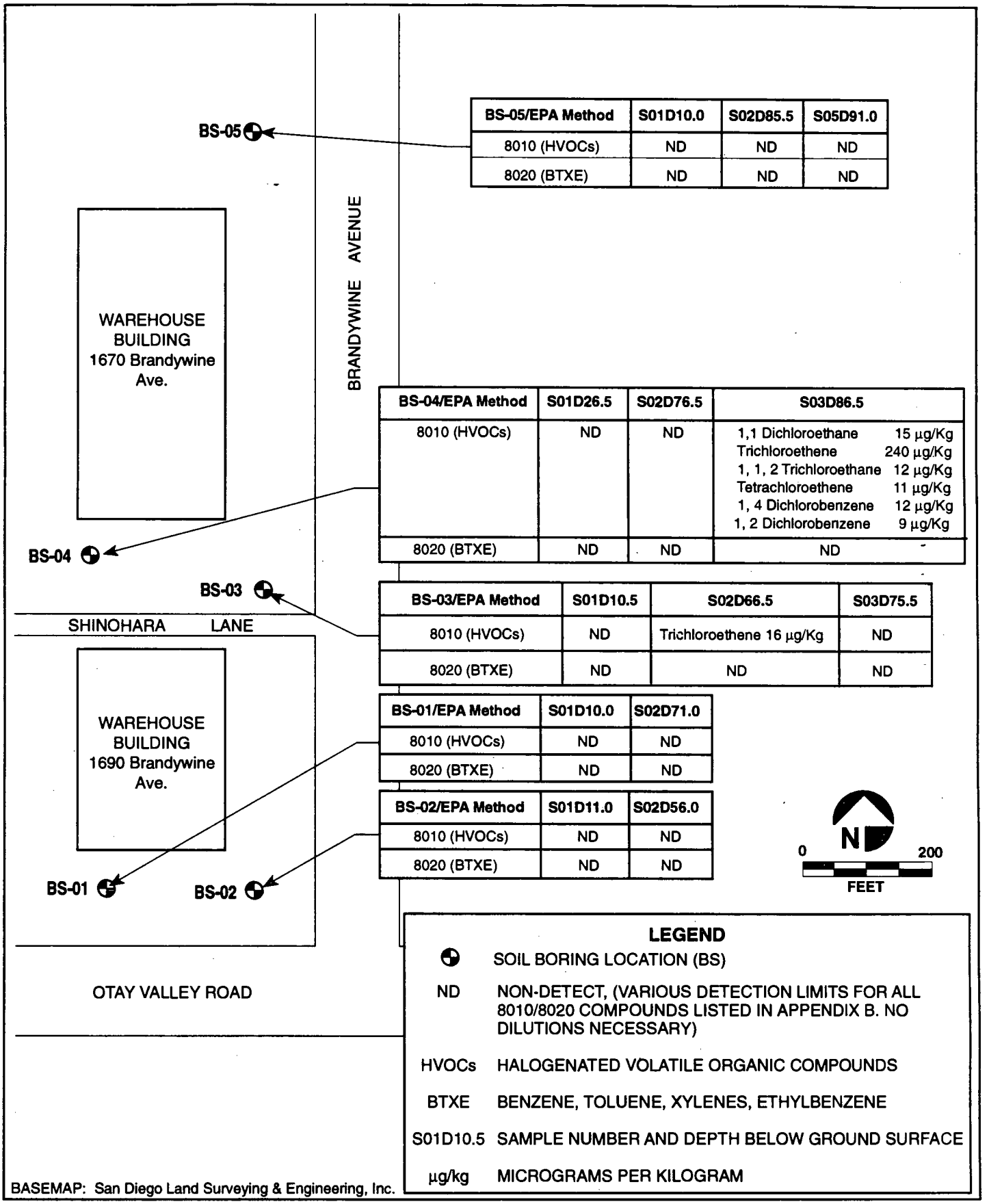


SOURCES: Otay Landfill Ground-water Contours after IT Corporation (1995)
Omar Ground-water Contours after Dames and Moore (1995) and Risk-Based Decisions (1996)

OGDEN

Ground-water Elevations in the Project Vicinity

FIGURE 4-2



BS-05/EPA Method	S01D10.0	S02D85.5	S05D91.0
8010 (HVOCs)	ND	ND	ND
8020 (BTXE)	ND	ND	ND

BS-04/EPA Method	S01D26.5	S02D76.5	S03D86.5
8010 (HVOCs)	ND	ND	1,1 Dichloroethane 15 µg/Kg Trichloroethene 240 µg/Kg 1, 1, 2 Trichloroethane 12 µg/Kg Tetrachloroethene 11 µg/Kg 1, 4 Dichlorobenzene 12 µg/Kg 1, 2 Dichlorobenzene 9 µg/Kg
8020 (BTXE)	ND	ND	ND

BS-03/EPA Method	S01D10.5	S02D66.5	S03D75.5
8010 (HVOCs)	ND	Trichloroethene 16 µg/Kg	ND
8020 (BTXE)	ND	ND	ND

BS-01/EPA Method	S01D10.0	S02D71.0
8010 (HVOCs)	ND	ND
8020 (BTXE)	ND	ND

BS-02/EPA Method	S01D11.0	S02D56.0
8010 (HVOCs)	ND	ND
8020 (BTXE)	ND	ND

LEGEND

⊕	SOIL BORING LOCATION (BS)
ND	NON-DETECT, (VARIOUS DETECTION LIMITS FOR ALL 8010/8020 COMPOUNDS LISTED IN APPENDIX B. NO DILUTIONS NECESSARY)
HVOCs	HALOGENATED VOLATILE ORGANIC COMPOUNDS
BTXE	BENZENE, TOLUENE, XYLENES, ETHYLBENZENE
S01D10.5	SAMPLE NUMBER AND DEPTH BELOW GROUND SURFACE
µg/kg	MICROGRAMS PER KILOGRAM

BASEMAP: San Diego Land Surveying & Engineering, Inc.

OGDEN

Soil Sampling Analytical Results

FIGURE 4-3

X:\GRAPHICS\BRANDYWIN\BASEMAP.FH5

Table 4-1

TOTAL ORGANIC CARBON (TOC) RESULTS FOR SOIL

Soil Sample	Total Organic Carbon (TOC) (fraction by weight)
BS04S01D26.5	0.00079
BS04S02D76.5	0.00019
BS04S03D86.0	0.00015
BS05S01D10.0	0.00027
BS05S04D85.5	0.00011
BS05S05D91.0	0.00072
BS01S01D10.0	0.0021
BS01S02D71.0	0.00354
BS02S01D11.0	0.00078
BS02S02D56.0	0.00059
BS03S01D10.5	0.00171
BS03S02D66.5	0.00038
BS03S03D75.5	0.00032

Appendix B contains the complete analytical laboratory reports for TOC.

Ground Water

General minerals analytical results for ground water are shown in Table 4-2. Ground water beneath the subject site appears to be of poor quality, with elevated total dissolved solids (TDS) concentrations ranging from 2,310 to 10,600 milligrams per liter (mg/l) and chloride concentrations ranging from 598 to 5,400 mg/l.

The general minerals results for MW-02 differ considerably from the results for the other monitoring wells. Specifically, chloride, sulfate, electrical conductivity (EC), total dissolved solids (TDS) and hardness results are much lower for MW-02 than for MW-01, MW-03, MW-04, and MW-05. These results indicate that the ground water in the vicinity of MW-02 is chemically distinct from other portions of the site. This difference may be a result of influence from an anthropogenic water source, such as over-irrigation of the adjacent landscaping or a leaky irrigation line.

The ground-water analytical results for EPA Methods 8010 (HVOCs) and 8020 (BTXE) are shown in Figure 4-4. All five ground-water samples contained detectable concentrations of HVOCs. TCE concentrations in MW-03 and MW-04 are significantly higher than in MW-01, MW-02, and MW-05. TCE concentrations detected in MW-01, MW-02, and MW-05 range from 1.6 to 13 µg/l, while concentrations of 400 and 720 µg/l were detected in MW-03 and MW-04, respectively. Methylene chloride concentrations in MW-01 through MW-05 ranged from 30 to 87 µg/l.

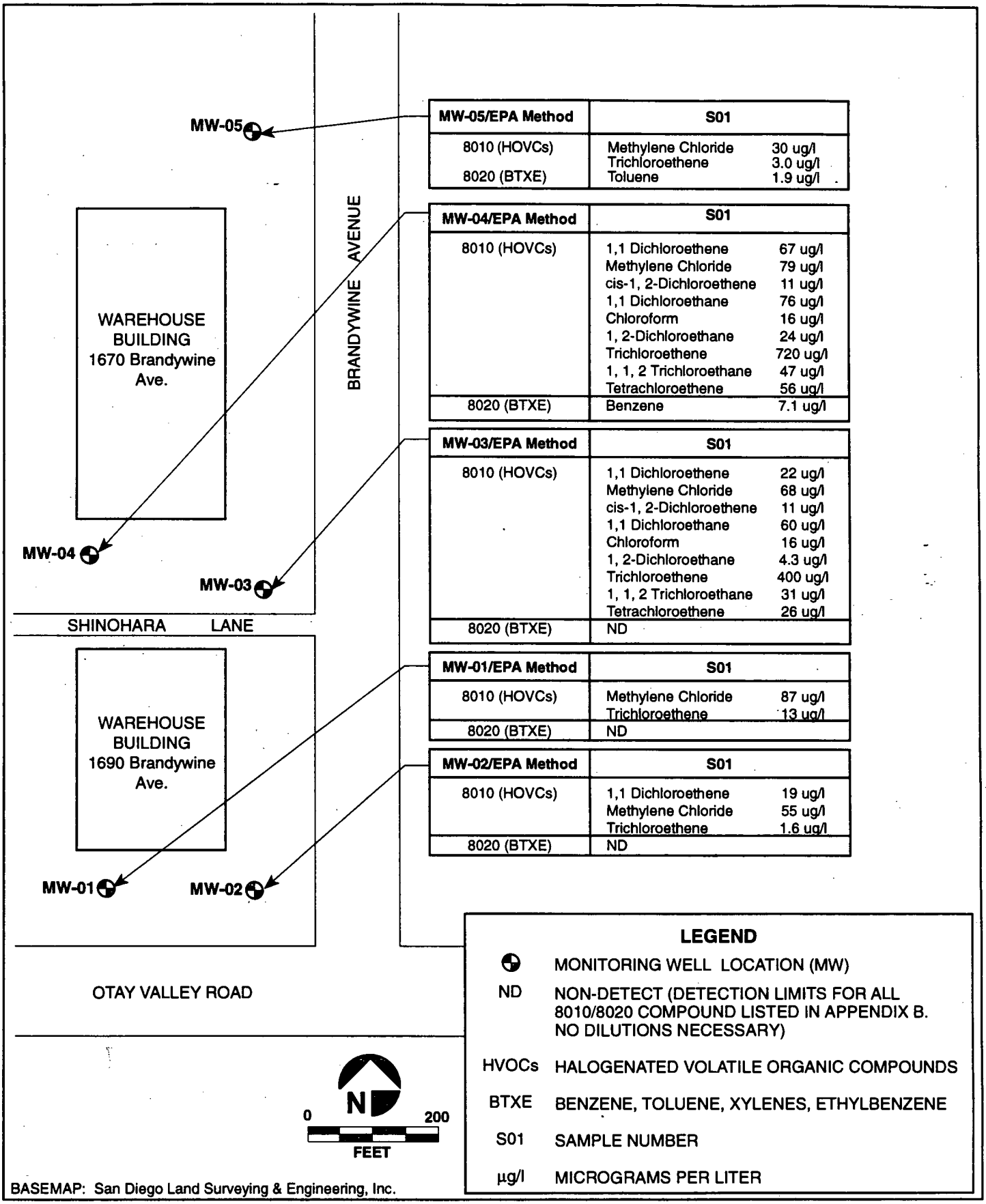
A comparison of the TCE and methylene chloride ground-water results for the subject site and the adjacent Omar and Otay Landfill sites is shown in Table 4-3. Ground-water analytical data for the Omar and Otay Landfill sites were obtained from available reports on file at the San Diego County SA/M Division. As shown in Table 4-3, the maximum TCE concentrations measured in ground-water beneath the Omar site are substantially higher (by one to two orders of magnitude) than concentrations at the subject site and the Otay Landfill site. Methylene chloride concentrations at the Omar site are also higher than concentrations at the subject site.

Table 4-2

GENERAL MINERALS RESULTS FOR GROUND WATER

Parameter (units)/EPA Method	MW-01	MW-02	MW-03	MW-04	MW-05
MBAS (mg/l)/425.1	0.1	ND	0.76	0.73	ND
Turbidity (NTU)/180.1	303	258	3850	684	7240
Alkalinity (mg/l)/310.1	212	526	450	580	104
Chloride (mg/l)/300	4140	598	5400	2450	3330
Sulfate (mg/l)/300	1800	358	1320	1800	1020
Nitrate (mg/l)/300	5.91	17.4	231	228	8.57
Fluoride (mg/l)/300	0.81	1.57	0.77	0.71	0.99
pH/150.1	7.4	7.9	7.3	7.6	7.3
EC (µmhos/cm)/120.1	11900	3720	16700	10800	9740
TDS (mg/l)/160.1	7900	2310	10600	7820	5800
Color (color units)/110.2	10	10	40	40	10
Odor/140.1	ND	ND	ND	ND	ND
Hardness (mg/l)/130.2	3960	337	3320	1880	2500

mg/l:	Milligrams per liter
NTU:	Nephlometric Turbidity Units
MBAS:	Methylene Blue Active Substances
EC:	Electrical Conductivity
µmhos/cm:	Micro-ohms per centimeter
TDS:	Total Dissolved Solids



MW-05/EPA Method	S01	
8010 (HOVCs)	Methylene Chloride	30 ug/l
	Trichloroethene	3.0 ug/l
8020 (BTXE)	Toluene	1.9 ug/l

MW-04/EPA Method	S01	
8010 (HOVCs)	1,1 Dichloroethene	67 ug/l
	Methylene Chloride	79 ug/l
	cis-1, 2-Dichloroethene	11 ug/l
	1,1 Dichloroethane	76 ug/l
	Chloroform	16 ug/l
	1, 2-Dichloroethane	24 ug/l
	Trichloroethene	720 ug/l
	1, 1, 2 Trichloroethane	47 ug/l
	Tetrachloroethene	56 ug/l
8020 (BTXE)	Benzene	7.1 ug/l

MW-03/EPA Method	S01	
8010 (HOVCs)	1,1 Dichloroethene	22 ug/l
	Methylene Chloride	68 ug/l
	cis-1, 2-Dichloroethene	11 ug/l
	1,1 Dichloroethane	60 ug/l
	Chloroform	16 ug/l
	1, 2-Dichloroethane	4.3 ug/l
	Trichloroethene	400 ug/l
	1, 1, 2 Trichloroethane	31 ug/l
	Tetrachloroethene	26 ug/l
8020 (BTXE)	ND	

MW-01/EPA Method	S01	
8010 (HOVCs)	Methylene Chloride	87 ug/l
	Trichloroethene	13 ug/l
8020 (BTXE)	ND	

MW-02/EPA Method	S01	
8010 (HOVCs)	1,1 Dichloroethene	19 ug/l
	Methylene Chloride	55 ug/l
	Trichloroethene	1.6 ug/l
8020 (BTXE)	ND	

LEGEND

⊕	MONITORING WELL LOCATION (MW)
ND	NON-DETECT (DETECTION LIMITS FOR ALL 8010/8020 COMPOUND LISTED IN APPENDIX B. NO DILUTIONS NECESSARY)
HVOCs	HALOGENATED VOLATILE ORGANIC COMPOUNDS
BTXE	BENZENE, TOLUENE, XYLENES, ETHYLBENZENE
S01	SAMPLE NUMBER
µg/l	MICROGRAMS PER LITER

BASEMAP: San Diego Land Surveying & Engineering, Inc.

OGDEN

Ground-water Sampling Analytical Results

FIGURE 4-4

X:\GRAPHICS\BRANDYWIN\BASEMAP.FH5

Table 4-3

COMPARISON OF TCE AND METHYLENE CHLORIDE GROUND-WATER RESULTS WITH ADJACENT SITES

Site[1]	Distance and Direction from Subject Site	Range of TCE Concentrations in Ground Water[2]	Range of Methylene Chloride Concentrations in Ground Water[2]
Brandywine Distribution Center (Subject Site)	N/A	<1-720 µg/l	<8-87 µg/l
Omar Rendering	0.2 miles east	<1-21,000 µg/l	<5-14,000 µg/l
Otay Landfill	0.5 miles northeast	<0.1-32 µg/l	not measured

N/A Not applicable.
[1]Brandywine analytical data from results of present investigation and previous Phase II investigation (CERES 1995). Omar Rendering data from Dames and Moore (1995) and Risk-Based Decisions (1996). Otay Landfill Data from IT Corporation (1993) and County of San Diego (1994). Otay Landfill data shown are for uppermost (perched) aquifer.
[2]A less-than symbol (<) followed by a value indicates the laboratory detection limit.

Although both the Otay Landfill and the Omar facility are located upgradient from the subject site, ground-water TCE concentrations beneath the subject site are higher than those detected at the Otay Landfill. In addition, the Omar site is substantially closer to subject site than is the Otay Landfill. Given these observations and analytical results, the Omar site represents a more likely source of ground-water contamination at the subject site than does the Otay Landfill.

Analytical results for metals are shown in Table 4-4. These results, which are for unfiltered ground-water samples, also indicate poor ground-water quality. Table 4-5 shows a comparison of selected metal concentrations in ground water from the subject site with available analytical data from the nearby Omar and Otay Landfill sites. Maximum ground-water metal concentrations generally appear to be higher at the subject site than at the Omar and Otay Landfill sites; however, direct comparisons of metal concentrations among the three sites listed in Table 4-5 are not possible due to varying levels of suspended solids in ground-water at the three sites. Typically, high levels of suspended solids in ground water result in increased total metal concentrations. The main conclusion to be

Table 4-4

METALS RESULTS FOR GROUND WATER

Element (units)/EPA Method	MW-01	MW-02	MW-03	MW-04	MW-05
Antimony (µg/l)/3005	<60	<60	<60	<60	<60
Arsenic (µg/l)/3005	<100	<100	171	<100	303
Barium (µg/l)/3005	284	37.8	762	196	1,480
Beryllium (µg/l)/3005	<5	<5	<5	<5	6.41
Cadmium (µg/l)/3005	<5	<5	<5	<5	<5
Calcium (µg/l)/3005	791,000	79,800	725,000	433,000	519,000
Chromium (µg/l)/3005	67.7	<10	266	54.3	701
Cobalt (µg/l)/3005	16.4	<10	111	36.9	160
Copper (µg/l)/3005	51	<10	129	30.1	255
Lead (µg/l)/3005	<100	<100	158	<100	230
Magnesium (µg/l)/3005	481,000	33,400	366,000	195,000	291,000
Mercury (µg/l)/7470	<0.2	<0.2	0.54	0.28	5.13
Molybdenum (µg/l)/3005	73.9	<50	<50	<50	<50
Potassium (µg/l)/3005	40,100	3,670	62,700	21,400	114,000
Nickel (µg/l)/3005	37.5	<20	325	217	182
Selenium (µg/l)/3005	<200	<200	<200	<200	3,590
Silver (µg/l)/3005	<10	<10	<10	<10	<10
Sodium (µg/l)/3005	1,110,000	605,000	268,000	1,620,000	1,380,000
Thallium (µg/l)/3005	<500	<500	1,440	<500	2,540
Vanadium (µg/l)/3005	115	29.1	647	111	1,010
Zinc (µg/l)/3005	440	38.4	1,290	482	4,220

A less-than symbol (<) followed by a value indicates the laboratory detection limit.

Table 4-5

COMPARISON OF SITE GROUND-WATER METAL CONCENTRATIONS WITH GROUND-WATER DATA FROM THE OMAR AND OTAY LANDFILL SITES

Element	Range of Ground-water Concentrations at Brandywine Site	Range of Ground-water Concentrations at Omar Site[1]	Range of Ground-water Concentrations at Otay Landfill[2]
Arsenic (µg/l)	<100-303	<30-140	<10-17
Barium (µg/l)	37.8-1,480	<40-220	<200-440
Chromium (µg/l)	<10-701	<10-70	<10-600
Lead (µg/l)	<100-230	<8-12	<10-80
Mercury (µg/l)	<0.2-5.13	<3.3-7.3	<0.2-0.4
Selenium (µg/l)	<200-3,590	<16-42	<10-27
Thallium (µg/l)	<500-2,540	<60-540	<10-430

Notes:

1 From Dames and Moore (1989). Metal concentrations converted from parts per million.

2 From IT (1993). Metal concentrations converted from mg/l.

A less-than symbol (<) followed by a value indicates the laboratory detection limit.

drawn from Table 4-5 is that elevated metal concentrations occur in the ground water beneath all three sites.

4.6 HEAT-PULSE FLOW LOGGING RESULTS

HPF logging results are presented in Table 4-6 and Figure 4-1. Ground-water flow directions and velocity measurements obtained from HPF logging are considered approximate due to variability in the HPF data; however, these results are generally consistent with ground-water flow directions indicated by the trend of the ground-water contours (also shown in Figure 4-1). The HPF data and the ground-water contours both indicate that ground-water beneath the subject site flows in a southwest to northwest direction. Vertical variability of the ground-water flow field was also observed, as is typical for many aquifers (Fetter 1988).

The results from MW-03 indicate a southwest flow direction of approximately 3.9 to 13.9 feet per day, with an average value of approximately 8.9 feet per day. HPF logging results indicate that ground-water flow in the vicinity of MW-04 is generally west to northwest at velocities ranging from approximately 2.7 to 4.3 feet per day, with average values of 3.5 to 4.1 feet per day. No measurable flow was detected in MW-01 and MW-05, located in the southern and northern portions of the site, respectively. Based on the flow meter instrument sensitivity and on site ground-water conditions, ground-water flow in the direct vicinity of these wells is estimated to be less than about 1 foot per day. Measured ground-water flow directions in each monitoring well generally exhibited 10 to 30 degrees of variability, and ground-water flow velocity measurements generally exhibited approximately 0.2 to 5 feet per day of variability.

A northeast ground-water flow of approximately 3 feet per day was measured at 49 feet bgs in MW-02, whereas a southward flow of approximately 11 feet per day was measured at 44 feet bgs in MW-02. These results may reflect localized influence from an anthropogenic surface water source, as discussed in Section 4.5. Alternatively, these results may reflect a natural variability of the overall ground-water flow field, as discussed below.

One explanation for the vertical variability of flow directions and velocities measured in MW-02 is that since HPF measurements are made at a point source (i.e., a particular level in a small-diameter monitoring well), such measurements may reflect localized flow irregularities through the aquifer material rather than regional ground-water flow directions.

Table 4-6

SUMMARY OF HEAT-PULSE FLOW LOGGING RESULTS

Monitoring Well	Depth to Water at Time of Flow Measurement[1]	Depth of Flow Measurement[1]	Magnitude of Ground-water Flow	Direction of Ground-water Flow (azimuth)
MW-01	48.05 ft	51 ft	< 1 ft/day	NM
		56 ft	< 1 ft/day	NM
MW-02	41.6 ft	44 ft	10.8 +/- 0.8 ft/day	171° +/- 10°
		49 ft	3.3 +/- 1.4 ft/day	69° +/- 30°
MW-03	52.09 ft	57 ft	< 1 ft/day	NM
		62 ft	8.9 +/- 5 ft/day	261° +/- 20°
MW-04	75.21 ft	78 ft	4.1 +/- 0.2 ft/day	293° +/- 10°
		83 ft	3.5 +/- 0.8 ft/day	327° +/- 20°
MW-05	74.2 ft	77 ft	< 1 ft/day	NM
		82 ft	< 1 ft/day	NM

[1] Measured from ground surface.
NM Not Measurable

Such flow irregularities can result from locally heterogeneous aquifer conditions such as changes in lithology, which cause significant changes in hydraulic conductivity. Flow variability in MW-02 may therefore be a result of preferential groundwater flow at discrete depths in the direct vicinity of MW-02.

Ground-water elevations and heat pulse flow data indicate an overall westward ground-water flow direction in the direct vicinity of MW-03 and MW-04. HPF data indicate that the most significant ground-water flow is primarily occurring beneath the central portion of the site, as indicated by generally higher flow velocities and more consistent flow directions in this area than in the northern and southern portions of the site (Figure 4-1). Ground-water TCE concentrations are also higher in this portion of the subject site than in the northern and southern portions of the site. This portion of the site is directly down-gradient of the adjacent Omar site; therefore, the Omar site represents the most likely source of ground-water contamination observed at the subject site.

As a rough check of the HPF ground-water velocity results, hydraulic conductivities were back-calculated for aquifer materials from HPF data and from the measured ground-water gradient (i.e., the slope of the water table) beneath the subject site. Hydraulic conductivity (K) is a measure of the rate at which water moves through a permeable medium. Calculated hydraulic conductivities range from 0.014 to 0.073 centimeters per second (cm/s). These values are within a typical K range of 0.0001 to 0.01 for silty sand (Fetter 1988). Measured ground-water velocities at the subject site therefore appear to be realistic values.

4.7 Results of Contaminant Mobility Evaluation

The mobility of TCE in ground-water beneath the subject site and vicinity was evaluated by calculating its retardation factor (R). R represents the degree to which the average velocity of a dissolved contaminant plume in ground water is retarded (i.e., slowed down) relative to the ground-water flow velocity. The larger the R value, the slower the average velocity of the contaminant plume relative to that of the seepage velocity (i.e., the velocity of ground water). R is strongly influenced by the fraction of organic carbon (TOC) in the aquifer material. The higher the fraction of TOC in the aquifer material, the lower the mobility of an organic contaminant, since organic compounds exhibit a strong tendency to sorb onto organic carbon particles within an aquifer (Fetter 1993).

As explained below, average TCE plume velocities (i.e., retarded velocities) derived from estimated *R* values are relatively close to measured ground-water velocities. This indicates that the dissolved TCE ground-water plume beneath the subject site is relatively mobile, since its average velocity is close to that of the ground water. As noted above, aquifer materials contain very little organic carbon, indicating high TCE mobility.

TCE plume travel times from the Omar site to the subject site were estimated to be relatively low (0.4 to 2.7 years); therefore, not much time would be required for a TCE plume originating at the Omar site to migrate to the subject site. Historical TCE concentrations as high as 3,000 µg/l have been measured in ground water beneath the Omar site (Table 4-3). Methylene chloride concentrations as high as 14,000 µg/l have also been measured (Dames and Moore 1995).

Discussion of Contaminant Mobility Results

The retardation factor (*R*) is defined by the following equation:

$$R = 1 + \frac{K_d B_d}{\Theta_{eff}} \qquad \text{(Equation 4-2; Fetter 1988)}$$

where

K_d = the distribution coefficient;

B_d = the bulk density of the aquifer material (assumed to equal 1.3 kg/l); and

Θ_{eff} = the effective porosity of the aquifer material (assumed to equal 0.3).

The distribution coefficient (K_d) in Equation 4-2 is a measure of the equilibrium partitioning of a compound between the sorbed and dissolved phases. A site-specific K_d value can be estimated by dividing the TCE concentration in soil by the TCE concentration in ground water at the subject site. Bulk density (B_d) and effective porosity (Θ_{eff}) values were estimated from typical ranges for these parameters given by Holtz and Kovacs (1981) and Fetter (1988).

Two methods were used to estimate K_d for TCE. The first method used the soil and ground-water analytical results presented in Figures 4-3 and 4-4 to calculate K_d values of approximately 0.04 liters per kilogram (l/kg) and 0.33 l/kg from MW-03 and MW-04 data, respectively (see Table 4-7).

The second method estimated K_d values based on a published relationship between the organic carbon/water partitioning coefficient (K_{oc}) and the octonol/water partitioning coefficient (K_{ow}). K_d is equal to the K_{oc} value for the compound times the organic carbon fraction (Fetter 1988). The higher the organic carbon fraction of the soil, the greater the tendency of the organic compound to sorb onto the soil rather than remain in the ground water, and thus the lower the mobility of the compound in ground water. The TOC results shown in Tables 4-1 and 4-7 provide a measure of the organic carbon fraction present in soil samples from MW-03 and MW-04. K_d values estimated for TCE were calculated based on a published K_{ow} value for TCE (Fetter 1993) and an empirical relationship between K_{ow} and K_{oc} (Karichoff et al. 1979).

Table 4-7 provides a summary of the estimated K_d values for MW-03 and MW-04 obtained by the two methods described above.

Table 4-8 provides a summary of estimated R values using the K_d estimates shown in Table 4-7. The estimated R values shown in Table 4-7 are relatively low, suggesting that TCE in ground water beneath the subject site and vicinity is relatively mobile. Dividing the measured ground-water velocities in MW-03 and MW-04 by the estimated R values shown in Table 4-7 gives the average velocity range of the TCE contaminant plume beneath the subject site. TCE plume velocity estimates are approximately equal to the average ground-water velocities measured in MW-03 and MW-04, indicating very little retardation of the TCE plume.

Dividing the estimated TCE plume velocities in Table 4-8 by the distance from MW-03 and MW-04 to the former Omar evaporation ponds (a distance of 1,000 to 1,500 feet) yields average plume travel times ranging from 0.4 to 2.7 years. This result indicates that a relatively short time period would be required for a TCE plume originating at the Omar site to migrate to the subject site relative to the elapsed time since 1978, when the Omar site stopped receiving hazardous wastes.

Table 4-7

SUMMARY OF ESTIMATED K_d VALUES

Monitoring Well	TCE Concentration Soil	TCE Concentration in Ground Water	K_d Estimated from Analytical Data	Range of TOC Results (percent)	Estimated K_{oc} for TCE[1]	K_d Derived from Estimated K_{oc}
MW-03	16 µg/kg	400 µg/l	0.04 l/kg	0.032-0.17	123	0.04-0.21 l/kg
MW-04	240 µg/kg	720 µg/l	0.33 l/kg	0.015-0.079	123	0.02-0.10 l/kg

[1] Based on a published K_{ow} value for TCE (Fetter 1993) and an empirical relationship between K_{ow} and K_{oc} by Karichoff et al. (1979) (K_{oc}=0.63K_{ow}).

Table 4-8

ESTIMATED R VALUES AND TCE PLUME VELOCITIES

Monitoring Well	Range of Estimated R values (Equation 4-2)	Estimated Average Velocity Range of TCE Plume	Average Ground-Water Velocity (From HPF Data)
MW-03	1.2	7.4 ft/day	8.9 ft/day
MW-04	1.1-2.4	1.5-3.7 ft/day	3.5-4.1 ft/day

SECTION 5
SUMMARY AND CONCLUSIONS

A limited ground-water and soil investigation was conducted at the Brandywine Distribution Center, located at 1670 and 1690 Brandywine Avenue in Chula Vista, California. The investigation was conducted on behalf of Chula Vista Industrial Realty, Inc. to verify the presence of ground-water contamination beneath the subject site, evaluate ground-water flow direction, velocity, and gradient, and determine potential sources of the identified contamination.

The investigation included completion of soil borings, installation and sampling of ground-water monitoring wells, analytical testing of soil and ground-water samples, heat-pulse flow logging, geochemical evaluation of ground water, and report preparation. The following conclusions have been developed as a result of this investigation:

1. Ground-water analytical results indicate elevated HVOC concentrations beneath the central portion of the subject site. TCE concentrations of 400 and 720 µg/l were measured in ground water samples collected from MW-03 and MW-04, respectively. In contrast, MW-01, MW-02, and MW-05 analytical results for ground water displayed much lower HVOC concentrations ranging from 1.6 to 13 µg/l.

2. No detectable concentrations of contaminants were observed in site soil within the unsaturated zone.

3. There is no evidence of historic or current hazardous materials storage, use, or release at the site. Therefore, an offsite source of the detected contamination is indicated.

4. Review of available records indicates that the Hyspan property, located adjacent to the subject site on the eastern side of Brandywine Avenue, does not appear to be a possible source for HVOCs detected in ground water at the subject site. Similarly, HVOC concentrations detected in ground water at the Otay Landfill are lower than those at the subject site; therefore, the Otay Landfill also does not appear to be a likely source of ground-water impacts at the subject site.

5. HPF logging results indicate that ground-water flow beneath the subject site appears to be generally in a westward direction. Results from MW-03 indicate a southwest flow

direction of approximately 3.9 to 13.9 feet per day in the east-central portion of the site, with an average value of approximately 8.9 feet per day. HPF logging results also indicate that ground-water flow in the vicinity of MW-04 is generally west to northwest at velocities ranging from approximately 2.7 to 4.3 feet per day.

6. Direct measurements of ground-water flow direction in the vicinity of MW-03 and MW-04 are generally consistent with the overall direction of the hydraulic gradient. Both lines of evidence indicate an overall westward ground-water flow direction beneath this portion of the subject property. This portion of the subject property displays the highest TCE concentrations in ground water and appears to be located directly down-gradient of the adjacent Omar site.

7. TCE in ground water beneath the subject site and vicinity is relatively mobile, as evidenced by low retardation factor (R) values and estimated TCE plume velocities approaching average estimated ground-water flow velocities. Estimates of the ground-water travel time between the Omar and subject sites suggest that a TCE plume originating at the Omar site could migrate to the subject site within a relatively short time period (approximately 0.4 to 2.7 years).

8. Review of the previous Phase I and Phase II reports for the subject property and review of SA/M Division files indicates that ground-water contamination has been extensively documented beneath the Omar site, with TCE and methylene chloride concentrations in ground water as high as 21,000 and 14,000 µg/l, respectively.

No evidence indicates that ground-water contamination at the subject site has originated from an onsite source. The most likely source for contamination of ground water beneath the subject site appears to be the adjacent Omar site.

SECTION 6
RECOMMENDATIONS

No further site assessment activities are warranted at the subject site. There is no evidence of the storage, use, or release of hazardous chemicals at the site. The results of soil and ground-water testing indicate that the ground-water contamination observed onsite is a result of migration from an upgradient, offsite source or release. To be effective, potential ground-water remediation activities would have to be initiated at the offsite contaminant source rather than at the subject site.

Ogden recommends that this report be submitted to the SDRWQCB. They are currently compiling and evaluating data associated with the known ground-water contamination in the area (per. comm. with Mark Alpert, April 1996). Following SDRWQCB review of this report, it is recommended that Ogden meet with the SDRWQCB on behalf of Chula Vista Industrial Realty, Inc. to discuss the results for the subject site and to request a "no further action" letter specifying that the observed ground-water contamination is not due to former or current site uses or activities and is the result of the migration of releases from offsite sources. Ogden Environmental can assist in this effort as requested.

SECTION 7
REFERENCES

BEM Systems, Inc. 1994. Phase I Environmental Site Assessment, Brandywine Distribution Center, 1670 & 1690 Brandywine Avenue, Chula Vista, California. Prepared for Citicorp Real Estate, Inc., Dallas, Texas.

CERES Environmental. 1995. Phase II Subsurface Soil Assessment, Brandywine Distribution Center, 1670 and 1690 Brandywine Avenue, Chula Vista, California. Prepared for Chula Vista Realty, Inc., Los Angeles, California.

County of San Diego 1994. Final Closure and Postclosure Maintenance Plan, Otay Sanitary Landfill (Class III Portion), prepared by Department of Public Works, May.

Dames and Moore. 1989. Site Investigation, Former Omar Rendering Facility, Chula Vista, California. For Darling Delaware Company, Inc. June.

Dames and Moore. 1995. Annual Groundwater Monitoring Report, Monitoring Record 1994, Omar Rendering Site, 4826 Otay Valley Road, Chula Vista, California. Prepared for Darling Delaware International, Inc. January.

Department of Environmental Health, County of San Diego, Site Assessment and Mitigation (SA/M) Division. 1996. Site Assessment and Mitigation Manual.

Fetter, C.W. 1988. Applied Hydrogeology. Macmillan Publishing Company, New York, New York.

Fetter, C.W. 1993. Contaminant Hydrogeology. Prentice-Hall, Inc., Upper Saddle River, New Jersey.

Freeze, R.A. and Cherry, J.A. 1987. Groundwater. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

Gutherie, M. 1986. Use of a Geo Flowmeter for the Determination of Ground Water Flow Direction. Ground Water Monitoring Review. Vol. 6, No. 1.

Holtz, R.D. and Kovacs, W.D. 1981. An Introduction to Geotechnical Engineering. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

IT Corporation. 1993. Report of Disposal Site Information, Otay Annex Sanitary Landfill. Prepared for County of San Diego Department of Public Works. June.

IT Corporation. 1995. 1994 Annual Report. Chapter 15 Detection Monitoring Program, Otay/Otay Annex Landfill. February.

Jennings 1994. Fault Activity Map of California and Adjacent Areas. California Division of Mines and Geology, California Geologic Data Map, Map No. 16.

Karichoff, S.W., Brown, D.S., and Scott, T.A. 1979. Sorption of Hydrophobic Pollutants on Natural Sediments. Water Research. Vol. 13.

Kennedy, M.P., and S.S. Tan. 1977. Geology of National City, Imperial Beach and Otay Mesa Quadrangles, southern San Diego Metropolitan Area, California. California Division of Mines and Geology Map Sheet 29, Scale: 1:24,000.

Kuper, H.T., and G. Gastil, 1977. Reconnaissance of marine sedimentary rocks of southwestern San Diego County, *in* Farrand, G., ed., Geology of Southwestern San Diego County, California and Northwestern Baja California, San Diego Association of Geologists Guidebook.

Risk-Based Decisions, Inc. 1996. Addendum to Site Investigation and Risk Assessment for the Former Omar Rendering Site, Chula Vista, California. Prepared for Darling International, Inc.

San Diego Regional Water Quality Control Board (SDRWQCB). 1995. Water Quality Control Plan for the San Diego Basin (Region 9).

SECTION 8
LIMITATIONS

The data presented in this report are intended for use in the course of a site investigation. The data cited herein should not be used for other than its intended purpose. Furthermore, Ogden's conclusions are based solely on these data.

Changes in the condition of the project site may occur with time due to either natural processes or human activities. The site investigation was carried out using the degree of care and skill ordinarily exercised under similar circumstances by qualified professionals; no further warranty is made.

APPENDIX A

DESCRIPTION OF USCS AND BORING/MONITORING WELL LOGS

ULS REPORT

WELL DEVELOPMENT AND GROUND-WATER SAMPLING LOGS

DESCRIPTION OF USCS AND BORING/MONITORING WELL LOGS

DEFINITION OF TERMS

PRIMARY DIVISIONS			SYMBOLS		SECONDARY DIVISIONS
COARSE GRAINED SOILS More Than Half of Material is Larger Than No. 200 Sieve Size	GRAVELS More Than Half of Coarse Fraction is Larger Than No. 4 Sieve	CLEAN GRAVELS (Less Than 6% Fines)		GW	Well graded gravels, gravel-sand mixtures, little or no fines
				GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
		GRAVEL With Fines		GM	Silty gravels, gravel-sand-silt mixtures, non-plastic fines
				GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines
	SANDS More Than Half of Coarse Fraction is Smaller Than No. 4 Sieve	CLEAN SANDS (Less Than 6% Fines)		SW	Well graded sands, gravelly sands, little or no fines
				SP	Poorly graded sands, gravelly sands, little or no fines
		SANDS With Fines		SM	Silty sands, sand-silt mixtures, non-plastic fines
				SC	Clayey sands, sand-clay mixtures, plastic fines
FINE GRAINED SOILS More Than Half of Material is Smaller Than No. 200 Sieve Size	SILTS AND CLAYS Liquid Limit is Less Than 50%			ML	Inorganic silts, rock flour, fine sandy silts or clays, and clayey silts with non- or slightly-plastic fines
				CL	Inorganic clays of low to medium plasticity, gravelly clays, silty clays, sandy clays, lean clays
				OL	Organic silts and organic silty clays of low plasticity
	SILTS AND CLAYS Liquid Limit is Greater Than 50%			MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts, clayey silt
				CH	Inorganic clays of high plasticity, fat clays
				OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS				Pt	Peat and other highly organic soils

GRAIN SIZES

SILTS AND CLAYS	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		
200	40	10	4	3/4"	3"	12"	

U.S. STANDARD SERIES SIEVE — CLEAR SQUARE SIEVE OPENINGS

RELATIVE DENSITY		CONSISTENCY		
SANDS, GRAVELS AND NON-PLASTIC SILTS	BLOWS/FOOT*	CLAYS AND PLASTIC SILTS	BLOWS/FOOT*	*NUMBER OF BLOWS OF 140 POUND HAMMER FALLING 30 INCHES TO DRIVE A 3 INCH O.D. (2 INCH I.D.) SPLIT SPOON
VERY LOOSE	0 - 6	VERY SOFT	0 - 3	
LOOSE	6 - 14	SOFT	3 - 6	
MEDIUM DENSE	14 - 43	FIRM	6 - 12	
DENSE	43 - 71	STIFF	12 - 23	
VERY DENSE	>71	VERY STIFF	23 - 46	
		HARD	>46	

OGDEN

Unified Soil Classification System

FIGURE

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-17-96 / 0815
DATE/TIME FINISHED 02-17-96 / 1040
COORDINATES N/A,
ELEVATION AND DATUM
TOP OF CASING ELEVATION 141.48

BORING NUMBER BS-MW01
COMPLETION DEPTH 71 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie
CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
0							SM	Asphalt at surface		0
1–14									2" SCHEDULE 40 PVC; GROUT	1–14
5								**SILTY SAND** fine- to medium-grained sand, probable fill (75% sand, 25% fines)		
8							SM	ALLUVIUM/TERRACE DEPOSITS		
10			BWBS01S01D11.0	15 25 25	0.0			**SILTY SAND** brown 10YR4/3, moist, dense, fine-grained (75% sand, 25% fines)		

OGDEN

BORING LOG

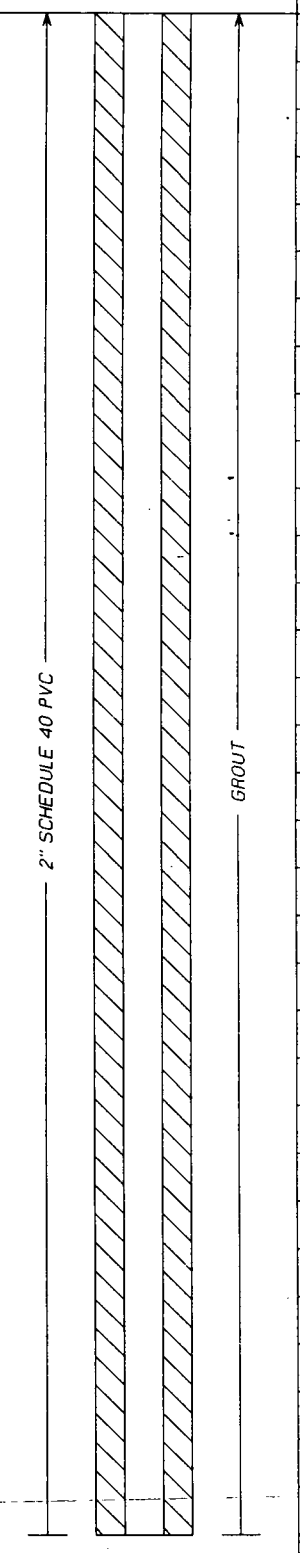
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW01

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 71 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15							SM			15
16										16
17										17
18										18
19										19
20								SILTY SAND same as above		20
21										21
22										22
23										23
24										24
25							SM SC	Abundant cobbles		25
26										26
27										27
28										28
29										29
30										30



BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

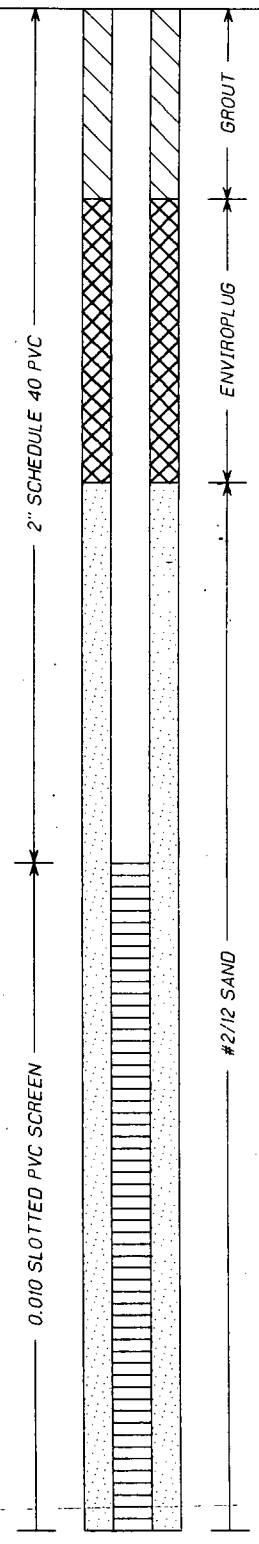
BORING NUMBER BS-MW01

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 71 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
31–46					0.0		SM SC	**SILTY/CLAYEY SAND WITH GRAVEL** dark grayish brown 10YR4/2, moist, dense, low plasticity, very difficult drilling, rock fragments composed of gray fine-grained metavolcanic (?) rock (25% gravel, 60% sand, 15% fines)
					0.0			**SILTY SAND WITH GRAVEL** dark grayish brown 10YR4/2, moist, dense, gravel is composed of metavolcanic (?) and granitics (40% gravel, 40% sand, 20% fines)
							SM	SAN DIEGO FORMATION **SILTY SAND** olive brown 2.5Y4/3, moist, no plasticity, micaceous, fine-grained (85% sand, 15% fines)

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW01

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 71 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
47							SM	
48							ML	
49								
50		100		25	0.0			**SILT WITH SAND** olive brown 2.5Y4/4, moist, hard, micaceous, low plasticity (15% sand, 85% fines)
				35			ML	
51				45				**SILT** dark gray 2.5Y4/1, moist, hard, micaceous, low plasticity, low dry strength (10% sand, 90% fines)
52								
53								
54								
55		100		20	0.0			**SILT** dark gray 2.5Y4/1, same as above
				35				
56				50				
57								
58							ML	
59								
60		83		17	0.0			**SILT WITH SAND** dark gray 2.5Y4/1, same as above with slightly higher percentage of sand, driller reports that center plug is slightly wet (15% sand, 85% fines)
				20				
61				25				
62								

WELL DIAGRAM

0.010 SLOTTED PVC SCREEN

#2/12 SAND

DEPTH feet

OGDEN

BORING LOG

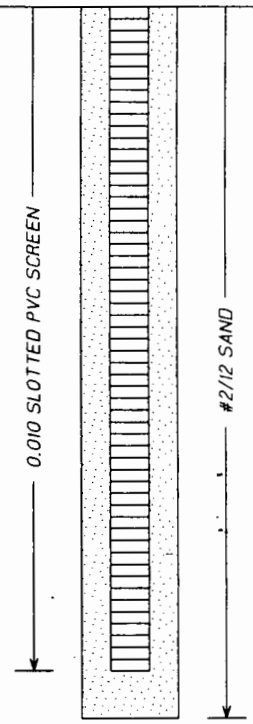
CLIENT *Chula Vista Industrial Realty, Inc.*

BORING NUMBER *BS-MW01*

PROJECT NAME/NUMBER *Brandywine Dist. Ctr, NO. 570920144*

COMPLETION DEPTH *71 ft.*

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
63							ML	
64								
65		88		10	0.0			**SILT WITH SAND TO SILTY SAND** same as above, driller reports that center plug is dry (15% sand, 85% fines)
66				25				
67				50				
68								
69								
70			BWBS01S02D71.0	20				**SILT WITH SAND TO SILTY SAND** same as above but wet, free water present, water rose to 60 feet in 5 minutes
71				37	0.0			BORING COMPLETED TO 71 FEET BGS SET MONITORING WELL, GROUNDWATER FIRST ENCOUNTERED AT 60.5' BGS, GROUNDWATER AT 48.3'BGS AFTER 4 HOURS
72								
73								
74								
75								
76								
77								
78								



WELL DIAGRAM

OGDEN

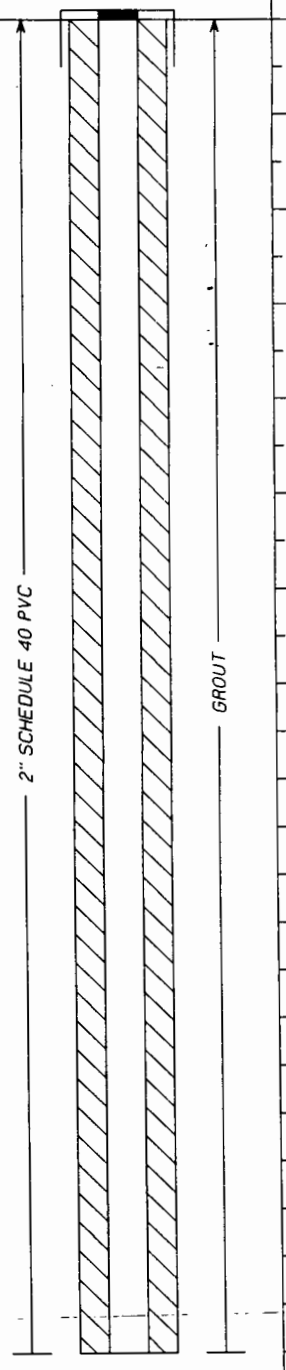
BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-17-96 / 1255
DATE/TIME FINISHED 02-17-96 / 1420
COORDINATES N/A,
ELEVATION AND DATUM
TOP OF CASING ELEVATION 138.22

BORING NUMBER BS-MW02
COMPLETION DEPTH 56.5 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
0							CL	Asphalt at surface
1–13								**LEAN CLAY WITH SAND** dark grayish brown 10YR4/2, moist, medium plasticity, probable fill (15% sand, 85% fines)
8							CL	OVERBANK/TERRACE DEPOSITS
10		77	BWBS02S01D11.0	7 7 15	0.0			**LEAN CLAY** very dark grayish brown 10YR3/2, moist, very stiff, medium plasticity, contains very pale brown 10YR7/3 silty stringers (10% sand, 90% fines)
14								

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

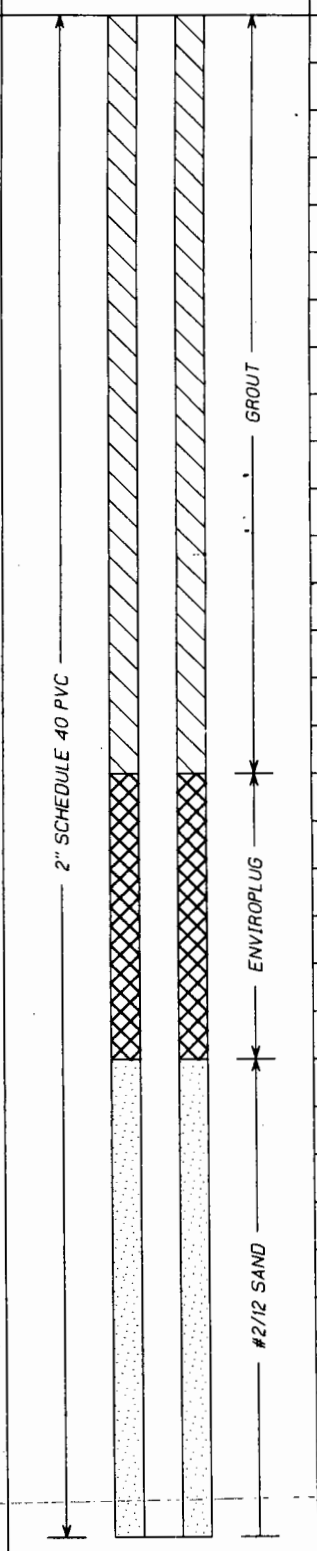
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW02

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 56.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15					0.0		CL			15
16										16
17								**LEAN CLAY WITH SAND** brown 10YR4/3, moist, medium plasticity (15% sand, 85% fines)		17
18										18
19										19
20										20
21										21
22										22
23										23
24										24
25					0.0			**LEAN CLAY WITH SAND** brown 10YR4/3, moist, medium plasticity (15% sand, 85% fines)		25
26										26
27										27
28										28
29							CL	Abundant cobbles, slow difficult drilling from 28.5 to 33 feet bgs		29
30										30



OGDEN

BORING LOG

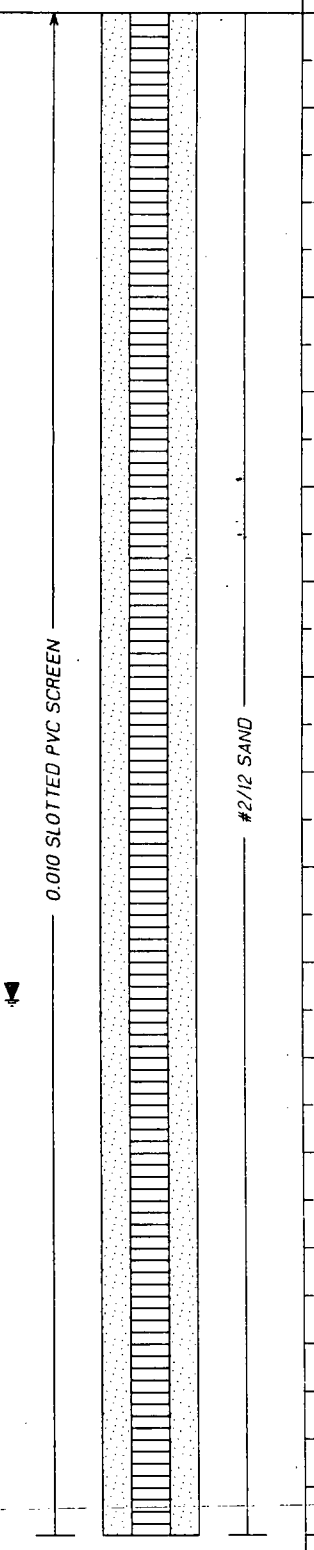
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW02

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 56.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
31							CL			31
32										32
33							SM	SAN DIEGO FORMATION		33
34										34
35								Silty sand cuttings		35
36										36
37										37
38										38
39										39
40										40
41										41
42								Silty sand cuttings		42
43										43
44										44
45										45
46										46



OGDEN

BORING LOG

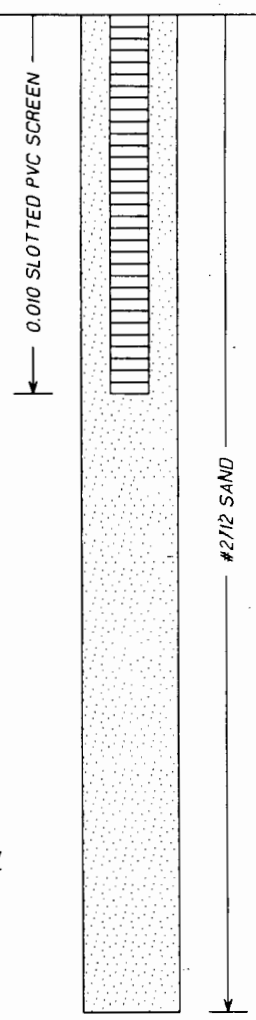
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW02

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 56.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
47							SM			47
48										48
49										49
50										50
51										51
52										52
53										53
54										54
55		88	BWBS02S02D56.0	12				**SILTY SAND** olive brown 2.5Y5/4, moist, very dense, wet, micaceous, no to low plasticity (70% sand, 30% fines)		55
56				25 32				Color changes to dark gray 2.5Y4/1		56
57								BORING COMPLETED TO 56.5 FEET BGS SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 55' BGS, GROUNDWATER AT 40.4' BGS AFTER 1 HOUR 40 MINUTES		57
58										58
59										59
60										60
61										61
62										62



OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-18-96 / 1215
DATE/TIME FINISHED 02-18-96 / 1430
COORDINATES N/A.
ELEVATION AND DATUM -
TOP OF CASING ELEVATION 155.16

BORING NUMBER BS-MW03
COMPLETION DEPTH 76 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie
CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
0							SC	Asphalt at surface
1								ALLUVIUM/TERRACE DEPOSITS
2								**CLAYEY SAND** light yellowish brown 10YR5/8, fine-grained, moist, micaceous, low plasticity (80% sand, 20% fines)
3								
4								
5								
6								
7								
8							CL	
9								
10		44	BWBS03S01D10.5	10	0.0			**LEAN CLAY WITH SAND** light olive brown 2.5Y5/4, moist, hard, micaceous, medium plasticity (40% sand, 60% fines)
11				17				
12				17				ALLUVIUM/TERRACE DEPOSITS
13								
14								

WELL DIAGRAM: 2" SCHEDULE 40 PVC; GROUT

OGDEN

BORING LOG

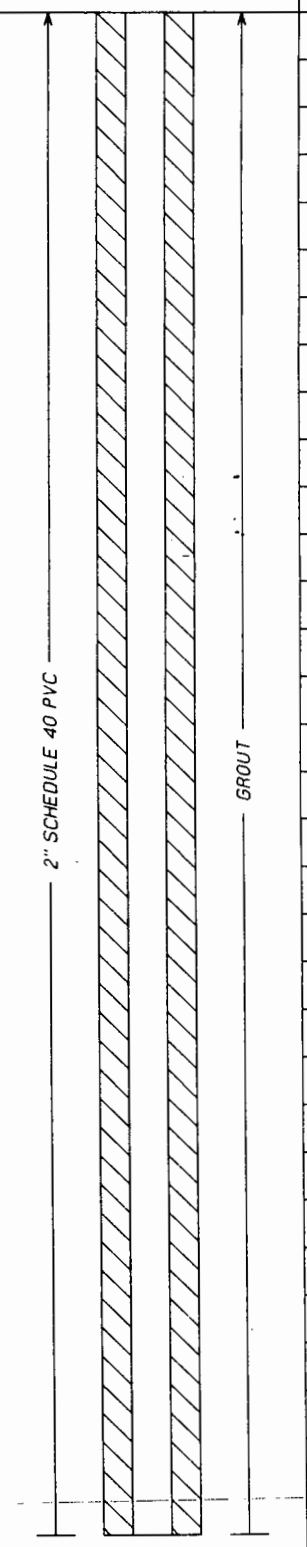
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15							CL			15
16							SC			16
17										17
18										18
19										19
20					0.0			**CLAYEY SAND** dark yellowish brown 10YR4/4, moist, low plasticity, sand is fine- to medium-grained (80% sand, 20% fines)		20
21										21
22										22
23										23
24										24
25										25
26										26
27										27
28										28
29										29
30										30



BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

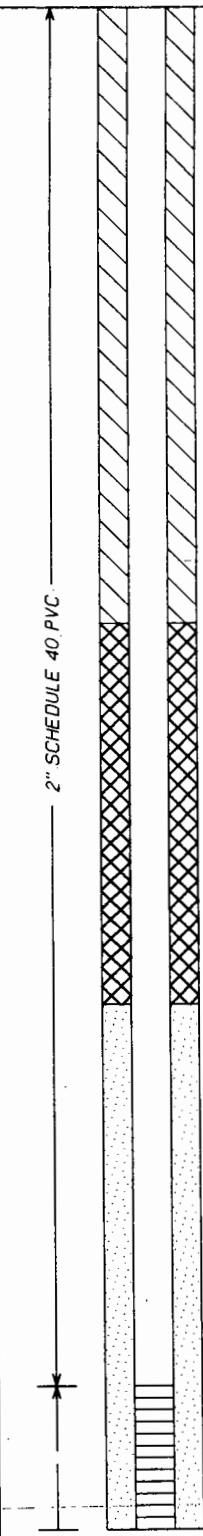
BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
31					0.0		SC	**CLAYEY SAND** fine- to medium-grained, same as above
32								
33								
34								
35								
36								
37								
38								**POORLY GRADED SAND WITH SILT** dark yellowish brown 10YR4/4, dry, fine- to medium-grained sand (90% sand, 10% fines)
39								
40					0.0		SC	Abundant cobbles, difficult drilling, rig chatter, cobble fragments are metavolcanic and granitic rock
41								
42								
43								
44								
45								
46								

WELL DIAGRAM



DEPTH feet

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46

OGDEN

BORING LOG

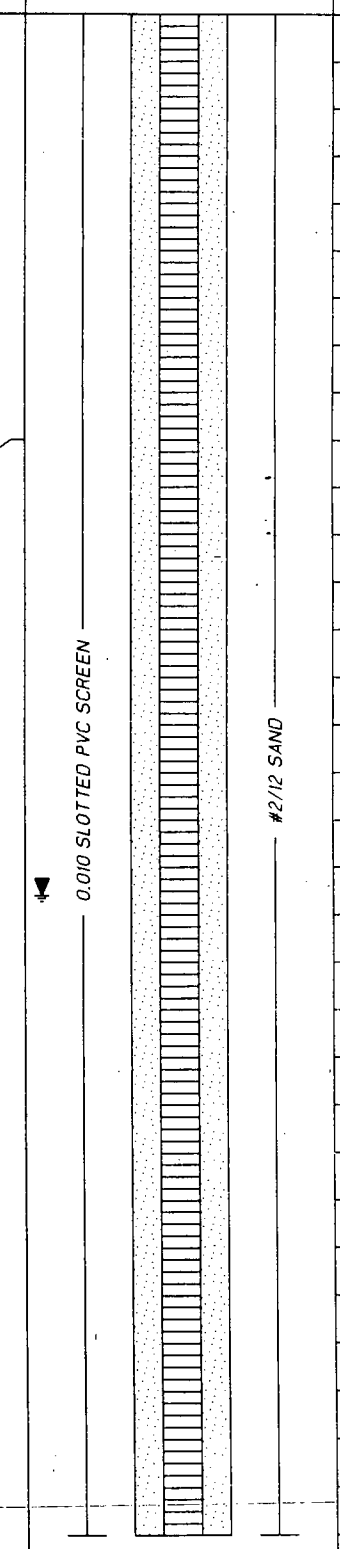
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
47							SC			47
48										48
49										49
50					0.0			**CLAYEY SAND** dark yellowish brown 10YR4/4, moist, medium plasticity (80% sand, 20% fines)		50
51							SC	SAN DIEGO FORMATION		51
52								Silty sand cuttings		52
53										53
54										54
55										55
56										56
57										57
58										58
59										59
60								Silty sand cuttings		60
61										61
62										62



OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
63							SC			63
64										64
65		100		15				SILTY SAND olive brown 2.5Y4/4, moist, dense, micaceous, sand is strong brown 7.5YR4/6, fine-grained, mottled, moist to wet (80% sand, 20% fines)		65
66				25 40						66
67										67
68										68
69									#2/12 SAND	69
70										70
71										71
72										72
73										73
74										74
75			BWBS03S03D75.5	15 27				POORLY GRADED SAND olive brown 2.5Y4/4, wet, dense, micaceous (95% sand, 5% fines)		75
76								BORING COMPLETED TO 76 FEET BGS SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 65' BGS, GROUNDWATER AT 55.3' AFTER 53 MINUTES		76
77										77
78										78

OGDEN

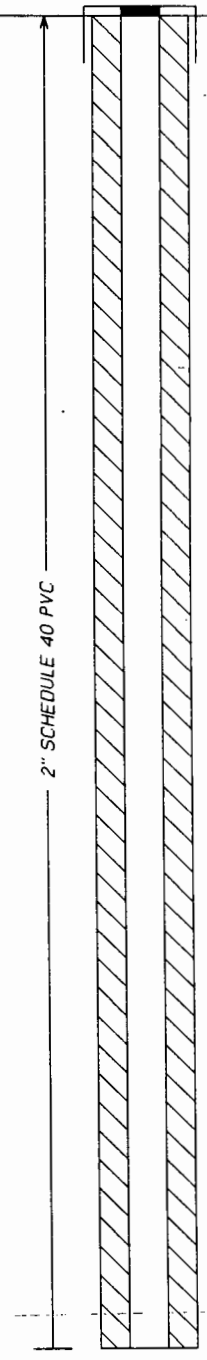
BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-11-96 / 0845
DATE/TIME FINISHED 02-11-96 / 1300
COORDINATES N/A,
ELEVATION AND DATUM -
TOP OF CASING ELEVATION 173.59

BORING NUMBER BS-MW04
COMPLETION DEPTH 86.5 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie
CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
0							SC SM	Asphalt at surface
1							SC SM	**SILTY SAND** light olive brown 2.5Y5/6, moist, probable fill
2								
3								
4								
5								
6								
7							SC SM	
8								
9								
10		5		9				**SILTY/CLAYEY SAND** olive brown 2.5Y4/4, moist, medium dense, contains scattered cobbles and gravels, granitic, poor recovery due to cobbles and gravels, insufficient material to collect sample, probable fill (trace gravel, 70% sand, 30% fines)
11			BWBS04S01D10.5	10 11				
12								
13								
14								

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

CLIENT *Chula Vista Industrial Realty, Inc.*

BORING NUMBER *BS-MW04*

PROJECT NAME/NUMBER *Brandywine Dist. Ctr, NO. 570920144*

COMPLETION DEPTH *86.5 ft.*

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15		22		20 20	0.0		SC SM SC	**SILTY SAND** dark grayish brown 7.5Y4/2, fine-grained, moist, medium dense, no to low plasticity, insufficient recovery to sample, probable fill (trace gravel, 75% sand, 25% fines)	2" SCHEDULE 40 PVC GROUT	15
16										16
17										17
18										18
19										19
20										20
21										21
22										22
23										23
24								Probable fill soils to approximately 25' bgs based on estimated height of fill slope adjacent to boring location		24
25		33		25 40	0.0		SC	ALLUVIUM/TERRACE DEPOSITS **SILTY SAND** dark yellowish brown 10YR4/4, moist, fine-grained, very dense		25
26			BWBS04S01D26.5	50						26
27										27
28										28
29										29
30					0.0					30

BORING LOG

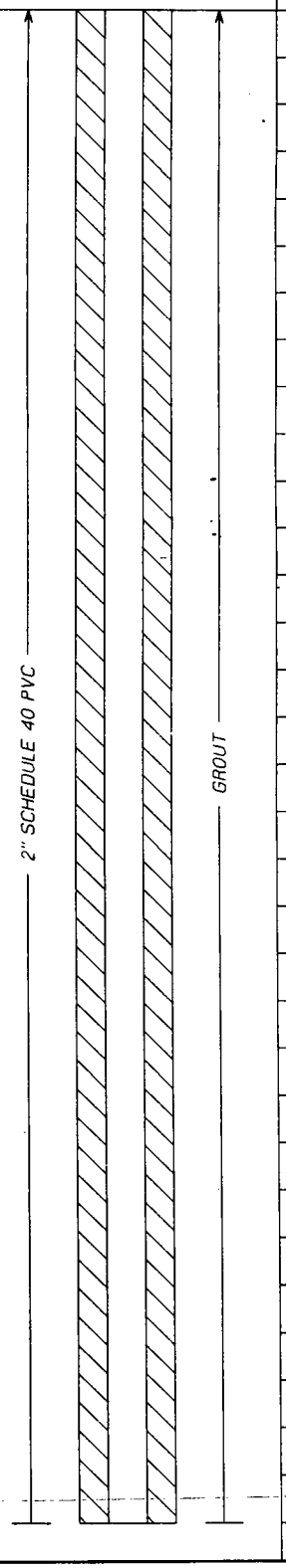
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW04

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 86.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
31							SC	SITLY SAND dark yellowish brown 10YR3/6, moist, same as above		31
32							CL			32
33										33
34										34
35										35
36					1.0			LEAN CLAY WITH SAND AND GRAVEL dark yellowish brown 10YR4/4, moist, low plasticity, scattered gravels up to an inch in diameter, fine-grained sand (20% gravel, 15% sand, 65% fines)		36
37										37
38										38
39										39
40										40
41										41
42										42
43										43
44							SM			44
45										45
46										46



OGDEN

BORING LOG

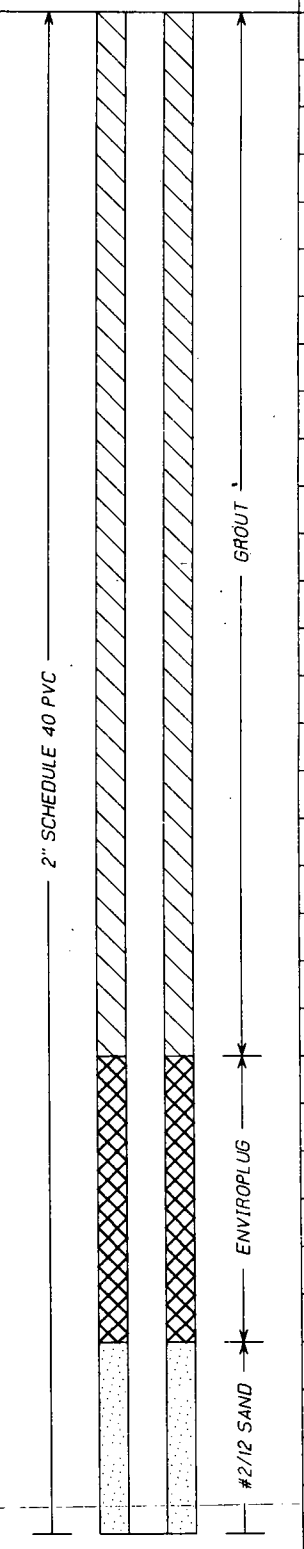
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW04

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 86.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
47							SM			47
48					2.0			**SILTY SAND** dark yellowish brown 10YR4/4, moist fine-grained (85% sand, 15% fines)		48
49										49
50										50
51										51
52										52
53										53
54										54
55										55
56										56
57								**SILTY SAND** same as above		57
58										58
59										59
60										60
61										61
62										62



OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW04

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 86.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
63							SM	
64								
65		40		75				2" Metavolcanic cobble- no soil recovered
66								
67					1.0			
68							SM	SAN DIEGO FORMATION
69								
70		94		20				**SILTY SAND** light olive brown 2.5Y4/4, moist, very dense, mottled, fine-grained, light gray 2.5Y7/1, iron oxide staining locally, micaceous (80% sand, 20% fines)
71				28				
72				40	0.0			
73								
74								
75		77	BWBS04S02D76.5	25				**SILTY SAND** olive brown 2.5Y4/4 to brown 10YR5/3, moist to wet, fine-grained, very dense, same as above (85% sand, 15% fines)
76				35				
77				45				
78								

WELL DIAGRAM

2" SCHEDULE 40 PVC

0.010 SLOTTED PVC SCREEN

#2/12 SAND

▽

DEPTH feet

BORING LOG

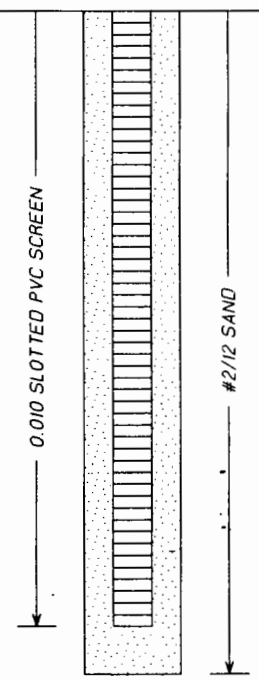
CLIENT *Chula Vista Industrial Realty, Inc.*

BORING NUMBER *BS-MW04*

PROJECT NAME/NUMBER *Brandywine Dist. Ctr, NO. 570920144*

COMPLETION DEPTH *86.5 ft.*

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
79							SM			79
80										80
81										81
82										82
83										83
84										84
85		88	BWBS04S03D86.0	25				**POORLY GRADED SAND WITH SILT** dark yellowish brown 10YR4/6, moist to wet, very dense (90% sand, 10% silt)		85
86				35 50	1.0			BORING COMPLETED TO 86.5 FEET BGS		86
87								SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 76.3' BGS		87
88										88
89										89
90										90
91										91
92										92
93										93
94										94



OGDEN

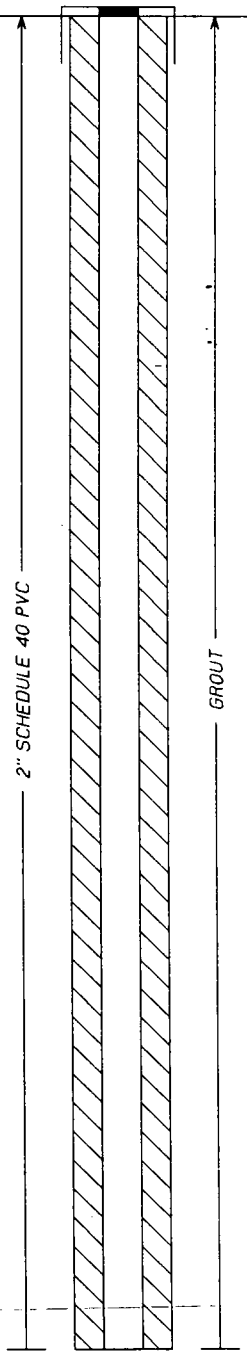
BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-10-96 / 0910
DATE/TIME FINISHED 02-11-96 /
COORDINATES N/A,
ELEVATION AND DATUM
TOP OF CASING ELEVATION 175.85

BORING NUMBER BS-MW05
COMPLETION DEPTH 91 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie
CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
								Asphalt at surface
							SM	SAN DIEGO FORMATION
1								Silty sand cuttings
2								
3								
4								4" cobble noted in cuttings
5								
6								
7								
8								
9								
10		61	BWBS05S01D10.0	15	0.0			**SILTY SAND** light olive brown 2.5Y5/6, moist, locally mottled gray (80% sand, 20% fines)
11				30				
				30				
12								
13								
14								

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

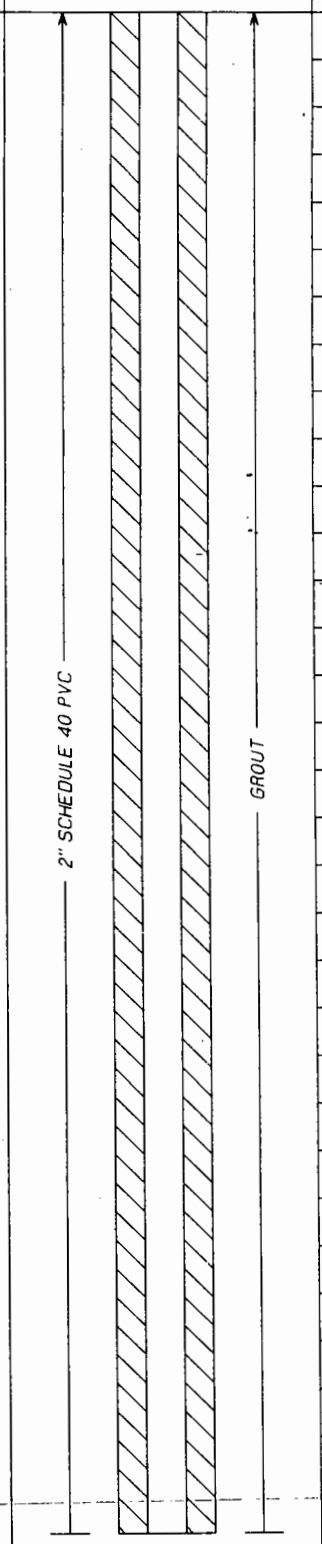
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15							SM			15
16										16
17										17
18										18
19										19
20								Silty sand cuttings		20
21										21
22										22
23										23
24										24
25								SILTY SAND cuttings slightly darker than above		25
26										26
27										27
28										28
29										29
30		77	BWBS05S02D31.5	20	1.0					30



OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
31				30 50			SM	SILTY SAND light yellowish brown 2.5Y6/3, moist, very dense, fine-grained, locally iron-oxide stained (85% sand, 15% fines)
40								Silty sand cuttings, same as above
45		100	BWBS05S03D46.0	35 50				SILTY SAND same as above with less iron-oxide staining, (85% sand, 15% silt)

WELL DIAGRAM

2" SCHEDULE 40 PVC

GROUT

DEPTH feet

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
47							SM			47
48										48
49										49
50										50
51										51
52										52
53								Silty sand cuttings, same as above		53
54										54
55										55
56										56
57										57
58										58
59										59
60					0.0			**SITLY SAND** olive brown 2.5Y4/4, moist, very dense, no odor, darker color than above, slightly more moist, water droplets in headspace bag (85% sand, 15% fines)		60
61										61
62										62

WELL DIAGRAM: 2" SCHEDULE 40 PVC; GROUT; ENVIROPLUG; #2/12 SAND

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
63							SM		2" SCHEDULE 40 PVC	63
64										64
65										65
66										66
67										67
68										68
69										69
70					0.0			SILTY SAND same as above but slightly higher percent of fines (80% sand, 20% fines)	0.010 SLOTTED PVC SCREEN	70
71										71
72									#2/12 SAND	72
73										73
74										74
75								SILTY SAND/CLAYEY SAND olive brown 2.5Y4/3, moist, very dense, cuttings have 1/2" to 1" balls, (80% sand, 20% fines)		75
76										76
77										77
78										78

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER: Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
82					0.0		CL	**LEAN CLAY WITH SAND** dark grayish brown 2.5Y4/2, moist, driller reports drilling slightly different, low to medium plasticity, fine-grained sand (15% sand, 85% fines)
84							SM	
85			BWBS05S04D85.5	25	0.0			**POORLY GRADED SAND WITH SILT** olive brown 2.5Y4/3, wet, very dense, fine- to medium-grained, micaceous, free water in sample, (sampler dripping) (90% sand, 10% fines)
				50				
90		75		40				**SILTY SAND** very dark gray 2.5Y3/1, very dense, slightly organic odor, moist to wet (75% sand, 25% fines)
			BWBS05S05D91.0	75				
91								BORING COMPLETED TO 91 FEET BGS
								SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 76.5' BGS, GROUNDWATER AT 74.5' BGS 40 MINUTES LATER

WELL DIAGRAM: 0.010 SLOTTED PVC SCREEN; #2/12 SAND

DEPTH feet: 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94

ULS REPORT

FACSIMILE

TOTAL NUMBER OF PAGES	5 (inclusive)
DATE	2-5-96
TO	
FACSIMILE NUMBER	458-0943
ATTENTION	Don Barrie
COMPANY	OGDEN
ADDRESS	
CITY, STATE, ZIP	San Diego
FROM	
ULS SERVICES COMPANY Solutions for Environmental and Construction Engineering	**ULS SERVICES COMPANY** **P.O. Box 724** **242 W. Lewis** **Pocatello, ID 83204-0724** **(800) 528-8206 (208) 234-1441**
TELEPHONE	800-528-8206

Please call (800) 528-8206 if you have difficulty reading this document.

COMMENTS: Don - Paperwork from today
Any questions please call

NOTE: This document is confidential and if you are not the intended recipient, disclosure, copying, or distribution of this information is prohibited. Please notify us at the number shown above so that we may retrieve the document at no cost to you.

Thank you, Chris Renner

ULS Services Company

775 Yellowstone Avenue
Pocatello, Idaho 83201
(800) 528-8206

5580 La Jolla Boulevard
La Jolla, California 92037-7651
(619) 459-8598

ULS SERVICES COMPANY
Specialized Services for Environmental and Construction Engineering

WORK ORDER AGREEMENT

ORDER DATE:		ORDERED BY: Don Barrie	
JOB SITE LOCATION: 1690, 1670 Brandywine	JOB P.O. No.:	CLIENT: Ogden	
CITY: Chula Vista	STATE: Ca	BILLING ADDRESS: 5510 Morehouse Dr.	
PHONE:	BOOK/PAGE-ZONE:	CITY, STATE, ZIP: San Diego, Ca 92121	
SITE CONTACT: Don	JOB DATE: 2-5-96	PHONE: 619-458-9044 FAX 619-458-0943	

WORK REQUESTED: (SCOPE OF WORK)

Conductive Utility Survey in and around 5 proposed borings

WORK PERFORMED:

TRAVEL HOURS	
LABOR HOURS	2.0
DOWN HOURS	

* EMPCL Conductive Utility Survey
  - Utilized passive, ground induction and connection modes. Located utilities marked with pink painted arrows indicating direction. Approx 10'x10' survey zone around each point painted with pink boxes ( ).
* EMIMD Inductive Survey for any metal mass anomalies

CAUTION: Some conductive and non-conductive utilities may or may not be located due to uncontrolled circumstances, ie (soil content, PVC pipe, reinforced concrete, etc) Strongly suggest exhausting all possible source of info, ie (as builts, USA/Digline, etc.

Chris Reimer
SIGNATURE OF ULS REPRESENTATIVE

DATE 2-5-96

NOTE: THE WORK PERFORMED ABOVE IS PERFORMED TO INDUSTRY STANDARDS (OR HIGHER); HOWEVER, IT IS THE RESPONSIBILITY OF THE CLIENT OR EXCAVATOR TO CONTACT ALL UNDERGROUND FACILITY OWNERS AND TO DETERMINE THE EXACT LOCATION OF UNDERGROUND FACILITIES BEFORE EXCAVATING. EXCAVATION WORK NEAR UNDERGROUND FACILITIES MAY RESULT IN INJURY TO PERSONS OR DAMAGE TO FACILITIES. THE CLIENT OR EXCAVATOR WILL TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES. STATE LAW MAY REQUIRE THAT HAND TOOLS BE USED TO UNCOVER FACILITIES WHEN WORKING WITHIN 2 FEET OF EITHER SIDE OF FACILITY. LAW MAY VARY. ULS AND ITS REPRESENTATIVES ARE NOT RESPONSIBLE FOR INJURY TO PERSONS OR DAMAGE TO FACILITIES. CLIENT'S SIGNATURE BELOW IS ACCEPTANCE OF RESPONSIBILITY AND ACKNOWLEDGMENT OF SATISFACTORY COMPLETION OF WORK PERFORMED ABOVE. THIS DOCUMENT WILL ALSO BE FAXED TO CLIENT FOR ACKNOWLEDGMENT OF ABOVE.

	FAXED 2-5-96	FAXED DATE: 2-5-96
ULS SERVICES COMPANY Michael W Benedict or Steve Wilkins	CLIENT	TELEPHONED DATE:

EMIMD SURVEY
SITE INFORMATION AND CALIBRATION SHEET

Client: OGDEN
Project Name: 1660 +1670 Brandywine
Date: 2-5-96
Surveyor Name: Chris Reimer
Unit Model Name: TW-6 or Gemini 3
Serial NO.:

Survey Scope(ie.Ust, Debris): Any Metal Mass anomalies
Construction Medium(Reference if known, ie Steel, fiberglas)

Calibration(Site Specific EM Signal Noise Adjustment)
Instrument Highth(ft): 1
Sensitivity Setting : 6

Ground Surface Type: asphalt

SURVEY DATA
Trial 1 Highth : 1
Setting : 6
Trial 2 Highth : 1
Setting : 4

Surface Metal Interference: none
Utility INterference : none

Anomaly Shape(Surface Projection): none
Dimensions:
Nearest Reference Point(ie. Bldg.):

Site Description: Asphalt parking areas around industrial bldg.

Misc. Notes or Problems: No Metal Mass Anomalies located

UST Inside Tank Measurements

UST 1		UST 2		UST 3	
B =		B =		B =	
T =		T =		T =	
Dia =		Dia =		Dia =	

ELECTROMAGNETIC PIPE AND CABLE LOCATION (EMPCL) QA/QC SITE SHEET

Client: OGDEN
Project Name 1610 + 1670 Brandywine
Date: 2-5-96
Surveyor Name: Chris Reimer
Unit Model Name: RD 400 Receiver & RD400 Standard or HPTX High Watt Transmitter
Serial No s: Receiver _____
Trans _____

METHOD TO PERFORM	Specific Comments and Limitations	Surveyor Initial	See Pg. 2
PASSIVE MODE			
50/60 hertz (power)		CR	
Radio (VLF)		CR	
(8 and 33 khertz)		CR	
GROUND INDUCTION MODE			
Spread 33 khertz		CR	
Inline Specific Lines		CR	
T 's or Branches ??		CR	
Parallel Lines(closely spaced)		CR	
SITE VISUAL INSPECTION of UTILITIES and CONNECTION MODE			
Propane AST	None Observed	CR	
Natural Gas Meter	None Observed	CR	
Electric Meter	Transformer @ MW04	CR	*
Telephone/Cable TV	CAUTION @ MW03 + 04	CR	*
Misc. Conduits	None Observed	CR	
Fuel Lines	None Observed	CR	
Water Main/Well Pump			
Domestic		CR	
Fire Hydrants	Near MW01	CR	*
Fire Sprinklers	None observed	CR	
Irrigation	Caution for PVC irrigation	CR	
Light Poles	None observed	CR	
MANHOLE LID INSPECTION for UTILITY TREND DIRECTION			
Sewer and Clean-out	Manhole's in Brandywine	CR	*
Storm Drain (or inlet)	None observed	CR	
Electric	None observed	CR	
Telephone	None observed	CR	
FIBER OPTIC CABLES??	UNKNOWN	CR	
PLASTIC WATER PIPES??	UNKNOWN	CR	
OVERHEAD LINES IN AREA??	NO	CR	
Ground to Earth Conditions?	Soil - (Moist) or Dry/concrete/ (Good) Poor?		
Review of Utility Drawings and Client Review			

NOTE: If indicated after Surveyor Initial (**) please refer to page 2 for additional Comments and Limitations

EMPCL QA/QC SITE SHEET
SPECIFIC COMMENTS - LIMITATIONS

page____

ient: CH2DEN
Project Name: Unocal 1660 Brandywine
Date: 2-5-96
SurveyorName: Chris Reimer

* Caution for Electric at Transformer near MW04 Signal trends E to W near USA marked telephone
* Caution for tel. at MW04 and MW03
* Caution for H_2O to Fire Hydrant near MW01 Signal trends N S
* Caution for Sewer no cleanouts observed. Manholes in Brandywine unable to obtain visual trend

WELL DEVELOPMENT AND GROUND-WATER SAMPLING LOGS

OGDEN

WELL DEVELOPMENT

PROJECT		WELL NO.
Brandywine		MW-1
JOB NO.	SITE	PREPARED BY JC

METHOD: OVERPUMPAGE _____ BAILER ✓ SURGE BLOCK _____ AIR LIFT _____ OTHER _____

INITIAL WATER LEVEL 52.3' bgs

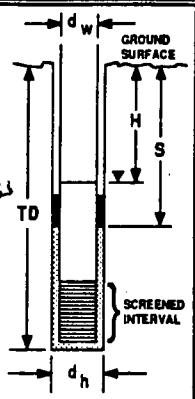
FINAL WATER LEVEL _____

REMARKS:

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
2" - 0.16
4" - 0.65
6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
~~2" CASING AND 6" HOLE = 0.52~~
2" CASING AND 8" HOLE = 0.98
4" CASING AND 10" HOLE = 1.37
4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"
WELL CASING INSIDE DIAMETER d_w ID = _____
OUTSIDE DIAMETER d_w OD = 2"
DEPTH TO: WATER LEVEL H = 52.3' bgs
BASE OF SEAL S = _____
BASE OF WELL TD = 69.5
EST. FILTER PACK POROSITY P = _____



WELL VOLUME CALCULATION: 30 feet of screen

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2 (\quad - \quad) =$ _____

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) =$ _____

TOTAL WELL VOLUME = $V_T = V_f + V_C =$ _____ + _____ = _____ $ft.^3 \times 7.48 =$ _____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS:
2-19-96	1600	bailer	0 (BEGIN)	1 gal/min	~20	5.85	5.88	very turbid	71.8	
	1605		5		25	5.86	5.93	"	70.1	
	1610		10		30	5.93	4.03	mod. turbid	70.3	
	1615		15		35	5.95	4.05		69.5	
	1650		20		35	5.92	5.12		66.7	let well recharge for 30 minutes
	1652		52		37	5.94	4.87		68.0	
	1655		55		40	5.88	5.48		68.4	
	1700		60		45	5.84	6.22		67.7	
	1703		63		48	5.88	6.01		67.8	
	1705		65		50	5.91	5.92		68.0	

Note: Began pursing at 1300 on 2-19-96 - Did not begin taking parameters until 20 gallons of H_2O had been removed.

OGDEN

WELL DEVELOPMENT

PROJECT		WELL NO. MW-02
JOB NO.	SITE Brandywine Pike	PREPARED BY JC

METHOD:
- OVERPUMPAGE: ____
- BAILER: ✓
- SURGE BLOCK (clamp): X
- AIR LIFT: ____
- OTHER: ____

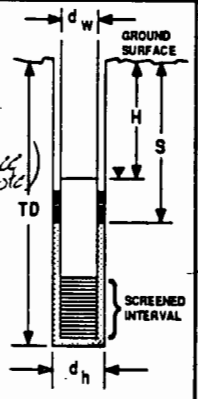
INITIAL WATER LEVEL 30.5 ft bgs
FINAL WATER LEVEL 42.5 bgs

REMARKS: Attempted to use surge block but it didn't work so H_2O level is reflecting potable H_2O put in well.

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
- 2" - 0.16
- 4" - 0.65
- 6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
- 2" CASING AND 6" HOLE = 0.52
- 2" CASING AND 8" HOLE = 0.98
- 4" CASING AND 10" HOLE = 1.37
- 4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 2"
WELL CASING INSIDE DIAMETER d_w ID = ____
OUTSIDE DIAMETER d_w OD = ____
DEPTH TO: WATER LEVEL H = 30.5 (static)
BASE OF SEAL S = ____
BASE OF WELL TD = 60
EST. FILTER PACK POROSITY P = ____



WELL VOLUME CALCULATION:

CASING VOLUME = $V_c = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2 (\quad - \quad) = ____$

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) = ____$

TOTAL WELL VOLUME = $V_T = V_f + V_c$ = ~~29.5~~ ft.^{3} × 7.48 = ~~24~~ 24.32 gal.

(casing = 4.72 gallons, filter = 19.60 est)

10 bailers ↓ 5 gal back ↓ 0.5 gallons/bailer

2.2 gallons/bailer

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS
2-19-96	1:45	bail	0 (BEGIN)	5gal/bailer	~5	6.64	2.34E3	very dirty	73.3	
"	1458	"	13	"	10	6.42	1.59E3	"	72.2	
"	1512	"	~~14~~ 27	"	15	6.66	1.70E3	"	68.5	
"	1524	"	39	"	20	6.50	2.17E3	"	69.0	
"	1537	"	52	"	25	6.35	2.70E3	"	70.4	
"	1552	"	67	"	30	6.24	3.09E3	"	74.9	
"	1610	"	85	"	35	6.20	3.03E3	"	70.9	
"	1624	"	97	"	40	6.06	3.20E3	"	73.6	
"	1205	"	125	"	45	6.17	3.50E3	"	78.1	lunch break (15 min)
"	1220	"	140	"	~~46~~ 50	6.05	3.39E3	"	75.0	
"	1221	"	141	"	47	6.08	3.30E3	"	73.9	
"	1224	"	144	"	48	6.09	3.30E3	very cloudy	72.2	
"	1225	"	145	"	49	6.09	3.25E3		70.8	
	1227	"	147	"	50	6.03	3.21E3		70.8	

OGDEN

WELL DEVELOPMENT

PROJECT		WELL NO.
Brandywine		MW-03
JOB NO.	SITE	PREPARED BY
		JC

METHOD: OVERPUMPAGE _____ BAILER ✓ SURGE BLOCK _____ AIR LIFT _____ OTHER _____

INITIAL WATER LEVEL 46.6'bgs

FINAL WATER LEVEL _____

REMARKS: Initial H_2O level taken e 1303

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
(2" - 0.16)
4" - 0.65
6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT)
(ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE = 0.52
(2" CASING AND 8" HOLE = 0.98)
4" CASING AND 10" HOLE = 1.37
4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"

WELL CASING INSIDE DIAMETER d_w ID = _____

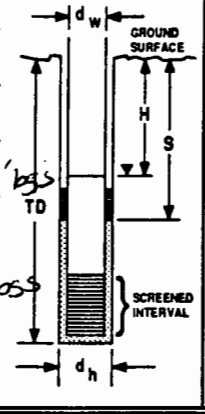
OUTSIDE DIAMETER d_w OD = 2"

DEPTH TO: WATER LEVEL H = 46.6'bgs

BASE OF SEAL S = _____

BASE OF WELL TD = 76'bgs

EST. FILTER PACK POROSITY P = _____



WELL VOLUME CALCULATION: 30 ~~30~~ 20 V_c feet of screen

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2(\ -\ ) =$ _____

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\ -\ )(\ ) =$ _____

TOTAL WELL VOLUME = $V_T = V_f + V_C =$ + = _____ $ft.^3 \times 7.48 =$ _____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME (Minutes)	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS
2-19-96	1330	bail	0 (BEGIN)	0.5 gal/min	JC ~~20~~	5.73	13.0	very turbid	70.9	
	1352		22		22	5.67	13.39	"	73.2	
	1400		30		28	5.59	13.43	"	76.4	
	1431		61		32	5.64	13.27	mod.	74.1	
	1437		67		33.5	5.51	13.37	"	70.0	Allow recharge for 10 minutes
	1453		83		35	5.52	12.78	"	71.0	
	1456		86		35.5	5.53	12.50	"	69.9	
	1459		89		37	5.51	13.68	"	69.8	
	1502		92		38	5.46	13.24	"	69.9	
	1504		94		42	5.44	12.89	"	69.7	
	1507		97		44	5.45	12.89	"	69.8	
↓	1509	↓	99	↓	46	5.46	13.02	"	67.1	

Note: 20 gallons was pursed beginning at 12:44 on 2/19/96

OGDEN

WELL DEVELOPMENT

PROJECT	WELL NO.
BRANDYWINE	MW-44
JOB NO. / SITE	PREPARED BY
	DEB

METHOD:
- OVERPUMPAGE: _____
- BAILER: ✓
- SURGE BLOCK: ✓ (20 MINS.)
- AIR LIFT: _____
- OTHER: _____

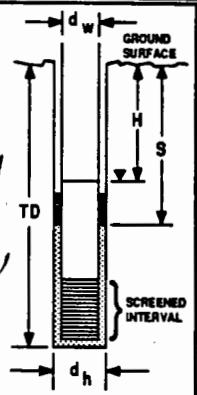
INITIAL WATER LEVEL: 75.4 bgs
FINAL WATER LEVEL: _____

REMARKS:

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
- 2" - 0.16
- 4" - 0.65
- 6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
- 2" CASING AND 6" HOLE = 0.52
- 2" CASING AND 8" HOLE = 0.98
- 4" CASING AND 10" HOLE = 1.37
- 4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"
WELL CASING INSIDE DIAMETER d_w ID = _____
OUTSIDE DIAMETER d_w OD = 2"
DEPTH TO: WATER LEVEL H = 75.4'
BASE OF SEAL S = _____
BASE OF WELL TD = 86.5'
EST. FILTER PACK POROSITY P = _____



WELL VOLUME CALCULATION:

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2 (\quad - \quad) =$ _____

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) =$ _____

TOTAL WELL VOLUME = $V_T = V_f + V_C =$ + = _____ ft.^{3} x 7.48 = _____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS:
2-12-96	1400	BAIL	0 (BEGIN)		10	7.17	1.10	V. CLOUDY	68.5	
	1440		40		20	6.53	0.97		75.3	SURGE FOR
	1445		45		25	6.41	0.96		74.9	20 MINS. @
	1450		50		27	6.34	0.97		74.0	20 MINS.
	1455		55		29	6.23	1.66		74.3	
	1459		59		30	6.22	1.51		74.0	
	1510		70		33	6.17	0.98		74.6	
	1520		80		35	6.13	0.97		74.3	
	1525		85		37	6.11	0.96		74.7	
	1530		90		38	6.05	0.96		75.1	
	1533		93		39	6.00	0.96		75.8	
	1548		108		40	5.97	0.95	MOD. CLOUDY	75.5	
	1551		111		41	5.96	0.95		76.6	
	1600		120		42	5.95	0.95		75.5	

OGDEN

WELL DEVELOPMENT

PROJECT	WELL NO.
BRANDYWINE	MW-05
JOB NO. / SITE	PREPARED BY
	DSB

METHOD:
- OVERPUMPAGE: ____
- BAILER: ✓
- SURGE BLOCK: ✓
- AIR LIFT: 20 MINS
- OTHER: ____

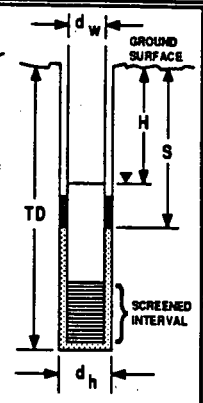
INITIAL WATER LEVEL: 74.165
FINAL WATER LEVEL: ____

REMARKS:

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
- 2" - 0.16
- 4" - 0.65
- 6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
- 2" CASING AND 6" HOLE = 0.52
- 2" CASING AND 8" HOLE = 0.98
- 4" CASING AND 10" HOLE = 1.37
- 4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"
WELL CASING INSIDE DIAMETER d_w ID = 2"
OUTSIDE DIAMETER d_w OD = 2"
DEPTH TO: WATER LEVEL H = 74.1'
BASE OF SEAL S = ____
BASE OF WELL TD = 91'
EST. FILTER PACK POROSITY P = ____



WELL VOLUME CALCULATION:

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2 (\ -\ ) =$ ____

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\ -\ )(\ ) =$ ____

TOTAL WELL VOLUME = $V_T = V_f + V_C =$ + = ____ $ft.^3 \times 7.48 =$ ____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS:
2-12-96	16:30	(air)	0 (BEGIN)		11.5	5.92	5.80	V. TURBID	60.8	V. TURBID
	16:33		3		13	5.84	14.82	MOD.	60.9	D-9 Gal's.
	16:35		5		13.5	5.91	14.76		61.0	
	16:36		6		14	5.88	15.00		61.6	
	16:38		8		14.5	5.88	15.25		62.0	
	16:40		10		15	5.89	15.51		62.4	
	16:45		15		16	5.82	15.90		62.6	
	16:50		20		17	5.85	16.31		62.9	
↓	16:55	↓	25		18	5.82	16.55	↓	62.9	

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW01 LOCATION: 16 Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 10:10 CLIMATIC CONDITIONS: cloudy - cool
TOTAL DEPTH: 69.20 STATIC WATER LEVEL: 47.82 LENGTH OF SATURATED ZONE: 21.38 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED ~~24.375~~ GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 21.38 LINEAR FT. X 1 (slow well) OR (1.5) (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 36.6 GALS.
METHOD OF REMOVAL: Grundfoss PUMPING RATE: ~1 gpm ⇒ <0.5 gpm

Water probe appears to have a short Conductivity

25 gal to slow well

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
1030	1	17.9	6.98	6000	gray, cloudy
1034	5	20.7	6.85	7500	"
1050	10	20.2	6.96	8000	gray, cloudy
1055	15	21.3	6.94	8500	gray, cloudy, clearing
1100	~~20~~ 18	21.9	6.89	8700	low, gray
1103	21	23.0	6.92	8800	low, gray brown
1110	~~23~~ 23	23.5	6.96	8500	low clearing
1115	~~25~~ 26	23.6	6.96	8300	low
1120					drawdown at ~28 gal.

drawdown at ~10 g

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailer
COLOR brown - gray TEMP. 15.0
TURBIDITY mod. pH 7.21
SEDIMENT mod. SP.COND. 8000
OTHER:
LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: 8010 | 8020 in HCl, Metals & gen. minerals HNO3 gen inp & H_2SO_4
NUMBER AND TYPES OF SAMPLE CONTAINERS USED: 3 x 40ml VOA, 3 x 1l poly, 1 x 500 ml poly
SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW01-S01 at 1600
DECONTAMINATION PROCEDURES: _____
NOTES: the empty drum smelled bad. Used drum w/ drum liner smells like paint or solvents
SAMPLED BY: MP | JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2" CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW-02 LOCATION: Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 1145 CLIMATIC CONDITIONS: _____
TOTAL DEPTH: 50.05 STATIC WATER LEVEL: 40.86 LENGTH OF SATURATED ZONE: 9.19 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 9.19 LINEAR FT.
X 1 (Slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 10.5 GALS. 15
METHOD OF REMOVAL: GRUNDFOS PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
2-29-96 / 1158	1	25	7.09	3760	low-med.
	2	21.3	7.39	1350	low
1214	4	23.5	7.34	3050	
1215	6	23.8	7.29	3050	clearing
1218	~ 8	22.3	7.20	3500	med-low
1220	9	21.4	7.18	3400	med. low
1222	10+	22.1	7.25	3300	low
1225	12	21.9	7.28	3100	clear
1228	15	22.1	7.29	3200	clear

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: Disposable bailer
COLOR brown TEMP. 19.7
TURBIDITY mod pH 7.37
SEDIMENT mod SP.COND. 3000
OTHER: _____
LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: _____
See MW-1
NUMBER AND TYPES OF SAMPLE CONTAINERS USED: _____
SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW02 - S01 at 1615
DECONTAMINATION PROCEDURES: _____
NOTES: _____
SAMPLED BY: MP / JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2"' CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW-03 LOCATION: 11670 Brandywine Ave PROJECT NO. _____
DATE: 2-27-96 TIME: 1301 CLIMATIC CONDITIONS: cloudy, cool
TOTAL DEPTH: 64.82 STATIC WATER LEVEL: 51.85 LENGTH OF SATURATED ZONE: 12.97 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 12.97 LINEAR FT. X 1 (slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 14.7 GALS.
METHOD OF REMOVAL: Grundfos PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
2-27-96 1300	1	20.9	6.74	9000	high
1305	4	22.2	6.73	12,000	high - brown
1310	drawdown at 6 gal				
1328	7	23.4	6.74	12000	high
1331	9	22.1	6.70	12,000	high
drawdown at ~ 10.5 gal					high
1350	12.5	24.0	6.73	12500	high
1355	14	23.6	6.71	13,000	high
1358	15	22.9	6.77	12,000	med - high

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailers
COLOR brown - green TEMP. 21.0
TURBIDITY high pH 6.92
SEDIMENT high SP.COND. 13,000
OTHER: _____

LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: see MW-1

NUMBER AND TYPES OF SAMPLE CONTAINERS USED: _____

SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW03 - 01 at 1345
DECONTAMINATION PROCEDURES: _____

NOTES: _____

SAMPLED BY: MP | JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2"' CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW-04 LOCATION: Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 1710 CLIMATIC CONDITIONS: breezy, cool, clear
TOTAL DEPTH: 85 STATIC WATER LEVEL: 74.94 LENGTH OF SATURATED ZONE: 10.06 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 10.06 LINEAR FT.
1 (slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 11.46 GALS.
METHOD OF REMOVAL: Grundfos PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
1715	2	21.2	6.88	8000	mod-high
1718	4	21.1	7.09	7500	mod-high
1721	6	22.2	7.1	8000	clearing M-low
1724	9	22.0	7.09	8300	low
1726	12	22.5	7.07	8000	low - clear
1729	14	23.00	7.06	9000	low - clear
drawdown		at 14			

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailer
COLOR brown TEMP. 20.1
TURBIDITY high pH 7.18
SEDIMENT high SP.COND. _____
OTHER: _____

LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: 8010 | 8020, gen min & metals

NUMBER AND TYPES OF SAMPLE CONTAINERS USED: See MW-1

SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW04-501 at 1930
DECONTAMINATION PROCEDURES: _____

NOTES: _____

SAMPLED BY: MP | JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2" CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. mw05 LOCATION: 1670 Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 1515 CLIMATIC CONDITIONS: cool, cloudy
TOTAL DEPTH: 85 STATIC WATER LEVEL: 73.76 LENGTH OF SATURATED ZONE: 11.24 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 11.24 LINEAR FT. X 1 (slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 12.8 GALS.
METHOD OF REMOVAL: K Grundfos PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
1521	2	21.8	6.72	8000	high
	drawdown at 3 gal				
1534	4	23.0	6.82	6000	high
	drawdown at ~4.5 gal				
1645	5	21.6	6.81	8000	high
1648	6 1/2	22.3	6.79	8000	mod. clearing
1650	9	22.3	6.77	8000	mod - low
1654	drawdown at ~11 gal				

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailer
COLOR brown TEMP. 17.1
TURBIDITY high pH 6.94
SEDIMENT high SP.COND. _____
OTHER: _____
LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: See MW-1
NUMBER AND TYPES OF SAMPLE CONTAINERS USED: _____
SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW-04-501 at 1900
DECONTAMINATION PROCEDURES: _____
NOTES: _____
SAMPLED BY: MP / JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2"" CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

APPENDIX B

ANALYTICAL LABORATORY REPORTS

C K Y incorporated
Analytical Laboratories

Date: 02-26-1996
CKY Batch No.: 96B085

Attn: Don Barrie

Ogden Environmental
5510 Morehouse Drive
San Diego, CA 92121

Subject: Laboratory Report
Project: Brandywine

Enclosed is the Laboratory report for samples received on 02/19/96. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
BWBS01S01D10.0	B085-01	Soil	EPA 8010 EPA 8020 TOC
BWBS01S02D71	B085-02	Soil	EPA 8010 EPA 8020 TOC
BWBS02S01D11.0	B085-03	Soil	EPA 8010 EPA 8020 TOC
BWBS02S02D56.0	B085-04	Soil	EPA 8010 EPA 8020 TOC
BWBS03S01D10.5	B085-05	Soil	EPA 8010 EPA 8020 TOC
BWBS03S02D66.5	B085-06	Soil	EPA 8010 EPA 8020 TOC
BWBS03S03D75.5	B085-07	Soil	EPA 8010 EPA 8020 TOC

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

630 Maple Ave., Torrance, Calif. 90503 • Telephone 310-618-8889 • Fax: 310-618-0818

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S01D10.0	DATE ANALYZED:	02/21/96
CONTROL NO.:	B085-01	MATRIX:	SOIL
% MOISTURE:	8.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	27.4
Chloromethane	ND	27.4
Vinyl Chloride	ND	27.4
Bromomethane	ND	27.4
Chloroethane	ND	27.4
Trichlorofluoromethane	ND	5.48
1,1-Dichloroethene	ND	5.48
Methylene Chloride	ND	27.4
cis-1,2-Dichloroethene	ND	5.48
trans-1,2-Dichloroethene	ND	5.48
1,1-Dichloroethane	ND	5.48
Chloroform	ND	5.48
1,1,1-Trichloroethane	ND	5.48
Carbon Tetrachloride	ND	5.48
1,2-Dichloroethane	ND	5.48
Trichloroethene	ND	5.48
1,2-Dichloropropane	ND	5.48
Dibromomethane	ND	5.48
Bromodichloromethane	ND	5.48
2-Chloroethyl vinylether	ND	5.48
trans-1,3-Dichloropropene	ND	5.48
cis-1,3-Dichloropropene	ND	5.48
1,1,2-Trichloroethane	ND	5.48
Tetrachloroethene	ND	5.48
1,3-Dichloropropane	ND	5.48
1,1,1,2-Tetrachloroethane	ND	5.48
Dibromochloromethane	ND	5.48
Ethylene Dibromide	ND	5.48
Chlorobenzene	ND	5.48
Bromoform	ND	5.48
1,1,2,2-Tetrachloroethane	ND	5.48
Chlorotoluene	ND	5.48
1,3-Dichlorobenzene	ND	5.48
1,4-Dichlorobenzene	ND	5.48
1,2-Dichlorobenzene	ND	5.48
Benzylchloride	ND	5.48

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	84	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S02D71	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-02	MATRIX:	SOIL
% MOISTURE:	24.3	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	33
Chloromethane	ND	33
Vinyl Chloride	ND	33
Bromomethane	ND	33
Chloroethane	ND	33
Trichlorofluoromethane	ND	6.61
1,1-Dichloroethene	ND	6.61
Methylene Chloride	ND	33
cis-1,2-Dichloroethene	ND	6.61
trans-1,2-Dichloroethene	ND	6.61
1,1-Dichloroethane	ND	6.61
Chloroform	ND	6.61
1,1,1-Trichloroethane	ND	6.61
Carbon Tetrachloride	ND	6.61
1,2-Dichloroethane	ND	6.61
Trichloroethene	ND	6.61
1,2-Dichloropropane	ND	6.61
Dibromomethane	ND	6.61
Bromodichloromethane	ND	6.61
2-Chloroethyl vinylether	ND	6.61
trans-1,3-Dichloropropene	ND	6.61
cis-1,3-Dichloropropene	ND	6.61
1,1,2-Trichloroethane	ND	6.61
Tetrachloroethene	ND	6.61
1,3-Dichloropropane	ND	6.61
1,1,1,2-Tetrachloroethane	ND	6.61
Dibromochloromethane	ND	6.61
Ethylene Dibromide	ND	6.61
Chlorobenzene	ND	6.61
Bromoform	ND	6.61
1,1,2,2-Tetrachloroethane	ND	6.61
Chlorotoluene	ND	6.61
1,3-Dichlorobenzene	ND	6.61
1,4-Dichlorobenzene	ND	6.61
1,2-Dichlorobenzene	ND	6.61
Benzylchloride	ND	6.61

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	68	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S01D11.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-03	MATRIX:	SOIL
% MOISTURE:	14.0	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	29.1
Chloromethane	ND	29.1
Vinyl Chloride	ND	29.1
Bromomethane	ND	29.1
Chloroethane	ND	29.1
Trichlorofluoromethane	ND	5.81
1,1-Dichloroethene	ND	5.81
Methylene Chloride	ND	29.1
cis-1,2-Dichloroethene	ND	5.81
trans-1,2-Dichloroethene	ND	5.81
1,1-Dichloroethane	ND	5.81
Chloroform	ND	5.81
1,1,1-Trichloroethane	ND	5.81
Carbon Tetrachloride	ND	5.81
1,2-Dichloroethane	ND	5.81
Trichloroethene	ND	5.81
1,2-Dichloropropane	ND	5.81
Dibromomethane	ND	5.81
Bromodichloromethane	ND	5.81
2-Chloroethyl vinylether	ND	5.81
trans-1,3-Dichloropropene	ND	5.81
cis-1,3-Dichloropropene	ND	5.81
1,1,2-Trichloroethane	ND	5.81
Tetrachloroethene	ND	5.81
1,3-Dichloropropane	ND	5.81
1,1,1,2-Tetrachloroethane	ND	5.81
Dibromochloromethane	ND	5.81
Ethylene Dibromide	ND	5.81
Chlorobenzene	ND	5.81
Bromoform	ND	5.81
1,1,2,2-Tetrachloroethane	ND	5.81
Chlorotoluene	ND	5.81
1,3-Dichlorobenzene	ND	5.81
1,4-Dichlorobenzene	ND	5.81
1,2-Dichlorobenzene	ND	5.81
Benzylchloride	ND	5.81

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	82	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S02D56.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-04	MATRIX:	SOIL
% MOISTURE:	24.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32.9
Chloromethane	ND	32.9
Vinyl Chloride	ND	32.9
Bromomethane	ND	32.9
Chloroethane	ND	32.9
Trichlorofluoromethane	ND	6.59
1,1-Dichloroethene	ND	6.59
Methylene Chloride	ND	32.9
cis-1,2-Dichloroethene	ND	6.59
trans-1,2-Dichloroethene	ND	6.59
1,1-Dichloroethane	ND	6.59
Chloroform	ND	6.59
1,1,1-Trichloroethane	ND	6.59
Carbon Tetrachloride	ND	6.59
1,2-Dichloroethane	ND	6.59
Trichloroethene	ND	6.59
1,2-Dichloropropane	ND	6.59
Dibromomethane	ND	6.59
Bromodichloromethane	ND	6.59
2-Chloroethyl vinylether	ND	6.59
trans-1,3-Dichloropropene	ND	6.59
cis-1,3-Dichloropropene	ND	6.59
1,1,2-Trichloroethane	ND	6.59
Tetrachloroethene	ND	6.59
1,3-Dichloropropane	ND	6.59
1,1,1,2-Tetrachloroethane	ND	6.59
Dibromochloromethane	ND	6.59
Ethylene Dibromide	ND	6.59
Chlorobenzene	ND	6.59
Bromoform	ND	6.59
1,1,2,2-Tetrachloroethane	ND	6.59
Chlorotoluene	ND	6.59
1,3-Dichlorobenzene	ND	6.59
1,4-Dichlorobenzene	ND	6.59
1,2-Dichlorobenzene	ND	6.59
Benzylchloride	ND	6.59

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	86	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S01D10.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-05	MATRIX:	SOIL
% MOISTURE:	11.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	28.4
Chloromethane	ND	28.4
Vinyl Chloride	ND	28.4
Bromomethane	ND	28.4
Chloroethane	ND	28.4
Trichlorofluoromethane	ND	5.68
1,1-Dichloroethene	ND	5.68
Methylene Chloride	ND	28.4
cis-1,2-Dichloroethene	ND	5.68
trans-1,2-Dichloroethene	ND	5.68
1,1-Dichloroethane	ND	5.68
Chloroform	ND	5.68
1,1,1-Trichloroethane	ND	5.68
Carbon Tetrachloride	ND	5.68
1,2-Dichloroethane	ND	5.68
Trichloroethene	ND	5.68
1,2-Dichloropropane	ND	5.68
Dibromomethane	ND	5.68
Bromodichloromethane	ND	5.68
2-Chloroethyl vinylether	ND	5.68
trans-1,3-Dichloropropene	ND	5.68
cis-1,3-Dichloropropene	ND	5.68
1,1,2-Trichloroethane	ND	5.68
Tetrachloroethene	ND	5.68
1,3-Dichloropropane	ND	5.68
1,1,1,2-Tetrachloroethane	ND	5.68
Dibromochloromethane	ND	5.68
Ethylene Dibromide	ND	5.68
Chlorobenzene	ND	5.68
Bromoform	ND	5.68
1,1,2,2-Tetrachloroethane	ND	5.68
Chlorotoluene	ND	5.68
1,3-Dichlorobenzene	ND	5.68
1,4-Dichlorobenzene	ND	5.68
1,2-Dichlorobenzene	ND	5.68
Benzylchloride	ND	5.68

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	85	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S02D66.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-06	MATRIX:	SOIL
% MOISTURE:	22.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32.3
Chloromethane	ND	32.3
Vinyl Chloride	ND	32.3
Bromomethane	ND	32.3
Chloroethane	ND	32.3
Trichlorofluoromethane	ND	6.47
1,1-Dichloroethene	ND	6.47
Methylene Chloride	ND	32.3
cis-1,2-Dichloroethene	ND	6.47
trans-1,2-Dichloroethene	ND	6.47
1,1-Dichloroethane	ND	6.47
Chloroform	ND	6.47
1,1,1-Trichloroethane	ND	6.47
Carbon Tetrachloride	ND	6.47
1,2-Dichloroethane	ND	6.47
Trichloroethene	77	6.47
1,2-Dichloropropane	ND	6.47
Dibromomethane	ND	6.47
Bromodichloromethane	ND	6.47
2-Chloroethyl vinylether	ND	6.47
trans-1,3-Dichloropropene	ND	6.47
cis-1,3-Dichloropropene	ND	6.47
1,1,2-Trichloroethane	12	6.47
Tetrachloroethene	ND	6.47
1,3-Dichloropropane	ND	6.47
1,1,1,2-Tetrachloroethane	ND	6.47
Dibromochloromethane	ND	6.47
Ethylene Dibromide	ND	6.47
Chlorobenzene	ND	6.47
Bromoform	ND	6.47
1,1,2,2-Tetrachloroethane	ND	6.47
Chlorotoluene	ND	6.47
1,3-Dichlorobenzene	ND	6.47
1,4-Dichlorobenzene	ND	6.47
1,2-Dichlorobenzene	ND	6.47
Benzylchloride	ND	6.47

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	84	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S03D75.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-07	MATRIX:	SOIL
% MOISTURE:	19.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	31.1
Chloromethane	ND	31.1
Vinyl Chloride	ND	31.1
Bromomethane	ND	31.1
Chloroethane	ND	31.1
Trichlorofluoromethane	ND	6.23
1,1-Dichloroethene	ND	6.23
Methylene Chloride	ND	31.1
cis-1,2-Dichloroethene	ND	6.23
trans-1,2-Dichloroethene	ND	6.23
1,1-Dichloroethane	ND	6.23
Chloroform	ND	6.23
1,1,1-Trichloroethane	ND	6.23
Carbon Tetrachloride	ND	6.23
1,2-Dichloroethane	ND	6.23
Trichloroethene	6.3	6.23
1,2-Dichloropropane	ND	6.23
Dibromomethane	ND	6.23
Bromodichloromethane	ND	6.23
2-Chloroethyl vinylether	ND	6.23
trans-1,3-Dichloropropene	ND	6.23
cis-1,3-Dichloropropene	ND	6.23
1,1,2-Trichloroethane	ND	6.23
Tetrachloroethene	ND	6.23
1,3-Dichloropropane	ND	6.23
1,1,1,2-Tetrachloroethane	ND	6.23
Dibromochloromethane	ND	6.23
Ethylene Dibromide	ND	6.23
Chlorobenzene	ND	6.23
Bromoform	ND	6.23
1,1,2,2-Tetrachloroethane	ND	6.23
Chlorotoluene	ND	6.23
1,3-Dichlorobenzene	ND	6.23
1,4-Dichlorobenzene	ND	6.23
1,2-Dichlorobenzene	ND	6.23
Benzylchloride	ND	6.23

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	88	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/19/96
CONTROL NO.:	VAL617B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	25
Chloromethane	ND	25
Vinyl Chloride	ND	25
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	5
1,1-Dichloroethene	ND	5
Methylene Chloride	ND	25
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
2-Chloroethyl vinylether	ND	5
trans-1,3-Dichloropropene	ND	5
cis-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5
1,3-Dichloropropane	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Dibromochloromethane	ND	5
Ethylene Dibromide	ND	5
Chlorobenzene	ND	5
Bromoform	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Chlorotoluene	ND	5
1,3-Dichlorobenzene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
Benzylchloride	ND	5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	119	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK2S	DATE ANALYZED:	02/21/96
CONTROL NO.:	VAL617B3	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	25
Chloromethane	ND	25
Vinyl Chloride	ND	25
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	5
1,1-Dichloroethene	ND	5
Methylene Chloride	ND	25
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
2-Chloroethyl vinylether	ND	5
trans-1,3-Dichloropropene	ND	5
cis-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5
1,3-Dichloropropane	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Dibromochloromethane	ND	5
Ethylene Dibromide	ND	5
Chlorobenzene	ND	5
Bromoform	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Chlorotoluene	ND	5
1,3-Dichlorobenzene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
Benzylchloride	ND	5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	94	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8010
MATRIX: SOIL
MOISTURE: 24.3

BATCH NO.: 96B085
SAMPLE ID: BWBS01S02D71
CONTROL NO.: B085-02

DATE RECEIVED: 02/19/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ACCESSION: 96B085

PARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	330.00	298.00	90	330.00	278.00	84	7	60-140	40
Trichloroethene	ND	330.00	277.00	84	330.00	274.00	83	1	60-140	40
Chlorobenzene	ND	330.00	246.00	75	330.00	236.00	71	4	60-140	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
Bromofluorobenzene	330.00	336.00	102	330.00	217.00	66	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8010
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 96B085
SAMPLE ID: LCS1S/LCS1SD
CONTROL NO.: VAL617L/C

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/19/96

ACCESSION: 96B085

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	100.00	111.00	111	100.00	109.00	109	2	70-125	40
Trichloroethene	ND	100.00	113.00	113	100.00	112.00	112	1	70-125	40
Chlorobenzene	ND	100.00	111.00	111	100.00	114.00	114	3	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
Bromofluorobenzene	250.00	229.00	91	250.00	238.00	95	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

IENT: Ogden Environmental
OJECT: Brandywine
METHOD: EPA 8010
MATRIX: SOIL
MOISTURE: NA

BATCH NO.: 96B085
AMPLE ID: LCS2S/LCS2SD
ONTROL NO.: VAL617L2/C2

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ACCESSION: 96B085

RAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	100.00	113.50	114	100.00	91.50	92	21	70-125	40
ichloroethene	ND	100.00	104.00	104	100.00	97.50	98	6	70-125	40
lorobenzene	ND	100.00	101.00	101	100.00	94.00	94	7	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
omofluorobenzene	250.00	209.00	84	250.00	172.00	69	60-140

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S01D10.0	DATE ANALYZED:	02/21/96
CONTROL NO.:	B085-01	MATRIX:	SOIL
% MOISTURE:	8.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.48
Toluene	ND	5.48
Ethylbenzene	ND	5.48
Total Xylenes	ND	16.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S02D71	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-02	MATRIX:	SOIL
% MOISTURE:	24.3	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.61
Toluene	ND	6.61
Ethylbenzene	ND	6.61
Total Xylenes	ND	19.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	45+	60-140

MDL: Method Detection Limit
+ : Out of QC limits, sample was reanalyzed on 02/22/96.

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S02D71	DATE ANALYZED:	02/22/96
CONTROL NO.:	B085-02R	MATRIX:	SOIL
% MOISTURE:	24.3	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.61
Toluene	ND	6.61
Ethylbenzene	ND	6.61
Total Xylenes	ND	19.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	43+	60-140

MDL: Method Detection Limit
+ : Out of QC limits on reanalysis run

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S01D11.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-03	MATRIX:	SOIL
% MOISTURE:	14.0	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.81
Toluene	ND	5.81
Ethylbenzene	ND	5.81
Total Xylenes	ND	17.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S02D56.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-04	MATRIX:	SOIL
% MOISTURE:	24.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.59
Toluene	ND	6.59
Ethylbenzene	ND	6.59
Total Xylenes	ND	19.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S01D10.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-05	MATRIX:	SOIL
% MOISTURE:	11.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.68
Toluene	ND	5.68
Ethylbenzene	ND	5.68
Total Xylenes	ND	17

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S02D66.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-06	MATRIX:	SOIL
% MOISTURE:	22.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.47
Toluene	ND	6.47
Ethylbenzene	ND	6.47
Total Xylenes	ND	19.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	52+	60-140

MDL: Method Detection Limit
+ : Out of QC limits, sample was reanalyzed on 02/22/96.

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S02D66.5	DATE ANALYZED:	02/22/96
CONTROL NO.:	B085-06R	MATRIX:	SOIL
% MOISTURE:	22.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.47
Toluene	ND	6.47
Ethylbenzene	ND	6.47
Total Xylenes	ND	19.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	45+	60-140

MDL: Method Detection Limit
+ : Out of QC limits on reanalysis run

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S03D75.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-07	MATRIX:	SOIL
% MOISTURE:	19.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.23
Toluene	ND	6.23
Ethylbenzene	ND	6.23
Total Xylenes	ND	18.7

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	67	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/19/96
CONTROL NO.:	VAL617B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	77	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK2S	DATE ANALYZED:	02/21/96
CONTROL NO.:	VAL617B3	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

IENT: Ogden Environmental
OJECT: Brandywine
METHOD: EPA 8020
MATRIX: SOIL
MOISTURE: 24.3

BATCH NO.: 96B085
AMPLE ID: BWBS01S02D71
ONTROL NO.: B085-02
ACCESSION: 96B085

DATE RECEIVED: 02/19/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	330.00	240.00	73	330.00	238.00	72	1	60-140	40
oluene	ND	330.00	221.00	67	330.00	221.00	67	0	60-140	40
thylbenzene	ND	330.00	223.00	68	330.00	221.00	67	1	60-140	40
otal Xylenes	ND	991.00	614.00	62	991.00	620.00	63	1	60-140	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
romofluorobenzene	330.00	221.00	67	330.00	217.00	66	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

LIENT: Ogden Environmental
ROJECT: Brandywine
METHOD: EPA 8020
MATRIX: SOIL
MOISTURE: NA

BATCH NO.: 96B085
AMPLE ID: LCS1S/LCS1SD
ONTROL NO.: VAL617L/C

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/19/96

ACCESSION: 96B085

ARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	85.00	85	100.00	86.00	86	1	70-125	40
oluene	ND	100.00	87.00	87	100.00	88.00	88	1	70-125	40
thylbenzene	ND	100.00	97.00	97	100.00	98.00	98	1	70-125	40
otal Xylenes	ND	300.00	233.00	78	300.00	237.00	79	1	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
romofluorobenzene	250.00	244.00	98	250.00	255.00	102	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8020
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 96B085
SAMPLE ID: LCS2S/LCS2SD
CONTROL NO.: VAL617L2/C2

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ACCESSION: 96B085

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	84.00	84	100.00	80.00	80	5	70-125	40
Toluene	ND	100.00	84.50	84	100.00	78.00	78	8	70-125	40
Ethylbenzene	ND	100.00	93.00	93	100.00	85.00	85	9	70-125	40
Total Xylenes	ND	300.00	223.00	74	300.00	216.00	72	3	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
Bromofluorobenzene	250.00	227.00	91	250.00	186.00	74	60-140

STERLING
Analytical Laboratory



CKY Inc. Analytical Laboratories
630 Maple Avenue
Torrance, CA 90503

Attn: Cecilia Chavez

February 26, 1996

Job No.: 0691081.00
Project No.: 95B085
Project Name: Ogden
Folder No.: 4307

LABORATORY REPORT

Samples: Seven (7) soil samples from 95B085-Odgen, collected on 02/17/96 and 02/18/96 and received on 02/20/96.

Sample ID	TOC (Walkley Black) %
96B085-01	0.201
96B085-02	0.354
96B085-03	0.078
96B085-04	0.059
96B085-05	0.171
96B085-06	0.038
96B085-07	0.032
Reporting Limit	0.010
Date Analyzed	02/23/96

Reviewed by

Approved by

2860 Walnut Avenue
Long Beach, CA 90806-1834

(800) 366-9324 • (310) 595-9324
(310) 595-6709 FAX

STERLING
Analytical Laboratory

Quality Assurance Addendum Report
Page 1 of 1

LAB ID	SYMBOL	TEST	UNITS	QA/QC Results Sample	Dup.	RPD(%)
4307-7	---	TOC	%	0.032	0.027	17

Notes:

Note that Matrix Spikes are not project specific. Therefore, spike information shown on this report may not be from the same project; however, they were analyzed in the same analytical batch.

Definitions:

Spike: A sample from the analytical batch which has been spiked with the parameter(s) of interest at a known concentration and taken through the same preparation and analysis as the samples.

Spike Duplicate: A duplicate of the spiked sample, taken from a separate aliquot of the sample.

RPD: Relative Percent Difference between a Spike and a Spike Duplicate (or a sample and sample duplicate).
RPD = [(Spike-Spk. Dup.)/Mean] * 100

Where the mean is the average spike recovery of the matrix spike and the matrix spike duplicate.

Mean: The average sample results, from both samples and sample duplicates.

Control limits are calculated by Sterling Analytical Laboratory for internal use from existing spike data. Control limits are found by calculating three standard deviations above and below the mean of the population.

C4307.qa

4307

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

DATE: 2-19-96
PAGE 1 OF 1

CKY incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

CLIENT NAME: CKY INC
ADDRESS: 630 MAPLE AVE
TORRANCE CA. 90503
PHONE NO. 310-618-8889 FAX NO. 310-618-0818
PROJECT NAME: 95B085 / OGDEN
SEND REPORT TO: CECILIA CHAVEZ.

SAMPLER NAME/SIGNATURE

TURN AROUND TIME
NORMAL [X]
RUSH [ ]

4307	SAMPLE NUMBER	SAMPLING DATE/TIME		PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION WATER	SOIL	OTHER	ANALYSES REQUIRED: 418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	TOC
-1	96B085-01	2/17/96	8:30	ICE	4 OZ JAR		X										X
-2	-02		1035														
-3	-03		1305														
-4	-04		1410														
-5	-05	2/18/96	1230														
-6	-06		1351														
-7	-07		1427														

COMMENTS:

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
	2/20/96	Hao Nguyen	2-20-96				
Company: CKY	Time: 2:00 PM	Company: STERLING LAB	Time: 2:00 PM	Company:	Time:	Company:	Time:

Storage/Disposal of Samples: Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

96B085 L5

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

CLIENT NAME: DON BARRIE C/O OGDEN
ADDRESS: 5510 MOREHOUSE DR. SAN DIEGO, CA 92121
PHONE NO. 619/458-9044 FAX NO. 619/458-0943
PROJECT NAME: BRANDYWINE
SEND REPORT TO: DON BARRIE

DATE: 2/18/96
PAGE 1 OF 1

CKY incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

SAMPLER NAME/SIGNATURE: DON BARRIE

TURN AROUND TIME: NORMAL ☑ RUSH ☐

	SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION: WATER	SOIL	OTHER
1	BWBS01S01D10.0	2/17 @ 0830				X	
2	BWBS01S02D7'	2/17 @ 1035				X	
3	BWBS02S01D11.0	2/17 @ 1305				X	
4	BWBS02S02D66.0	2/17 @ 1410				X	
5	BWBS03S01D10.5	2/18 @ 1230				X	
6	BWBS03S02D66.5	2/18 @ 1351				X	
7	BWBS03S03D75.5	2/18 @ 1427				X	

ANALYSES REQUIRED

418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	8021	TOC (90-B.2 ASA)
								X	X
								X	X
								X	X
								X	X
								X	X
								X	X
								X	X

COMMENTS: T=2'C ok

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
	2/18/96		2/19/96		2-19-96		2-19-96
Company: OGDEN	Time: 2430	Company:	Time: 800	Company:	Time: 1135	Company: CKY	Time: 1135

Storage/Disposal of Samples: Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

CKY INC., ANALYTICAL LABORATORIES, 630 Maple Ave., Torrance, Calif. 90503 Tel. (310) 618-8889 Fax: (310) 618-0818

SAMPLE RECEIPT FORM

CONTROL NO.	96BO85
CLIENT	ODGEN
PROJECT	BRANDYWINE

DATE	02-19-96
TIME	11:35 AM
RECIPIENT	C. TIANGCO

SAMPLE TRANSPORTATION TO CKY LABORATORY:	BY	ON(DATE)	AT(TIME)	FROM(SITE/CO.)	COMMENTS
PICKED-UP BY CKY COURIER					
DELIVERED BY CLIENT ✓					
SHIPPED/AIRBILL NO: AM-PM DELIVERY #402804 SEE THE RECEIPT					

SAMPLE BATCH PACKAGING/SEALING UPON RECEIPT:	NO CONTAINER	✓ INTACT	DAMAGED	NOT SEALED	✓ SEALED

CONTAINER:	INSIDE TEMPERATURE: 2° C			CUSTODY SEAL /OTHER SEAL		LOCATION	NUMBER
✓ COOLER	PACKAGING	TYPE	SUFFICIENCY	✓ INTACT	DAMAGED	FRONT CLOSURE	1
BOX	INSULATION:		OK	NAME:	SEE OR		
OTHER:	ICE/COOLANT:	BLUE	↓	DATE:			
	PACKING MATERIAL:	NONE	↓	TIME:			

SAMPLE DOCUMENTATION/CHAIN-OF-CUSTODY(COC)	NONE	✓ HANDCARRIED	ENCLOSED	FAXED	SEALED

SAMPLE LOG-IN:	CRITERIA	COMMENTS	DISCREPANCY
SAMPLE CUSTODY SEAL	EVERY SAMPLE	NONE	
CONTAINER TYPE/MATERIAL	APPROPRIATE	OK	
SAMPLE AMOUNT	ENOUGH	↓	
SAMPLE PRESERVATION/HOLDING TIME	SUFFICIENT	↓	
HEADSPACE/BUBBLES	ZERO/NONE	↓	
SAMPLE LABEL INFORMATION	SUFFICIENT	↓ SEE BELOW	
CHAIN-OF-CUSTODY INFORMATION	SUFFICIENT	↓	

SAMPLE INFO.:	SAMPLE ID	DATE	TIME	SIGNATURE	ANALYSES	PRESERVATIVE	CONTAINER
INDIVIDUAL SAMPLE CONTAINER:		✓ NONE	PLASTIC BAG	CAN	OTHER(SPECIFY):		SEALED

SAMPLE NUMBER	CLIENT ID	DISCREPANCY	ACTION
ALL		SAMPLE LABELS NOT GOOD & WET - WIPES OUT EASILY	will inform client.
+	BWBS01501D10D		
-1	BWBS01501D10D	NOT REC'D BUT REC'D SAMPLE W/ DD ASSBS01501D10.0	Pls. add BW

CLIENT SERVICES COPY RECEIVED BY: Christie 2/19 DATE: TIME:

C K Y incorporated
Analytical Laboratories

Date: 02-22-1996
CKY Batch No.: 96B042

Attn: Don Barrie

Ogden Environmental
5510 Morehouse Drive
San Diego, CA 92121

Subject: Laboratory Report
Project: Chula Vista

Enclosed is the Laboratory report for samples received on 02/12/96. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
BWB505S01D10.0	B042-01	Soil	EPA 8010 EPA 8020 TOC
BWB505S04D85.5	B042-02	Soil	EPA 8010 EPA 8020 TOC
BWB505S05D91	B042-03	Soil	EPA 8010 EPA 8020 TOC
BWB504S01D26.5	B042-04	Soil	EPA 8010 EPA 8020 TOC
BWB504S02D76.5	B042-05	Soil	EPA 8010 EPA 8020 TOC
BWB504S03D86.0	B042-06	Soil	EPA 8010 EPA 8020 TOC

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Pang

Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S01D10.0	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-01	MATRIX:	SOIL
% MOISTURE:	8.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	27.4
Chloromethane	ND	27.4
Vinyl Chloride	ND	27.4
Bromomethane	ND	27.4
Chloroethane	ND	27.4
Trichlorofluoromethane	ND	5.49
1,1-Dichloroethene	ND	5.49
Methylene Chloride	ND	27.4
cis-1,2-Dichloroethene	ND	5.49
trans-1,2-Dichloroethene	ND	5.49
1,1-Dichloroethane	ND	5.49
Chloroform	ND	5.49
1,1,1-Trichloroethane	ND	5.49
Carbon Tetrachloride	ND	5.49
1,2-Dichloroethane	ND	5.49
Trichloroethene	ND	5.49
1,2-Dichloropropane	ND	5.49
Dibromomethane	ND	5.49
Bromodichloromethane	ND	5.49
2-Chloroethyl vinylether	ND	5.49
trans-1,3-Dichloropropene	ND	5.49
cis-1,3-Dichloropropene	ND	5.49
1,1,2-Trichloroethane	ND	5.49
Tetrachloroethene	ND	5.49
1,3-Dichloropropane	ND	5.49
1,1,1,2-Tetrachloroethane	ND	5.49
Dibromochloromethane	ND	5.49
Ethylene Dibromide	ND	5.49
Chlorobenzene	ND	5.49
Bromoform	ND	5.49
1,1,2,2-Tetrachloroethane	ND	5.49
Chlorotoluene	ND	5.49
1,3-Dichlorobenzene	ND	5.49
1,4-Dichlorobenzene	ND	5.49
1,2-Dichlorobenzene	ND	5.49
Benzylchloride	ND	5.49

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	108	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S04D85.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-02	MATRIX:	SOIL
% MOISTURE:	23.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32.5
Chloromethane	ND	32.5
Vinyl Chloride	ND	32.5
Bromomethane	ND	32.5
Chloroethane	ND	32.5
Trichlorofluoromethane	ND	6.5
1,1-Dichloroethene	ND	6.5
Methylene Chloride	ND	32.5
cis-1,2-Dichloroethene	ND	6.5
trans-1,2-Dichloroethene	ND	6.5
1,1-Dichloroethane	ND	6.5
Chloroform	ND	6.5
1,1,1-Trichloroethane	ND	6.5
Carbon Tetrachloride	ND	6.5
1,2-Dichloroethane	ND	6.5
Trichloroethene	ND	6.5
1,2-Dichloropropane	ND	6.5
Dibromomethane	ND	6.5
Bromodichloromethane	ND	6.5
2-Chloroethyl vinylether	ND	6.5
trans-1,3-Dichloropropene	ND	6.5
cis-1,3-Dichloropropene	ND	6.5
1,1,2-Trichloroethane	ND	6.5
Tetrachloroethene	ND	6.5
1,3-Dichloropropane	ND	6.5
1,1,1,2-Tetrachloroethane	ND	6.5
Dibromochloromethane	ND	6.5
Ethylene Dibromide	ND	6.5
Chlorobenzene	ND	6.5
Bromoform	ND	6.5
1,1,2,2-Tetrachloroethane	ND	6.5
Chlorotoluene	ND	6.5
1,3-Dichlorobenzene	ND	6.5
1,4-Dichlorobenzene	ND	6.5
1,2-Dichlorobenzene	ND	6.5
Benzylchloride	ND	6.5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	108	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S05D91	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-03	MATRIX:	SOIL
% MOISTURE:	20.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	31.3
Chloromethane	ND	31.3
Vinyl Chloride	ND	31.3
Bromomethane	ND	31.3
Chloroethane	ND	31.3
Trichlorofluoromethane	ND	6.26
1,1-Dichloroethene	ND	6.26
Methylene Chloride	ND	31.3
cis-1,2-Dichloroethene	ND	6.26
trans-1,2-Dichloroethene	ND	6.26
1,1-Dichloroethane	ND	6.26
Chloroform	ND	6.26
1,1,1-Trichloroethane	ND	6.26
Carbon Tetrachloride	ND	6.26
1,2-Dichloroethane	ND	6.26
Trichloroethene	ND	6.26
1,2-Dichloropropane	ND	6.26
Dibromomethane	ND	6.26
Bromodichloromethane	ND	6.26
2-Chloroethyl vinylether	ND	6.26
trans-1,3-Dichloropropene	ND	6.26
cis-1,3-Dichloropropene	ND	6.26
1,1,2-Trichloroethane	ND	6.26
Tetrachloroethene	ND	6.26
1,3-Dichloropropane	ND	6.26
1,1,1,2-Tetrachloroethane	ND	6.26
Dibromochloromethane	ND	6.26
Ethylene Dibromide	ND	6.26
Chlorobenzene	ND	6.26
Bromoform	ND	6.26
1,1,2,2-Tetrachloroethane	ND	6.26
Chlorotoluene	ND	6.26
1,3-Dichlorobenzene	ND	6.26
1,4-Dichlorobenzene	ND	6.26
1,2-Dichlorobenzene	ND	6.26
Benzylchloride	ND	6.26

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S01D26.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-04	MATRIX:	SOIL
% MOISTURE:	6.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	26.8
Chloromethane	ND	26.8
Vinyl Chloride	ND	26.8
Bromomethane	ND	26.8
Chloroethane	ND	26.8
Trichlorofluoromethane	ND	5.35
1,1-Dichloroethene	ND	5.35
Methylene Chloride	ND	26.8
cis-1,2-Dichloroethene	ND	5.35
trans-1,2-Dichloroethene	ND	5.35
1,1-Dichloroethane	ND	5.35
Chloroform	ND	5.35
1,1,1-Trichloroethane	ND	5.35
Carbon Tetrachloride	ND	5.35
1,2-Dichloroethane	ND	5.35
Trichloroethene	ND	5.35
1,2-Dichloropropane	ND	5.35
Dibromomethane	ND	5.35
Bromodichloromethane	ND	5.35
2-Chloroethyl vinylether	ND	5.35
trans-1,3-Dichloropropene	ND	5.35
cis-1,3-Dichloropropene	ND	5.35
1,1,2-Trichloroethane	ND	5.35
Tetrachloroethene	ND	5.35
1,3-Dichloropropane	ND	5.35
1,1,1,2-Tetrachloroethane	ND	5.35
Dibromochloromethane	ND	5.35
Ethylene Dibromide	ND	5.35
Chlorobenzene	ND	5.35
Bromoform	ND	5.35
1,1,2,2-Tetrachloroethane	ND	5.35
Chlorotoluene	ND	5.35
1,3-Dichlorobenzene	ND	5.35
1,4-Dichlorobenzene	ND	5.35
1,2-Dichlorobenzene	ND	5.35
Benzylchloride	ND	5.35

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	104	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S02D76.5	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-05	MATRIX:	SOIL
% MOISTURE:	21.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32
Chloromethane	ND	32
Vinyl Chloride	ND	32
Bromomethane	ND	32
Chloroethane	ND	32
Trichlorofluoromethane	ND	6.4
1,1-Dichloroethene	ND	6.4
Methylene Chloride	ND	32
cis-1,2-Dichloroethene	ND	6.4
trans-1,2-Dichloroethene	ND	6.4
1,1-Dichloroethane	ND	6.4
Chloroform	ND	6.4
1,1,1-Trichloroethane	ND	6.4
Carbon Tetrachloride	ND	6.4
1,2-Dichloroethane	ND	6.4
Trichloroethene	ND	6.4
1,2-Dichloropropane	ND	6.4
Dibromomethane	ND	6.4
Bromodichloromethane	ND	6.4
2-Chloroethyl vinylether	ND	6.4
trans-1,3-Dichloropropene	ND	6.4
cis-1,3-Dichloropropene	ND	6.4
1,1,2-Trichloroethane	ND	6.4
Tetrachloroethene	ND	6.4
1,3-Dichloropropane	ND	6.4
1,1,1,2-Tetrachloroethane	ND	6.4
Dibromochloromethane	ND	6.4
Ethylene Dibromide	ND	6.4
Chlorobenzene	ND	6.4
Bromoform	ND	6.4
1,1,2,2-Tetrachloroethane	ND	6.4
Chlorotoluene	ND	6.4
1,3-Dichlorobenzene	ND	6.4
1,4-Dichlorobenzene	ND	6.4
1,2-Dichlorobenzene	ND	6.4
Benzylchloride	ND	6.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	110	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S03D86.0	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-06	MATRIX:	SOIL
% MOISTURE:	26.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	34.1
Chloromethane	ND	34.1
Vinyl Chloride	ND	34.1
Bromomethane	ND	34.1
Chloroethane	ND	34.1
Trichlorofluoromethane	ND	6.81
1,1-Dichloroethene	ND	6.81
Methylene Chloride	ND	34.1
cis-1,2-Dichloroethene	ND	6.81
trans-1,2-Dichloroethene	ND	6.81
1,1-Dichloroethane	15	6.81
Chloroform	ND	6.81
1,1,1-Trichloroethane	ND	6.81
Carbon Tetrachloride	ND	6.81
1,2-Dichloroethane	ND	6.81
Trichloroethene	240	6.81
1,2-Dichloropropane	ND	6.81
Dibromomethane	ND	6.81
Bromodichloromethane	ND	6.81
2-Chloroethyl vinylether	ND	6.81
trans-1,3-Dichloropropene	ND	6.81
cis-1,3-Dichloropropene	ND	6.81
1,1,2-Trichloroethane	12	6.81
Tetrachloroethene	11	6.81
1,3-Dichloropropane	ND	6.81
1,1,1,2-Tetrachloroethane	ND	6.81
Dibromochloromethane	ND	6.81
Ethylene Dibromide	ND	6.81
Chlorobenzene	ND	6.81
Bromoform	ND	6.81
1,1,2,2-Tetrachloroethane	ND	6.81
Chlorotoluene	ND	6.81
1,3-Dichlorobenzene	ND	6.81
1,4-Dichlorobenzene	12	6.81
1,2-Dichlorobenzene	9.0	6.81
Benzylchloride	ND	6.81

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	119	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Chula Vista	DATE RECEIVED:	NA
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/12/96
CONTROL NO.:	VAL587B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	25
Chloromethane	ND	25
Vinyl Chloride	ND	25
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	5
1,1-Dichloroethene	ND	5
Methylene Chloride	ND	25
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
2-Chloroethyl vinylether	ND	5
trans-1,3-Dichloropropene	ND	5
cis-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5
1,3-Dichloropropane	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Dibromochloromethane	ND	5
Ethylene Dibromide	ND	5
Chlorobenzene	ND	5
Bromoform	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Chlorotoluene	ND	5
1,3-Dichlorobenzene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
Benzylchloride	ND	5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	115	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

IENT: Ogden Environmental
OJECT: Chula Vista
ETHOD: EPA 8010
MATRIX: SOIL
% MOISTURE: 8.9

BATCH NO.: 96B042
SAMPLE ID: BWB505S01D10.0
ONTROL NO.: B042-01
CCESSION: 96B042

DATE RECEIVED: 02/12/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/12/96

ARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	274.00	284.00	103	274.00	277.00	101	3	60-140	40
Trichloroethene	ND	274.00	282.00	103	274.00	280.00	102	0	60-140	40
hlorobenzene	ND	274.00	302.00	110	274.00	302.00	110	0	60-140	40

RROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
Bromofluorobenzene	274.00	279.00	102	274.00	292.00	106	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Chula Vista
METHOD: EPA 8010
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 96B042
SAMPLE ID: LCS1S/LCS1SD
CONTROL NO.: VAL587L/C

ACCESSION: 96B042

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/12/96

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	100.00	123.00	123	100.00	122.00	122	1	70-125	40
Trichloroethene	ND	100.00	119.00	119	100.00	124.00	124	4	70-125	40
Chlorobenzene	ND	100.00	121.00	121	100.00	119.00	119	2	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
Bromofluorobenzene	250.00	259.00	104	250.00	240.00	96	60-140

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S01D10.0	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-01	MATRIX:	SOIL
% MOISTURE:	8.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.49
Toluene	ND	5.49
Ethylbenzene	ND	5.49
Total Xylenes	ND	16.5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S04D85.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-02	MATRIX:	SOIL
% MOISTURE:	23.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.5
Toluene	ND	6.5
Ethylbenzene	ND	6.5
Total Xylenes	ND	19.5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S05D91	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-03	MATRIX:	SOIL
% MOISTURE:	20.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.26
Toluene	ND	6.26
Ethylbenzene	ND	6.26
Total Xylenes	ND	18.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	40+	60-140

MDL: Method Detection Limit
+ : Outside QC limits, sample was reanalyzed on 02/14/96.

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S05D91	DATE ANALYZED:	02/14/96
CONTROL NO.:	B042-03R	MATRIX:	SOIL
% MOISTURE:	20.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.26
Toluene	ND	6.26
Ethylbenzene	ND	6.26
Total Xylenes	ND	18.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	50+	60-140

MDL: Method Detection Limit
+ : Outside QC limits on the reanalysis run

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S01D26.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-04	MATRIX:	SOIL
% MOISTURE:	6.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.35
Toluene	ND	5.35
Ethylbenzene	ND	5.35
Total Xylenes	ND	16.1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S02D76.5	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-05	MATRIX:	SOIL
% MOISTURE:	21.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.4
Toluene	ND	6.4
Ethylbenzene	ND	6.4
Total Xylenes	ND	19.2

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S03D86.0	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-06	MATRIX:	SOIL
% MOISTURE:	26.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.81
Toluene	ND	6.81
Ethylbenzene	ND	6.81
Total Xylenes	ND	20.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Chula Vista	DATE RECEIVED:	NA
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/12/96
CONTROL NO.:	VAL587B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	71	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Chula Vista	DATE RECEIVED:	NA
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK2S	DATE ANALYZED:	02/14/96
CONTROL NO.:	VAL597B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Chula Vista
METHOD: EPA 8020
MATRIX: SOIL
% MOISTURE: 8.9

BATCH NO.: 96B042
SAMPLE ID: BWB505S01D10.0
CONTROL NO.: 8042-01

DATE RECEIVED: 02/12/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/13/96

ACCESSION: 96B042

PARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	274.00	228.00	83	274.00	226.00	82	1	60-140	40
Toluene	ND	274.00	223.00	81	274.00	223.00	81	0	60-140	40
Ethylbenzene	ND	274.00	237.00	86	274.00	237.00	86	0	60-140	40
Total Xylenes	ND	823.00	597.00	73	823.00	598.00	73	0	60-140	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
Bromofluorobenzene	274.00	284.00	104	274.00	278.00	101	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Chula Vista
METHOD: EPA 8020
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 96B042
SAMPLE ID: LCS1S/LCS1SD
CONTROL NO.: VAL587L/C

ACCESSION: 96B042

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/12/96

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	88.50	88	100.00	88.00	88	1	70-125	40
Toluene	ND	100.00	90.00	90	100.00	89.00	89	1	70-125	40
Ethylbenzene	ND	100.00	100.50	101	100.00	104.00	104	2	70-125	40
Total Xylenes	ND	300.00	248.00	83	300.00	261.00	87	5	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
Bromofluorobenzene	250.00	252.00	101	250.00	249.00	100	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

LIENT: Ogden Environmental
ROJECT: Chula Vista
METHOD: EPA 8020
MATRIX: SOIL
MOISTURE: NA

BATCH NO.: 96B042
SAMPLE ID: LCS2S/LCS2SD
ONTROL NO.: VAL597L/C
ACCESSION: 96B042

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/14/96

ARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	90.00	90	100.00	87.00	87	3	70-125	40
Toluene	ND	100.00	91.50	92	100.00	88.50	88	3	70-125	40
hylbenzene	ND	100.00	88.50	89	100.00	96.50	97	9	70-125	40
tal Xylenes	ND	300.00	240.00	80	300.00	232.00	77	4	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
romofluorobenzene	250.00	246.00	99	250.00	244.00	98	60-140

STERLING

Analytical Laboratory



CKY Inc. Analytical Laboratories
630 Maple Avenue
Torrance, CA 90503

Attn: Dr. W. Nisamaneepong

February 21, 1996

Job No.: 0691081.00
Project Name: Ogden
Folder No.: 4270

LABORATORY REPORT

Samples: Six (6) soil samples from 96B042-Odgen, collected on 02/10/96 and 02/11/96 and received on 02/12/96.

Sample ID	TOC (Walkley Black) %
96B042-1	0.027
96B042-2	0.011
96B042-3	0.072
96B042-4	0.079
96B042-5	0.019
96B042-6	0.015
Reporting Limit	0.010
Date Analyzed	02/20/96

Reviewed by

Approved by

C4270.rep

2860 Walnut Avenue
Long Beach, CA 90806-1834

(800) 366-9324 • (310) 595-9324
(310) 595-6709 FAX

STERLING
Analytical Laboratory

Quality Assurance Addendum Report

LAB ID	SYMBOL	TEST	UNITS	QA/QC Results Sample	Dup.	RPD(%)
4270-6	---	TOC	%	0.015	0.011	28

Notes:

Note that Matrix Spikes are not project specific. Therefore, spike information shown on this report may not be from the same project; however, they were analyzed in the same analytical batch.

Definitions:

Spike: A sample from the analytical batch which has been spiked with the parameter(s) of interest at a known concentration and taken through the same preparation and analysis as the samples.

Spike Duplicate: A duplicate of the spiked sample, taken from a separate aliquot of the sample.

RPD: Relative Percent Difference between a Spike and a Spike Duplicate (or a sample and sample duplicate).
RPD = [(Spike-Spk. Dup.)/Mean] * 100

Where the mean is the average spike recovery of the matrix spike and the matrix spike duplicate.

Mean: The average sample results, from both samples and sample duplicates.

Control limits are calculated by Sterling Analytical Laboratory for internal use from existing spike data. Control limits are found by calculating three standard deviations above and below the mean of the population.

C4270.qa

4270

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

DATE: _____

PAGE ____ OF ____

CLIENT
NAME: CKY INC. ANALYTICAL LAB.
ADDRESS: 630 MAPLE AVE.
TORRANCE, CA 90503
PHONE NO. (310) 618-8889 FAX NO. (310) 618-0818

PROJECT NAME: 96B042 - OGDEN

SEND REPORT TO: DR. W. NISAMANEEPONG

C K Y incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

SAMPLER NAME/SIGNATURE

TURN AROUND TIME
NORMAL ☑
RUSH ☐

4270

SAMPLE NUMBER	SAMPLING DATE/TIME		PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION: WATER	SOIL	OTHER
-1 96B042- 1	2/10/96	0930				X	
-2 2		1130				X	
-3 3		1220				X	
-4 4	2/11/96	0940				X	
-5 5		1142				X	
-6 6		1325				X	

ANALYSES REQUIRED

418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	TDC EPA METHOD 9D-3.2 ASM							
								X							
								X							
								X							
								X							
								X							
								X							

COMMENTS:

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
[signature]	2-12-96	Hao Nguyen	2-12-96				
Company: CKY	Time: 1345	Company: STERLING LAB	Time: 1345	Company:	Time:	Company:	Time:

Storage/Disposal of Samples. Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

AnalyticalTechnologies, Inc.
5550 MOREHOUSE DRIVE
SAN DIEGO, CA 92121-1709
(619) 458-9141

Chain of Custody

96BOAR L1

DATE 2/11/96 PAGE 1 OF 1

PROJECT MANAGER: DON BARRIE
COMPANY: OGDEN ENVIRONMENTAL
ADDRESS: 5510 MOREHOUSE DR.
SAN DIEGO, CA 92121

BILL TO: SAME AS ABOVE
COMPANY:
ADDRESS:

SAMPLERS: (Signature)

(619) 458-9044
PHONE NUMBER

	SAMPLE ID	SAMPLE DATE	TIME	MATRIX	LAB ID
1	BWB5Φ5S01D10.0	2/10/96	0930	SOIL	
2	BWB5Φ5S04D85.5	↓	1130	↓	
3	BWB5Φ5S05D91	↓	1220	↓	
4	BWB5Φ4S01D26.5	2/11/96	0940	SOIL	
5	BWB5Φ4S02D76.5	↓	1142	↓	
6	BWB5Φ4S03D86.0	↓	1325	↓	

Recommended Quantity and Preservative (Provide triple volume on QC Samples)

	1L (H₂SO₄)/100g	1L (H₂SO₄)/100g	4 oz (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	500ml/50g		1L/50g	1L/100g	2X40ml (HCl)/100g	1L/100g	500ml/100g	500ml/100g	7D-3.2 ASA									
	Petroleum Hydrocarbons 418.1	Oil and Grease 413.2	Gasoline (MOD 8015/DOHS)	Diesel (MOD 8015/DOHS)	Gasoline/BTXE (MOD 8015/8020) Maximum Contamination Level of Gasoline: 2ppm (water), 50ppm (Soil)	MOD 8015 (Unknown)	BTXE (8020)	Chlorinated Hydrocarbons (8010)	Aromatic Hydrocarbons (8020)	Chlorinated/Aromatic Hydrocarbons (8010/8020)	Organic Pb		Pesticides/PCB (8080)	Base/NEU/Acid Cmpds GC/MS (8270)	Volatile Cmpds GC/MS (8240)	Polynuclear Aromatic (8310)	CCR Metals	Priority Pollutant Metals	TOC (EPA METHOD									Number of Containers
1										X								X									1
2										X								X									1
3										X								X									1
4										X								X									1
5										X								X									1
6										X								X									1

PROJECT INFORMATION	SAMPLE RECEIPT
PROJECT NUMBER: 570920144	TOTAL NUMBER OF CONTAINERS
PROJECT NAME: CITICORP	CHAIN OF CUSTODY SEALS Y/N/NA
PURCHASE ORDER NUMBER:	SEALS INTACT? Y/N/NA
VIA: COURIER	RECEIVED GOOD COND/COLD
TAT: ☐ 24HR ☐ 48HRS ☐ 72HRS ☐ 1WK ☑ 2WK	LAB NUMBER

SAMPLE DISPOSAL INSTRUCTIONS

☑ Disposal @ ~~$5.00/each~~ ☐ Return ☐ Pickup

Comments:

T = 4°C.

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: 19:10	Signature: Time:	Signature: Time:
Printed Name: Don Barrie Date: 2/11/96	Printed Name: Date:	Printed Name: Date:
Company: OGDEN	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: (LAB) 3.**
Signature: Time:	Signature: Time:	Signature: Time:
Printed Name: Date:	Printed Name: Date:	Printed Name: Date:
Company:	Company:	Analytical Technologies, Inc.

DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

CKY INC., ANALYTICAL LABORATORIES, 630 Maple Ave., Torrance, Calif. 90503 Tel. (310) 618-8889 Fax: (310) 618-0818

CKY

SAMPLE RECEIPT FORM

CONTROL NO.	96B042
CLIENT	OGDEN
PROJECT	CHULA VISTA

DATE	02-12-96
TIME	11:16 AM
RECIPIENT	C. TIANGCO

SAMPLE TRANSPORTATION TO CKY LABORATORY:	BY	ON(DATE)	AT(TIME)	FROM(SITE/CO.)	COMMENTS
PICKED-UP BY CKY COURIER					
DELIVERED BY CLIENT ✓					
SHIPPED/AIRBILL NO AM-PM DEL > 397328	SEE RECEIPT				

SAMPLE BATCH PACKAGING/SEALING UPON RECEIPT:	NO CONTAINER	✓ INTACT	DAMAGED	NOT SEALED	✓ SEALED

CONTAINER:	INSIDE TEMPERATURE: 4° C		CUSTODY SEAL /OTHER SEAL		LOCATION	NUMBER
✓ COOLER	PACKAGING	TYPE	SUFFICIENCY	✓ INTACT	DAMAGED		
BOX	INSULATION:		OK	NAME:		AROUND CLOSURE	1
OTHER:	ICE/COOLANT:	BLUE ICE	↓	DATE:			
	PACKING MATERIAL:	NONE	↓	TIME:			

SAMPLE DOCUMENTATION/CHAIN-OF-CUSTODY(COC)	NONE	✓ HANDCARRIED	ENCLOSED	FAXED	SEALED

SAMPLE LOG-IN:	CRITERIA	COMMENTS	DISCREPANCY
SAMPLE CUSTODY SEAL	EVERY SAMPLE	NONE	
CONTAINER TYPE/MATERIAL	APPROPRIATE	OK	
SAMPLE AMOUNT	ENOUGH	↓	
SAMPLE PRESERVATION/HOLDING TIME	SUFFICIENT		
HEADSPACE/BUBBLES	ZERO/NONE		
SAMPLE LABEL INFORMATION	SUFFICIENT	} SEE BELOW	
CHAIN-OF-CUSTODY INFORMATION	SUFFICIENT		

SAMPLE INFO.:	SAMPLE ID ✓	DATE ✓	TIME ✓	SIGNATURE ✓	ANALYSES ✓	PRESERVATIVE	CONTAINER ✓
INDIVIDUAL SAMPLE CONTAINER:		NONE	PLASTIC BAG	CAN	OTHER(SPECIFY):		SEALED

SAMPLE NUMBER	CLIENT ID	DISCREPANCY	ACTION
		ORIGINAL COC WAS NOT REC'D, ONLY DUPLICATE WAS REC'D	

CLIENT SERVICES COPY RECEIVED BY	Quili 2/12	DATE		TIME	

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW01-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-01	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	87	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	13	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	68	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW02-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-02	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	19	1
Methylene Chloride	55	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	1.6	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW03-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-03	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	22	1
Methylene Chloride	68	5
cis-1,2-Dichloroethene	11	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	60	1
Chloroform	16	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	4.3	1
Trichloroethene	400	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	31	1
Tetrachloroethene	26	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	76	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW05-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-04	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	30	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	3.0	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	67	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW04-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-05	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	67	1
Methylene Chloride	79	5
cis-1,2-Dichloroethene	11	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	76	1
Chloroform	16	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	24	1
Trichloroethene	720	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	47	1
Tetrachloroethene	56	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	80	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1W	DATE ANALYZED:	03/10/96
CONTROL NO.:	VAL687B	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	65-135

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8010
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 968134
SAMPLE ID: LCS1W/LCS1WD
CONTROL NO.: VAL687LR/CR

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/11/96

ACCESSION: 968134

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	20.00	18.70	94	20.00	17.70	88	5	70-125	30
richloroethene	ND	20.00	22.20	111	20.00	20.40	102	8	70-125	30
hlorobenzene	ND	20.00	20.70	104	20.00	21.10	106	2	70-125	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT %
romofluorobenzene	50.00	46.90	94	50.00	48.80	98	65-135

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW01-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-01	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	76	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW02-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-02	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW03-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-03	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	100	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW05-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-04	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	1.9	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	67	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW04-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-05	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	7.1	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	86	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1W	DATE ANALYZED:	03/10/96
CONTROL NO.:	VAL687B	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	70	65-135

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8020
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W/LCS1WD
CONTROL NO.: VAL687LR/CR

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/11/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	20.00	17.60	88	20.00	17.60	88	0	70-125	30
Toluene	ND	20.00	18.90	94	20.00	18.70	94	1	70-125	30
Ethylbenzene	ND	20.00	20.50	102	20.00	20.50	102	0	70-125	30
Total Xylenes	ND	60.00	54.10	90	60.00	54.20	90	0	70-125	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT %
Bromofluorobenzene	50.00	50.60	101	50.00	51.50	103	65-135

EPA METHOD 425.1
MBAS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	0.1	1	.1
MW02-S01	B134-02	ND	1	.1
MW03-S01	B134-03	0.76	1	.1
MW05-S01	B134-04	ND	1	.1
MW04-S01	B134-05	0.73	1	.1
MBLK1W	MBB001WB	ND	1	.1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 425.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW02-S01
CONTROL NO.: B134-02

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
MBAS	ND	ND	0	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 425.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW02-S01
CONTROL NO.: B134-02

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
MBAS	ND	.50	.50	100	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 425.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: MBB001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
MBAS	ND	.50	.52	104	85-115

EPA METHOD 180.1
TURBIDITY

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (NTU)	DILUTION FACTOR	MDL (NTU)
MW01-S01	B134-01	303	20	20
MW02-S01	B134-02	258	20	20
MW03-S01	B134-03	3850	200	200
MW05-S01	B134-04	7240	200	200
MW04-S01	B134-05	684	40	40
MBLK1W	TUB004WB	ND	1	1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 180.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW02-S01
CONTROL NO.: B134-02

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (NTU)	DUP. SAMPLE (NTU)	RPD (%)	RPD LIMIT (%)
Turbidity	258.00	269.00	4	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 180.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: TUB004WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (NTU)	SPIKE AMT (NTU)	LCS RSLT (NTU)	LCS % REC	QC LIMIT (%)
Turbidity	ND	4.20	4.10	98	85-115

EPA METHOD 310.1
TOTAL ALKALINITY

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/01/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	212	1	10
MW02-S01	B134-02	526	1	10
MW03-S01	B134-03	450	1	10
MW05-S01	B134-04	104	1	10
MW04-S01	B134-05	580	1	10
MBLK1W	ALC001WB	ND	1	10

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 310.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW05-S01
CONTROL NO.: B134-04

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Alkalinity	104.00	101.00	3	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 310.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW05-S01
CONTROL NO.: B134-04

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Alkalinity	104.00	240.00	323.00	91	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 310.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ALC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Alkalinity	ND	152.00	142.00	93	85-115

EPA METHOD 300
CHLORIDE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/06/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	4140	500	100
MW02-S01	B134-02	598	100	20
MW03-S01	B134-03	5400	1000	200
MW05-S01	B134-04	3330	500	100
MW04-S01	B134-05	2450	500	100
MBLK1W	ICC001WB	ND	1	.2

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Chloride	4140.00	4110.00	1	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ICC001WL
DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Chloride	ND	5.00	4.58	92	85-115

EPA METHOD 300
SULFATE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/06/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	1800	100	100
MW02-S01	B134-02	358	100	100
MW03-S01	B134-03	1320	100	100
MW05-S01	B134-04	1020	100	100
MW04-S01	B134-05	1800	100	100
MBLK1W	ICC001WB	ND	1	1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Sulfate	1800.00	1790.00	1	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01
DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Sulfate	1800.00	1000.00	3050.00	125	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ICC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Sulfate	ND	10.00	8.80	88	85-115

EPA METHOD 300
NITRATE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/07/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	5.91	25	2.5
MW02-S01	B134-02	17.4	25	2.5
MW03-S01	B134-03	231	100	10
MW05-S01	B134-04	8.57	10	1
MW04-S01	B134-05	228	100	10
MBLK1W	ICC002WB	ND	1	.1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Nitrate	5.91	5.52	7	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Nitrate	5.91	125.00	148.00	114	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ICC002WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Nitrate	ND	5.00	5.10	102	85-115

EPA METHOD 300
FLUORIDE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/07/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	.81	1	.2
MW02-S01	B134-02	1.57	1	.2
MW03-S01	B134-03	.77	1	.2
MW05-S01	B134-04	.99	1	.2
MW04-S01	B134-05	.71	1	.2
MBLK1W	FLC001WB	ND	1	.2

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW03-S01
CONTROL NO.: B134-03

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Fluoride	.77	.79	3	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW03-S01
CONTROL NO.: B134-03

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Fluoride	.77	5.00	5.16	88	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: FLC001WL
DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Fluoride	ND	20.00	20.50	103	85-115

EPA METHOD 150.1
PH

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/01/96

SAMPLE ID	CONTROL NO	RESULT (pH unit)	DILUTION FACTOR	MDL (pH unit)
MW01-S01	B134-01	7.4	1	.1
MW02-S01	B134-02	7.9	1	.1
MW03-S01	B134-03	7.3	1	.1
MW05-S01	B134-04	7.3	1	.1
MW04-S01	B134-05	7.6	1	.1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 150.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW05-S01
CONTROL NO.: B134-04

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	SAMPLE (pH unit)	DUP. SAMPLE (pH unit)	RPD (%)	RPD LIMIT (%)
pH	7.30	7.30	0	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 150.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: PHC001WL
DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (pH unit)	SPIKE AMT (pH unit)	LCS RSLT (pH unit)	LCS % REC	QC LIMIT (%)
pH	ND	9.08	8.99	99	85-115

EPA METHOD 120.1
ELECTRICAL CONDUCTIVITY

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/04/96

SAMPLE ID	CONTROL NO	RESULT (umhos/cm)	DILUTION FACTOR	MDL (umhos/cm)
MW01-S01	B134-01	11900	1	.5
MW02-S01	B134-02	3720	1	.5
MW03-S01	B134-03	16700	1	.5
MW05-S01	B134-04	9740	1	.5
MW04-S01	B134-05	10800	1	.5

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 120.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134

PARAMETER	SAMPLE (umhos/cm)	DUP. SAMPLE (umhos/cm)	RPD (%)	RPD LIMIT (%)
Electrical Conductivity	11900.00	11900.00	0	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 120.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ECC001WL
DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (umhos/cm)	SPIKE AMT (umhos/cm)	LCS RSLT (umhos/cm)	LCS % REC	QC LIMIT (%)
Electrical Conductivity	ND	1410.00	1410.00	100	85-115

EPA METHOD 160.1
TOTAL DISSOLVED SOLIDS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/04/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	7900	1	10
MW02-S01	B134-02	2310	1	10
MW03-S01	B134-03	10600	1	10
MW05-S01	B134-04	5800	1	10
MW04-S01	B134-05	7820	1	10
MBLK1W	DSC001WB	ND	1	10

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 160.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: TURBDT/TDS-SP5
CONTROL NO.: C016-08

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134 96C015 96C016

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
TDS	915.00	980.00	7	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

LIENT: Ogden Environmental
ROJECT: Brandywine
METHOD: EPA 160.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
AMPLE ID: LCS1W
ONTROL NO.: DSC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134 96C015 96C016

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
DS	ND	856.00	770.00	90	85-115

EPA 110.2
COLOR

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (Color Units)	DILUTION FACTOR	MDL (Color Units)
MW01-S01	B134-01	10	1	10
MW02-S01	B134-02	10	1	10
MW03-S01	B134-03	40	1	10
MW05-S01	B134-04	10	1	10
MW04-S01	B134-05	40	1	10
MBLK1W	C0B001WB	ND	1	10

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 110.2
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW04-S01
CONTROL NO.: B134-05

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (Color Units)	DUP. SAMPLE (Color Units)	RPD (%)	RPD LIMIT (%)
Color	40.00	40.00	0	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 110.2
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: C0B001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (Color Units)	SPIKE AMT (Color Units)	LCS RSLT (Color Units)	LCS % REC	QC LIMIT (%)
Color	ND	30.00	30.00	100	85-115

EPA 140.1
ODOR

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (TON)	DILUTION FACTOR	MDL (TON)
MW01-S01	B134-01	ND	1	1
MW02-S01	B134-02	ND	1	1
MW03-S01	B134-03	ND	1	1
MW05-S01	B134-04	ND	1	1
MW04-S01	B134-05	ND	1	1
MBLK1W	ODB001WB	ND	1	1

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 140.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (TON)	DUP. SAMPLE (TON)	RPD (%)	RPD LIMIT (%)
Odor	ND	ND	0	20

EPA METHOD 130.2
TOTAL HARDNESS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/05/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	3960	1	10
MW02-S01	B134-02	337	1	10
MW03-S01	B134-03	3320	1	10
MW05-S01	B134-04	2500	1	10
MW04-S01	B134-05	1880	1	10
MBLK1W	IPC001WB	ND	1	10

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 130.2
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W/LCS1WD
CONTROL NO.: IPC001WL/C

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/05/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Total Hardness	ND	331.00	334.00	101	331.00	319.00	97	5	85-115	20

CKY

CKY INC., ANALYTICAL LABORATORIES, 630 Maple Ave., Torrance, Calif. 90503 Tel. (310) 618-8889 Fax: (310) 618-0818

SAMPLE RECEIPT FORM

CONTROL NO.	96B134
CLIENT	OGDEN. ENVIRON.
PROJECT	BRANDY WINE

DATE	02-28-96
TIME	1110
RECIPIENT	I. PATEL

SAMPLE TRANSPORTATION TO CKY LABORATORY:	BY	ON(DATE)	AT(TIME)	FROM(SITE/CO.)	COMMENTS
PICKED-UP BY CKY COURIER					
DELIVERED BY CLIENT ✓					
SHIPPED/AIRBILL NO AMPM DEL. #402876 SEE THE RECEIPT.					

SAMPLE BATCH PACKAGING/SEALING UPON RECEIPT:	NO CONTAINER	✓ INTACT	DAMAGED	NOT SEALED	✓ SEALED

CONTAINER:	INSIDE TEMPERATURE: 3° C			CUSTODY SEAL /OTHER SEAL		LOCATION	NUMBER
2 COOLERS	PACKAGING	TYPE	SUFFICIENCY	✓ INTACT	DAMAGED	FRONT CLOSURE	2
BOX	INSULATION:		OK	NAME:	SEE COC	REAR CLOSURE	1
OTHER:	ICE/COOLANT:	REGULAR	↓	DATE:			
	PACKING MATERIAL:	NONE	↓	TIME:			

SAMPLE DOCUMENTATION/CHAIN-OF-CUSTODY(COC)	NONE	✓ HANDCARRIED	ENCLOSED	FAXED	SEALED

SAMPLE LOG-IN:	CRITERIA	COMMENTS	DISCREPANCY
SAMPLE CUSTODY SEAL	EVERY SAMPLE	NONE	
CONTAINER TYPE/MATERIAL	APPROPRIATE	OK	
SAMPLE AMOUNT	ENOUGH	↓	
SAMPLE PRESERVATION/HOLDING TIME	SUFFICIENT		
HEADSPACE/BUBBLES	ZERO/NONE		
SAMPLE LABEL INFORMATION	SUFFICIENT		
CHAIN-OF-CUSTODY INFORMATION	SUFFICIENT	↓	

SAMPLE INFO.:	SAMPLE ID ✓	DATE ✓	TIME ✓	SIGNATURE ✓	ANALYSES ✓	PRESERVATIVE ✓	CONTAINER ✓
INDIVIDUAL SAMPLE CONTAINER:		✓ NONE	PLASTIC BAG	CAN	OTHER(SPECIFY):		SEALED

SAMPLE NUMBER	CLIENT ID	DISCREPANCY	ACTION

CLIENT SERVICES COPY RECEIVED BY	Cleta 2/28	DATE		TIME	

C K Y incorporated
Analytical Laboratories

Date: 03-13-1996
CKY Batch No.: 96B134

Attn: Don Barrie

Ogden Environmental
5510 Morehouse Drive
San Diego, CA 92121

Subject: Laboratory Report
Project: Brandywine

Enclosed is the Laboratory report for samples received on 02/28/96. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
MW01-S01	B134-01	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW02-S01	B134-02	Water	EPA 8010
			EPA 8020

630 Maple Ave., Torrance, Calif. 90503 • Telephone 310-618-8889 • Fax: 310-618-0818

Sample ID	Control No.	Matrix	Analysis
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW03-S01	B134-03	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW05-S01	B134-04	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride

Sample ID	Control No.	Matrix	Analysis
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW04-S01	B134-05	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

February 28, 1996

CLIENT: OGDEN

GENERAL MINERALS LIST

MBAS, Turbidity, Alkalinity, Sulfate, Chloride, Fluoride, pH, Electrical Conductivity, TDS, Color, Odor, Hardness, Nitrate.

Aside from CAM Metals (17 metals) client also requests the following elements: Calcium, Magnesium, Sodium and Potassium.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW01-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-01	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	284
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	791000
Chromium	10	67.7
Cobalt	10	16.4
Copper	10	51
Lead	100	ND
Magnesium	1000	481000
Molybdenum	50	73.9
Potassium	2000	40100
Nickel	20	37.5
Selenium	200	ND
Silver	10	ND
Sodium^	2000	1110000
Thallium	500	ND
Vanadium	10	115
Zinc	10	440

^ Analyzed on 03/05/96 at 2x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW02-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-02	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	37.8
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	79800
Chromium	10	ND
Cobalt	10	ND
Copper	10	ND
Lead	100	ND
Magnesium	1000	33400
Molybdenum	50	ND
Potassium	2000	3670
Nickel	20	ND
Selenium	200	ND
Silver	10	ND
Sodium^	2000	605000
Thallium	500	ND
Vanadium	10	29.1
Zinc	10	38.4

^ Analyzed on 03/05/96 at 2x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW03-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-03	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	171
Barium	10	762
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	725000
Chromium	10	266
Cobalt	10	111
Copper	10	129
Lead	100	158
Magnesium	1000	366000
Molybdenum	50	ND
Potassium	2000	62700
Nickel	20	325
Selenium	200	ND
Silver	10	ND
Sodium^	10000	268000
Thallium	500	1440
Vanadium	10	647
Zinc	10	1290

^ Analyzed on 03/05/96 at 10x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW05-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-04	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	303
Barium	10	1480
Beryllium	5	6.41
Cadmium	5	ND
Calcium	1000	519000
Chromium	10	701
Cobalt	10	160
Copper	10	255
Lead	100	230
Magnesium	1000	291000
Molybdenum	50	ND
Potassium	2000	114000
Nickel	20	182
Selenium	200	3590
Silver	10	ND
Sodium^	5000	1380000
Thallium	500	2540
Vanadium	10	1010
Zinc	10	4220

^ Analyzed on 03/05/96 at 5x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW04-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-05	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	196
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	433000
Chromium	10	54.3
Cobalt	10	36.9
Copper	10	30.1
Lead	100	ND
Magnesium	1000	195000
Molybdenum	50	ND
Potassium	2000	21400
Nickel	20	217
Selenium	200	ND
Silver	10	ND
Sodium^	5000	1620000
Thallium	500	ND
Vanadium	10	111
Zinc	10	482

^ Analyzed on 03/05/96 at 5x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MBLK1W	DATE ANALYZED:	03/04/96
CONTROL NO.:	IPC001WB	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	ND
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	ND
Chromium	10	ND
Cobalt	10	ND
Copper	10	ND
Lead	100	ND
Magnesium	1000	ND
Molybdenum	50	ND
Potassium	2000	ND
Nickel	20	ND
Selenium	200	ND
Silver	10	ND
Sodium^	1000	ND
Thallium	500	ND
Vanadium	10	ND
Zinc	10	ND

^ Analyzed on 03/05/96

CKY QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 3005/6010
MATRIX: WATER

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: PW-L1/2/3 DATE EXTRACTED: 03/01/96
CONTROL NO.: 0202-02 DATE ANALYZED: 03/04/96

ACCESSION: N960202 96B134

PARAMETER	SAMPLE RESULT (ug/L)	DUP SAMPLE RESULT (ug/L)	RPD RESULT (%)
Antimony	ND	ND	0
Arsenic	ND	ND	0
Barium	60.2	61.1	1
Beryllium	ND	ND	0
Cadmium	ND	ND	0
Calcium	30300	31000	2
Chromium	ND	ND	0
Cobalt	ND	ND	0
Copper	64	63.7	0
Lead	ND	ND	0
Magnesium	5250	5340	2
Molybdenum	ND	ND	0
Potassium	44900	43000	4
Nickel	21	39.9	62+
Selenium	ND	ND	0
Silver	ND	ND	0
Sodium^	178000	171000	4
Thallium	ND	ND	0
Vanadium	ND	ND	0
Zinc	601	612	2
QC LIMIT:			20

^ Analyzed on 03/05/96
+ Outside the QC limit

CKY QUALITY CONTROL DATA
SPIKE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 3005/6010
MATRIX: WATER

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: PW-L1/2/3 DATE EXTRACTED: 03/01/96
CONTROL NO.: 0202-02 DATE ANALYZED: 03/04/96

ACCESSION: N960202 96B134

PARAMETER	SAMPLE RESULT (ug/L)	SPIKE CONC. (ug/L)	SPIKE RESULT (ug/L)	SPIKE RECRY. (%)
Antimony	ND	5000	5060	101
Arsenic	ND	1000	1120	112
Barium	60.2	1000	1020	96
Beryllium	ND	1000	981	98
Cadmium	ND	1000	1020	102
Calcium	30300	50000	82400	104
Chromium	ND	1000	1010	101
Cobalt	ND	1000	1010	101
Copper	64	1000	1050	99
Lead	ND	1000	1020	102
Magnesium	5250	50000	52900	95
Molybdenum	ND	1000	1010	101
Nickel	21	1000	1040	102
Potassium	40100	50000	87670	95
Selenium	ND	1000	997	100
Silver	ND	1000	1040	104
Sodium^	178000	50000	213000	71
Thallium	ND	1000	918	92
Vanadium	ND	1000	1000	100
Zinc	601	1000	1640	103

QC LIMIT: 75-125
^ Analyzed on 03/05/96

CKY QUALITY CONTROL DATA
LABORATORY CONTROL SAMPLE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 3005/6010
MATRIX: WATER

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: LCS1W/LCS1WD DATE EXTRACTED: 03/01/96
CONTROL NO.: IPC001WL/C DATE ANALYZED: 03/04/96

ACCESSION: N960202 96B134

PARAMETER	SAMPLE CONC (ug/L)	SPIKE ADDED (ug/L)	LCS CONC (ug/L)	LCS % REC	SPIKE ADDED (ug/L)	LCSD CONC (ug/L)	LCSD % REC	% RPD
Antimony	ND	5000	5090	102	5000	4909	98	4
Arsenic	ND	1000	1010	101	1000	1008	101	0
Barium	ND	1000	1012	101	1000	978	98	3
Beryllium	ND	1000	1032	103	1000	987	99	5
Cadmium	ND	1000	999	100	1000	946	95	5
Calcium	ND	50000	52316	105	50000	48247	96	8
Chromium	ND	1000	1057	106	1000	986	99	7
Cobalt	ND	1000	1032	103	1000	983	98	5
Copper	ND	1000	946	95	1000	939	94	1
Lead	ND	1000	991	99	1000	1013	101	2
Magnesium	ND	50000	49468	99	50000	48321	97	2
Molybdenum	ND	1000	1040	104	1000	990	99	5
Potassium	ND	50000	46577	93	50000	46542	93	0
Nickel	ND	1000	1031	103	1000	967	97	6
Selenium	ND	1000	1073	107	1000	983	98	9
Silver	ND	1000	1013	101	1000	970	97	4
Sodium^	ND	50000	46854	94	50000	47138	94	1
Thallium	ND	1000	934	93	1000	987	99	5
Vanadium	ND	1000	1036	104	1000	976	98	6
Zinc	ND	1000	1020	102	1000	976	98	4
QC LIMIT:				75-125			75-125	20

^ Analyzed on 03/05/96

EPA METHOD 7470
MERCURY BY COLD VAPOR

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/07/96
MATRIX:	WATER	DATE ANALYZED:	03/07/96

SAMPLE ID	CONTROL NO	RESULT (ug/L)	DILUTION FACTOR	MDL (ug/L)
MW01-S01	B134-01	ND	1	.2
MW02-S01	B134-02	ND	1	.2
MW03-S01	B134-03	.54	1	.2
MW05-S01	B134-04	5.13	1	.2
MW04-S01	B134-05	.28	1	.2
MBLK1W	HGC004WB	ND	1	.2

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 7470
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: HA0003SO001EB DATE EXTRACTED: 03/07/96
CONTROL NO.: C004-01 DATE ANALYZED: 03/07/96

ACCESSION: 96B121 96B134 96C004 96C011

PARAMETER	SAMPLE (ug/L)	DUP. SAMPLE (ug/L)	RPD (%)	RPD LIMIT (%)
Mercury	ND	ND	0	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 7470
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: HA0003SO001EB DATE EXTRACTED: 03/07/96
CONTROL NO.: C004-01 DATE ANALYZED: 03/07/96

ACCESSION: 96B121 96B134 96C004 96C011

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	QC LIMIT (%)
Mercury	ND	5.00	4.76	95	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 7470
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: HGC004WL

DATE RECEIVED: NA
DATE EXTRACTED: 03/07/96
DATE ANALYZED: 03/07/96

ACCESSION: 96B121 96B134 96C004 96C011

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	LCS RSLT (ug/L)	LCS % REC	QC LIMIT (%)
Mercury	ND	5.00	5.05	101	75-125

96B134 A1 / R6C3

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

CLIENT NAME: Ogden Environmental
ADDRESS: 5510 Morehouse Dr
San Diego, CA 92121
PHONE NO (619) 458-9044 FAX NO (619) 458-0943
PROJECT NAME: Brandywine
SEND REPORT TO: Don Barrie

DATE: 2-27-96
PAGE 1 OF

CKY incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

SAMPLER NAME/SIGNATURE
M. Porter M. Porter

TURN AROUND TIME
NORMAL ☐
RUSH ☐

	SAMPLE NUMBER	SAMPLING DATE/TIME		PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION WATER	SOIL	OTHER	418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	8010/8020	Gen Min	Nitrate?
1	MW01-S01	2-27-95	1600			X										1	3	2	1
2	MW02-S01	2-27-95	1615			X										1	3	2	1
3	MW03-S01	2-27-95	1745			X										1	3	2	1
4	MW05-S01	2-27-95	1900			X										1	3	2	1
5	MW04-S01	2-27-95	1930			X										1	3	2	1

COMMENTS: Metals in 1x1l poly w/ HNO3
8010/8020 in 3x40ml VOA
Gen Min in 2x1l poly - unpreserved
Nitrate? in 1x 500ml poly w H2SO4
each sample

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
M Porter	2-27-96		2/28/96		2/28/96		2/28/96
Company: Ogden	Time: 2045	Company:	Time: 820	Company:	Time: 1110	Company: CKY	Time: 1110.

Storage/Disposal of Samples: Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

T = 3 C

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

LABORATORY REPORT FORM

Laboratory Name: CKY, Incorporated

Address: 630 Maple Avenue, Torrance, CA 90503

Telephone (310) 618-8889

Laboratory Certification
(ELAP) No.: 1111 Expiration Date: 02/29/96

Laboratory Director's Name (Print): Kam Y. Pang, Ph.D.

Laboratory Director's Signature:

Client: Ogden Environmental
Project No.: Chula Vista

Analytical Method: (Circle One)	EPA 502.1	EPA 503.1	EPA 502.2	EPA 524.1
				EPA 524.2
	EPA 601	EPA 602		EPA 624
	(EPA 8010)	(EPA 8020)	EPA 8021	EPA 8240
				EPA 8260
Other:				
Date Sampled:	02/10/96	02/10/96		
Date Received:	02/12/96	02/12/96		
Date Reported:	02/12/96 to 02/13/96	02/12/96 to 02/14/96		
Sample Matrix:	Soil	Soil		
Extraction Method:				
Extraction Material:				

Chain of Custody Received: (Yes) No
Sample Condition

--Sample Headspace Description (%):
--Sample Container Materials:

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-01		
CLIENT SAMPLE I.D.			BWBS05S01D10.0		
COMPOUND (b)	MDL	MB	01		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	5.49		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	5.49		ND		
Toluene	5.49		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	01		
m,p–Xylenes					
Total Xylenes	16.5		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-02		
CLIENT SAMPLE I.D.			BWB505040505		
COMPOUND (b)	MDL	MB	02		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.5		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.5		ND		
Toluene	6.5		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	02		
m,p–Xylenes					
Total Xylenes	19.5		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60-140		65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96	02-14-96	
DATE EXTRACTED			NA	NA	
DILUTION FACTOR			1	1	
LAB SAMPLE I.D.			B042-03	B042-03R	
CLIENT SAMPLE I.D.			BVB505505D91	BVB505505D91	
COMPOUND (b)	MDL	MB	03	03R	
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.26		ND	ND	
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.26		ND	ND	
Toluene	6.26		ND	ND	

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	03	03R	
m,p–Xylenes					
Total Xylenes	18.8		ND	ND	
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		40+	50+	

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

\+ Outside QC limits

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED		02-12-96			
DATE EXTRACTED		NA			
DILUTION FACTOR		1			
LAB SAMPLE I.D.		B042-04			
CLIENT SAMPLE I.D.		BWB504SOIDUP.9			
COMPOUND (b)	MDL	MB	04		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	5.35		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	5.35		ND		
Toluene	5.35		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	04		
m,p–Xylenes					
Total Xylenes	16.1		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		66		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-05		
CLIENT SAMPLE I.D.			BNB504L02VK.5		
COMPOUND (b)	MDL	MB	05		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.4		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.4		ND		
Toluene	6.4		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	05		
m,p–Xylenes					
Total Xylenes	19.2		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-06		
CLIENT SAMPLE I.D.			BWBSOFSO3D06.D		
COMPOUND (b)	MDL	MB	06		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.81		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.81		ND		
Toluene	6.81		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	06		
m,p–Xylenes					
Total Xylenes	20.4		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60-140		66		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED		02-12-96	02-14-96		
DATE EXTRACTED		NA	NA		
DILUTION FACTOR		1	1		
LAB SAMPLE I.D.		VAL587B	VAL597B		
CLIENT SAMPLE I.D.		–	–		
COMPOUND (b)	MDL	MB1	MB2		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1–Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1–Dichloroethane (1,1–DCA)					
1,2–Dichloroethane (1,2–DCA)					
1,1–Dichloroethylene (1,1–DCE)					
trans–1,2–Dichloroethylene					
Dichloromethane					
1,2–Dichloropropane					
cis–1,3–Dichloropropylene					
trans–1,3–Dichloropropylene					
1,1,1,2–Tetrachloroethane					
1,1,2,2–Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1–Trichloroethane (111–TCA)					
1,1,2–Trichloroethane (112–TCA)					
Trichloroethylene (TCE)					
1,2,3–Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	5	ND	ND		
Chlorobenzene					
1,2–Dichlorobenzene					
1,3–Dichlorobenzene					
1,4–Dichlorobenzene					
Ethyl benzene	5	ND	ND		
Toluene	5	ND	ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB1	MB2		
m,p–Xylenes					
Total Xylenes	15	ND	ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60-140	71	65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: B042-01

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD
1,1-Dichloroethene	274	284	103	277	101	3	60-140	40
Trichloroethene	274	282	103	280	102	0	60-140	40
Chlorobenzene	274	302	110	302	110	0	60-140	40

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587L

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
1,1-Dichloroethene	100.00	123.00	123	80-120
Trichloroethene	100.00	119.00	119	80-120
Chlorobenzene	100.00	121.00	121	80-120
				80-120
				80-120
				80-120
				80-120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587C

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
1,1-Dichloroethene	100.00	122.00	122	80–120
Trichloroethene	100.00	124.00	124	80–120
Chlorobenzene	100.00	119.00	119	80–120
				80–120
				80–120
				80–120
				80–120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-01		
CLIENT SAMPLE I.D.			BWB505501010.0		
COMPOUND (b)	MDL	MB	01		
Bromobenzene					
Bromodichloromethane					
Bromoform	5.49		ND		
Bromomethane	27.4		ND		
Carbon tetrachloride	5.49		ND		
Chloroethane	27.4		ND		
Chloroform	5.49		ND		
1-Chlorohexane					
Chloromethane	27.4		ND		
Dibromochloromethane	5.49		ND		
Dibromomethane					
Dichlorodifluoromethane	27.4		ND		
1,1-Dichloroethane (1,1-DCA)	5.49		ND		
1,2-Dichloroethane (1,2-DCA)	5.49		ND		
1,1-Dichloroethylene (1,1-DCE)	5.49		ND		
trans-1,2-Dichloroethylene	5.49		ND		
Dichloromethane	27.4		ND		
1,2-Dichloropropane	5.49		ND		
cis-1,3-Dichloropropylene	5.49		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	5.49		ND		
1,1,2,2-Tetrachloroethane	5.49		ND		
Tetrachloroethylene (PCE)	5.49		ND		
1,1,1-Trichloroethane (111-TCA)	5.49		ND		
1,1,2-Trichloroethane (112-TCA)	5.49		ND		
Trichloroethylene (TCE)	5.49		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	5.49		ND		
Vinyl chloride	27.4		ND		
Benzene					
Chlorobenzene	5.49		ND		
1,2-Dichlorobenzene	5.49		ND		
1,3-Dichlorobenzene	5.49		ND		
1,4-Dichlorobenzene	5.49		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	01		
m,p–Xylenes					
Benzylchloride	5.49		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	5.49		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	5.49		ND		
1,3–Dichloropropane	5.49		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	5.49		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		108		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-02		
CLIENT SAMPLE I.D.			BWBS0504085.5		
COMPOUND (b)	MDL	MB	02		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.5		ND		
Bromomethane	32.5		ND		
Carbon tetrachloride	6.5		ND		
Chloroethane	32.5		ND		
Chloroform	6.5		ND		
1-Chlorohexane					
Chloromethane	32.5		ND		
Dibromochloromethane	6.5		ND		
Dibromomethane					
Dichlorodifluoromethane	32.5		ND		
1,1-Dichloroethane (1,1-DCA)	6.5		ND		
1,2-Dichloroethane (1,2-DCA)	6.5		ND		
1,1-Dichloroethylene (1,1-DCE)	6.5		ND		
trans-1,2-Dichloroethylene	6.5		ND		
Dichloromethane	32.5		ND		
1,2-Dichloropropane	6.5		ND		
cis-1,3-Dichloropropylene	6.5		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.5		ND		
1,1,2,2-Tetrachloroethane	6.5		ND		
Tetrachloroethylene (PCE)	6.5		ND		
1,1,1-Trichloroethane (111-TCA)	6.5		ND		
1,1,2-Trichloroethane (112-TCA)	6.5		ND		
Trichloroethylene (TCE)	6.5		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.5		ND		
Vinyl chloride	32.5		ND		
Benzene					
Chlorobenzene	6.5		ND		
1,2-Dichlorobenzene	6.5		ND		
1,3-Dichlorobenzene	6.5		ND		
1,4-Dichlorobenzene	6.5		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	02		
m,p–Xylenes					
Benzylchloride	6.5		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.5		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.5		ND		
1,3–Dichloropropane	6.5		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.5		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		108		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-03		
CLIENT SAMPLE I.D.			BWB505505D91		
COMPOUND (b)	MDL	MB	03		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.26		ND		
Bromomethane	31.3		ND		
Carbon tetrachloride	6.26		ND		
Chloroethane	31.3		ND		
Chloroform	6.26		ND		
1-Chlorohexane					
Chloromethane	31.3		ND		
Dibromochloromethane	6.26		ND		
Dibromomethane					
Dichlorodifluoromethane	31.3		ND		
1,1-Dichloroethane (1,1-DCA)	6.26		ND		
1,2-Dichloroethane (1,2-DCA)	6.26		ND		
1,1-Dichloroethylene (1,1-DCE)	6.26		ND		
trans-1,2-Dichloroethylene	6.26		ND		
Dichloromethane	31.3		ND		
1,2-Dichloropropane	6.26		ND		
cis-1,3-Dichloropropylene	6.26		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.26		ND		
1,1,2,2-Tetrachloroethane	6.26		ND		
Tetrachloroethylene (PCE)	6.26		ND		
1,1,1-Trichloroethane (111-TCA)	6.26		ND		
1,1,2-Trichloroethane (112-TCA)	6.26		ND		
Trichloroethylene (TCE)	6.26		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.26		ND		
Vinyl chloride	31.3		ND		
Benzene					
Chlorobenzene	6.26		ND		
1,2-Dichlorobenzene	6.26		ND		
1,3-Dichlorobenzene	6.26		ND		
1,4-Dichlorobenzene	6.26		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	03		
m,p–Xylenes					
Benzylchloride	6.26		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.26		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.26		ND		
1,3–Dichloropropane	6.26		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.26		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		66		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-04		
CLIENT SAMPLE I.D.			BMB504501D26.5		
COMPOUND (b)	MDL	MB	04		
Bromobenzene					
Bromodichloromethane					
Bromoform	5.35		ND		
Bromomethane	26.8		ND		
Carbon tetrachloride	5.35		ND		
Chloroethane	26.8		ND		
Chloroform	5.35		ND		
1-Chlorohexane					
Chloromethane	26.8		ND		
Dibromochloromethane	5.35		ND		
Dibromomethane					
Dichlorodifluoromethane	26.8		ND		
1,1-Dichloroethane (1,1-DCA)	5.35		ND		
1,2-Dichloroethane (1,2-DCA)	5.35		ND		
1,1-Dichloroethylene (1,1-DCE)	5.35		ND		
trans-1,2-Dichloroethylene	5.35		ND		
Dichloromethane	26.8		ND		
1,2-Dichloropropane	5.35		ND		
cis-1,3-Dichloropropylene	5.35		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	5.35		ND		
1,1,2,2-Tetrachloroethane	5.35		ND		
Tetrachloroethylene (PCE)	5.35		ND		
1,1,1-Trichloroethane (111-TCA)	5.35		ND		
1,1,2-Trichloroethane (112-TCA)	5.35		ND		
Trichloroethylene (TCE)	5.35		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	5.35		ND		
Vinyl chloride	26.8		ND		
Benzene					
Chlorobenzene	5.35		ND		
1,2-Dichlorobenzene	5.35		ND		
1,3-Dichlorobenzene	5.35		ND		
1,4-Dichlorobenzene	5.35		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	04		
m,p–Xylenes					
Benzylchloride	5.35		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	5.35		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	5.35		ND		
1,3–Dichloropropane	5.35		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	5.35		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		104		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-05		
CLIENT SAMPLE I.D.			BWB5045D2D76.5		
COMPOUND (b)	MDL	MB	05		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.4		ND		
Bromomethane	32		ND		
Carbon tetrachloride	6.4		ND		
Chloroethane	32.		ND		
Chloroform	6.4		ND		
1-Chlorohexane					
Chloromethane	32		ND		
Dibromochloromethane	6.4		ND		
Dibromomethane					
Dichlorodifluoromethane	32		ND		
1,1-Dichloroethane (1,1-DCA)	6.4		ND		
1,2-Dichloroethane (1,2-DCA)	6.4		ND		
1,1-Dichloroethylene (1,1-DCE)	6.4		ND		
trans-1,2-Dichloroethylene	6.4		ND		
Dichloromethane	32		ND		
1,2-Dichloropropane	6.4		ND		
cis-1,3-Dichloropropylene	6.4		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.4		ND		
1,1,2,2-Tetrachloroethane	6.4		ND		
Tetrachloroethylene (PCE)	6.4		ND		
1,1,1-Trichloroethane (111-TCA)	6.4		ND		
1,1,2-Trichloroethane (112-TCA)	6.4		ND		
Trichloroethylene (TCE)	6.4		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.4		ND		
Vinyl chloride	32		ND		
Benzene					
Chlorobenzene	6.4		ND		
1,2-Dichlorobenzene	6.4		ND		
1,3-Dichlorobenzene	6.4		ND		
1,4-Dichlorobenzene	6.4		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	05		
m,p–Xylenes					
Benzylchloride	6.4		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.4		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.4		ND		
1,3–Dichloropropane	6.4		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.4		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60-140		110		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-06		
CLIENT SAMPLE I.D.			BNB504503D06.0		
COMPOUND (b)	MDL	MB	06		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.81		ND		
Bromomethane	34.1		ND		
Carbon tetrachloride	6.81		ND		
Chloroethane	34.1		ND		
Chloroform	6.81		ND		
1-Chlorohexane					
Chloromethane	34.1		ND		
Dibromochloromethane	6.81		ND		
Dibromomethane					
Dichlorodifluoromethane	34.1		ND		
1,1-Dichloroethane (1,1-DCA)	6.81		15		
1,2-Dichloroethane (1,2-DCA)	6.81		ND		
1,1-Dichloroethylene (1,1-DCE)	6.81		ND		
trans-1,2-Dichloroethylene	6.81		ND		
Dichloromethane	34.1		ND		
1,2-Dichloropropane	6.81		ND		
cis-1,3-Dichloropropylene	6.81		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.81		ND		
1,1,2,2-Tetrachloroethane	6.81		ND		
Tetrachloroethylene (PCE)	6.81		11		
1,1,1-Trichloroethane (111-TCA)	6.81		ND		
1,1,2-Trichloroethane (112-TCA)	6.81		12		
Trichloroethylene (TCE)	6.81		240		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.81		ND		
Vinyl chloride	34.1		ND		
Benzene					
Chlorobenzene	6.81		ND		
1,2-Dichlorobenzene	6.81		9.0		
1,3-Dichlorobenzene	6.81		ND		
1,4-Dichlorobenzene	6.81		12		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	06		
m,p–Xylenes					
Benzylchloride	6.81		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.81		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.81		ND		
1,3–Dichloropropane	6.81		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.81		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60-140		119		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED		02-12-96			
DATE EXTRACTED		NA			
DILUTION FACTOR		1			
LAB SAMPLE I.D.		VAL587B			
CLIENT SAMPLE I.D.		-			
COMPOUND (b)	MDL	MB1			
Bromobenzene					
Bromodichloromethane					
Bromoform	5	ND			
Bromomethane	25	ND			
Carbon tetrachloride	5	ND			
Chloroethane	25	ND			
Chloroform	5	ND			
1-Chlorohexane					
Chloromethane	25	ND			
Dibromochloromethane	5	ND			
Dibromomethane					
Dichlorodifluoromethane	25	ND			
1,1-Dichloroethane (1,1-DCA)	5	ND			
1,2-Dichloroethane (1,2-DCA)	5	ND			
1,1-Dichloroethylene (1,1-DCE)	5	ND			
trans-1,2-Dichloroethylene	5	ND			
Dichloromethane	25	ND			
1,2-Dichloropropane	5	ND			
cis-1,3-Dichloropropylene	5	ND			
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	5	ND			
1,1,2,2-Tetrachloroethane	5	ND			
Tetrachloroethylene (PCE)	5	ND			
1,1,1-Trichloroethane (111-TCA)	5	ND			
1,1,2-Trichloroethane (112-TCA)	5	ND			
Trichloroethylene (TCE)	5	ND			
1,2,3-Trichloropropane					
Trichlorofluoromethane	5	ND			
Vinyl chloride	25	ND			
Benzene					
Chlorobenzene	5	ND			
1,2-Dichlorobenzene	5	ND			
1,3-Dichlorobenzene	5	ND			
1,4-Dichlorobenzene	5	ND			
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB1			
m,p–Xylenes					
Benzylchloride	5	ND			
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	5	ND			
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	5	ND			
1,3–Dichloropropane	5	ND			
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	5	ND			
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140	115			

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analitical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: 02-13-96
BATCH: 96B042
LAB SAMPLE I.D.: B042-01

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD
Benzene	274	228	83	226	82	1	60-140	40
Toluene	274	223	81	223	81	0	60-140	40
Ethylbenzene	274	237	86	237	86	0	60-140	40
Total Xylenes	823	597	73	598	73	0	60-140	40

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587L

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	88.50	88	80-120
Toluene	100.00	90.00	90	80-120
Ethylbenzene	100.00	100.50	101	80-120
Total Xylenes	300.00	248.00	83	80-120
				80-120
				80-120
				80-120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587C

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	88.00	88	80–120
Toluene	100.00	89.00	89	80–120
Ethylbenzene	100.00	104.00	104	80–120
Total Xylenes	300.00	261.00	87	80–120
				80–120
				80–120
				80–120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-14-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL597L

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	90.00	90	80–120
Toluene	100.00	91.50	92	80–120
Ethylbenzene	100.00	88.50	89	80–120
Total Xylenes	300.00	240.00	80	80–120
				80–120
				80–120
				80–120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-14-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL597C

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	87.00	87	80–120
Toluene	100.00	88.50	88	80–120
Ethylbenzene	100.00	96.50	97	80–120
Total Xylenes	300.00	232.00	77	80–120
				80–120
				80–120
				80–120

ANALYST: Barry Ng DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

APPENDIX C

USE OF A GEO FLOWMETER FOR THE DETERMINATION OF GROUND WATER FLOW DIRECTION

Reference: Guthrie, M., "Use of a Geo Flowmeter for the Determination of Ground Water Flow," Ground Water Monitoring Review, Vol. 6, No. 1, 1986, pp. 81-86.

Use of a Geo Flowmeter for the Determination of Ground Water Flow Direction

by Marilyn Guthrie

Abstract

The Geo Flowmeter is manufactured by K.V. Associates of Falmouth, Massachusetts, and is used to determine ground water flow direction and velocity in monitoring wells or open boreholes. It operates by emitting heat pulses and measuring subsequent temperature increases carried by the ground water movement. The meter can be used in wells as small as 2 inches in diameter and only a single well is required for determination of ground water flow direction and rate.

This paper is a case history of the use of the Geo Flowmeter in a complex hydrogeologic setting consisting of a partially above grade landfill located between a navigable waterway and a large storm water impoundment basin. Mounding effects of the landfill, tidal changes in the channel, varying water levels in the impoundment basin and a complex substrate (alternating layers of sand, silt and clay) presented a challenge for ground water interpretation and analysis. The Geo Flowmeter was lowered into existing monitoring wells surrounding the landfill to determine grounid water flow direction and rate. Sensitivity of the meter was sufficient to distinguish two separate flow directions in a single well screen. Later investigation involving installation of piezometers, long-term ground water level monitoring and plotting of ground water contours verified initial findings of the meter.

This article presents numerous graphs and pictures to illustrate field use of the instrument and discusses advantages and disadvantages of its use. Actual field data collected is included to provide a basis for evaluating the accuracy of the instrument and identifying situations where it may be used.

Introduction

The Geo Flowmeter, manufactured by K.V. Associates of Falmouth, Massachusetts, is a portable field instrument used for determining ground water direction and velocity. It can be used in saturated soil, open boreholes and in different size wells.

The instrument operates by emitting heat pulses and simultaneously measuring the temperature differential around the circumference of the well. The heat pulses are carried in one direction by the movement of soil pore water, thus causing a temperature differential. By plotting the measured temperature differential in vector form, the direction of ground water flow is determined.

K.V. Associates has used this instrument for measuring ground water direction and velocity in many different settings. In one reported case, borings were made through rock and screened in the sandy till below and the meter was used to predict the deep and shallow flow movement. Studies have also been done to determine flow through lakes and ponds.

This paper documents use of the instrument in the understanding of flow in a complex hydrology setting. Operating principles, operating instructions and supporting data documenting its accuracy are also presented. Finally, advantages and disadvantages of using the instrument are presented based on actual field experience.

Methods and Materials

Figure 2.1 shows all the components of the K.V. Associates Geo Flowmeter. The instrument operates on the theory of heat movement by the soil pore water as illustrated by Figure 2.2.

The instrument consists of a heat source sur-

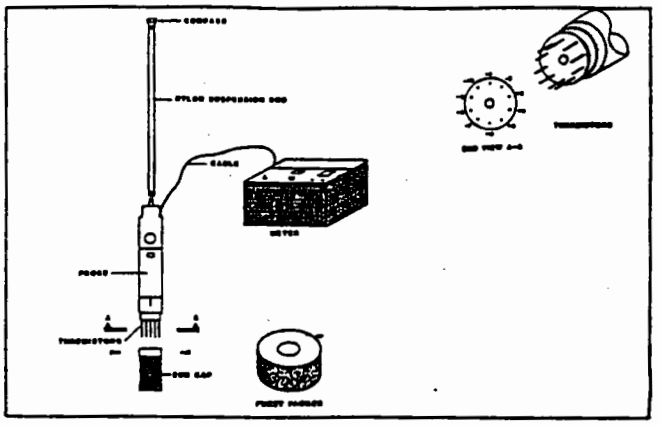


Figure 2.1 Instrument setup for Geo Flowmeter

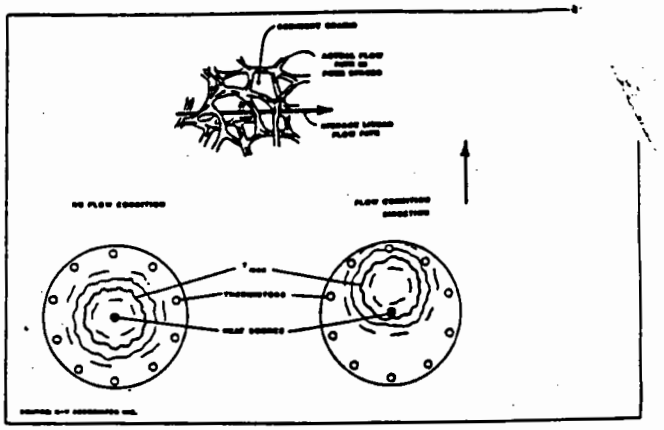


Figure 2.2 Concept of flow through pore spaces in soil and Geo Flowmeter flow conditions

rounded by 10 thermistors, each of which are paired to another making a total of five pair (Figure 2.1). The relative thermal difference is displayed, and the sign (+ or -) of the value indicates which of the two thermistors is reading the higher temperature. For example, if thermistor +1 is hotter than its pair, thermistor -6, the display will be a positive value indicating flow (heat) in the direction of +1 (Figure 2.2).

In a no-flow condition all thermistors see the same temperature rise with time and there is no net difference between pairs (Figure 2.2).

Equipment Description

Figure 2.3 illustrates how the probe is set up for down the well use. In short, the end cap which contains glass beads is attached to the probe and the probe is then suspended in the well by nylon rods. The compass tee is then attached to the last rod for orientation purposes.

The diameter of the well will determine the type of attachment that must be placed on the end of the probe. The first type of attachment, useful only in 2-inch wells, is called an end cap and consists of a grey netting filled with glass beads (Figure 2.1). This end cap is attached directly to the probe with two small screws and surrounds the probe with a loose porous medium (the glass beads). The second type of attachment is called a fuzzy packer and can be used in 2-, 4-and 6-inch wells. The fuzzy packer is a cylinder with a fuzzy covering made to fit tightly down a well (Figure 2.1). This cylinder is also filled with small glass beads to provide a porous medium through which the flow will stabilize (Figure 2.1). The fuzzy packer also attaches with two mounting screws directly to the probe.

The probe is suspended in the well by the 5-foot nylon suspension rods which join together by snap buttons (Figure 2.3). The probe is then lowered down the well until it is at the depth of the screen. Care must be taken to be sure that the probe is set in the screen of the well and not just in the water. (It is necessary to know the depth of the screen before heading to the field.) Using a pipe ring to hold the nylon tubing, the probe can be suspended at a certain depth.

Once the probe is set at the proper depth, it must be oriented to north. To facilitate this, the compass is placed on the top most attached nylon rod and snapped in (Figure 2.1). The snap attachment ensures that the number +1 probe is lined up with the north reading on the compass. When the compass arrow is oriented toward the north, the probe is ready for use.

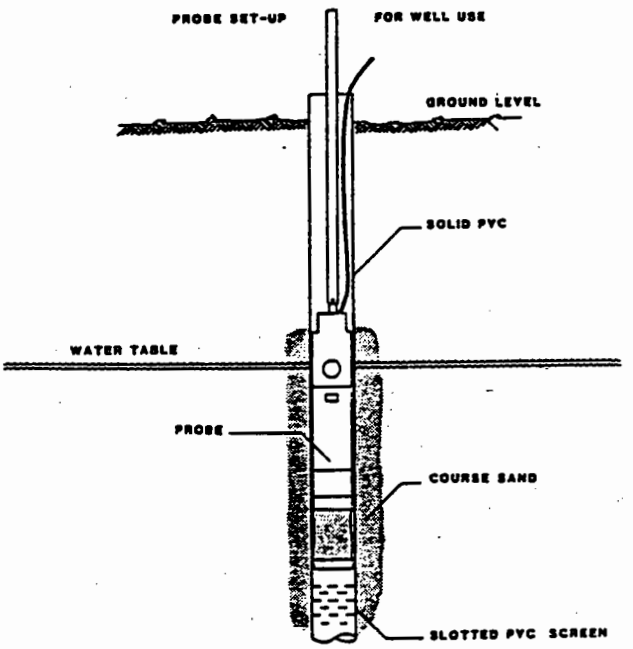


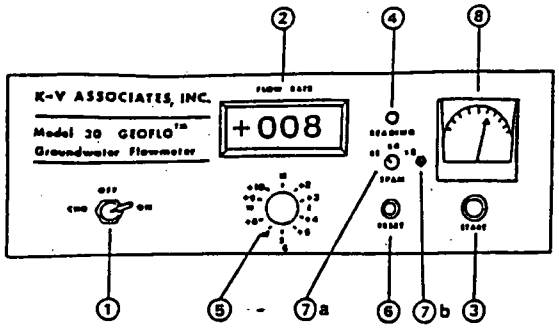
Figure 2.3 Downwell setup for the Geo Flowmeter

Operating Procedure

The rotary switch selects which pair of thermistors are being read and displayed. (Figure 2.4, #5.) The flow rate and direction indicator by + or - is displayed on the LCD (liquid crystal display) as the rotary switch is moved from channel to channel.

Readings for each channel should be monitored at short intervals until a stable display is observed. Values should be within +10, however, they may be larger with a greater sensitivity setting. Values for the five channels are recorded on a Ground Water Flow Worksheet in Column A, as illustrated in Figure 2.5. After pressing the START button, the LED will flash to indicate that a measurement cycle is in progress. When the beeper sounds (1½ minutes for Model 30), values from respective channels in the "end" column B are immediately recorded. The RESET button can be pressed to silence the beeper.

Next, the probe must be oriented in the south direction again allowing at least five minutes for heat to dissipate and flow to re-establish. It is suggested that the fuzzy packer be raised and lowered several times in order to help the heat dissipate. After five



OPERATING CONTROLS

Item	Function	Instruction
①	Switch applies batteries to instrument operation or external battery charger.	Push toggle to right to power instrument. Push left to charge battery.
②	Panel meter gives digital flow rate.	Values are typically read in units of ft/day.
③	Switch starts measurement cycle and heat pulse.	Push to start when probe is in place.
④	LED flashes during reading time of measurement cycle.	Do not disturb probe during measurement cycle.
⑤	Rotary switch selects direction, i.e. one of 3 pairs of opposed thermistors in probe; thermistor #1 oriented North.	Record readings for each position before and after measurement cycle.
⑥	Push button resets timers.	Push to reset buzzer or interrupt a measurement cycle in process.
⑦ a) Span switch adjusts sensitivity.		a) 12= low; 42= medium; 62= high sensitivity.
⑦ b) Adjacent multi-turn span pot makes fine adjustments to span switch levels.		b) Adjustments clockwise increase sensitivity.
⑧	Ammeter displays current flow.	Provides confirmation of current flow and indicates battery condition.

(-)

SOURCE: K-V ASSOCIATES INC.

Figure 2.4 Operating controls for the KV Associates Geo Flowmeter

minutes the cycle can be repeated and readings recorded in the second set of columns. Column B is then subtracted from Column A and the results placed in Column N (or C) as shown in Figure 2.5; repeating the procedure in Column S. Then Column S is subtracted from Column N and divided by 2 (the result is recorded in Column F). Each reading in Column F is then divided by the largest absolute value in this column. Vectors can then be drawn on the circular diagram on the right side of the worksheet for each value with the largest value being 1. Then starting at the end of the largest vector, draw vectors head to tail, keeping their respective lengths and directions the same. After redrawing the four other vectors, a line drawn from the center through the head of the last vector will intersect the outermost circle of the paper at a degree reading representing the principal direction of flow.

This instrument was also used in open core borings. In this case the prongs of the probe are inserted directly into the soil and readings taken as before. If the bottom of the hold consists of clay, placement of the probe may be difficult since the nylon rods bend easily. When the probe is rotated to the south, it is suggested that the probe be pulled completely from the hole and sediment removed from between the prongs of the probe.

Velocity of the ground water movement can also be computed as follows:

$Nc \times F_L$ = feet/day through (V_G) glass beads

Where:

Nc = Calibration number

F_L = Largest value in the Column F (worksheet)

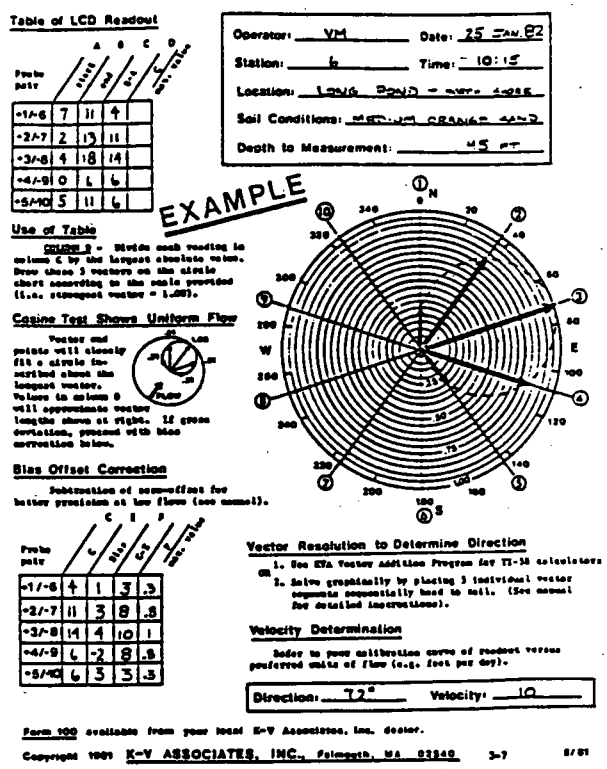


Figure 2.5 Ground water flow worksheet

4.

Then, using the ratio:

$$\frac{.33}{V_G} \quad \frac{P_s}{V_S}$$

Where:

.33 = the void space of the glass beads

V_G = feet/day through glass beads

V_S = feet/day through the soil

P_S = porosity of soil calculated by filling a graduated cylinder with 25 ml of water and then dumping soil into the water until the soil height reaches 25 ml. Then dividing the difference by the old measurement (25 ml) to compute void space.

Case History

Figure 3.1 shows a specific site layout where the KV-Meter was used for investigative purposes. The site under investigation is an above grade landfill, approximately two (2) acres in size. It is located adjacent to an intercoastal waterway. Ground water in this area is affected by tidal changes and the water level in a storm water impoundment. The geology of the area is made up of relatively complex river deposits of alternating layers of sand, silt and clay (Figure 3.2)

Concern over the area began with the installation of Well-A (Figure 3.1) Initial and later tests showed low pHs in this well and the source of the low pH was unknown. No record of what was deposited in the landfill was available and many pipelines run through this area making source determination difficult. A second well, Well-B, was placed near the storm water impoundment (Figure 3.1) but showed a relatively normal ph of 6 units.

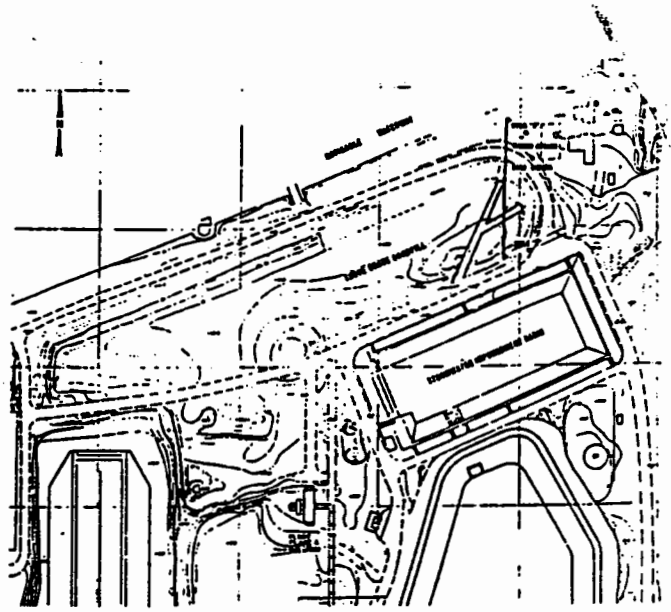


Figure 3.1 Geo Flowmeter site map

The Geo Flowmeter was inserted in these two wells and the resultant readings are shown on Figure 3 3. The shallow reading (13 feet) in Well-A and the deep reading (25 feet) showed ground water flow to be in the direction of the water way. However, the shallow reading in Well-B showed flow to be in the direction of the storm water impoundment basin.

A series of new wells (Figure 3.4) were installed in order to determine the presence of contamination. From the new wells and the reading from the Geo Flowmeter, flow lines were drawn on a cross section to show the shallow and deep flow directions as shown in Figure 3.5; the above grade landfill is causing a slight

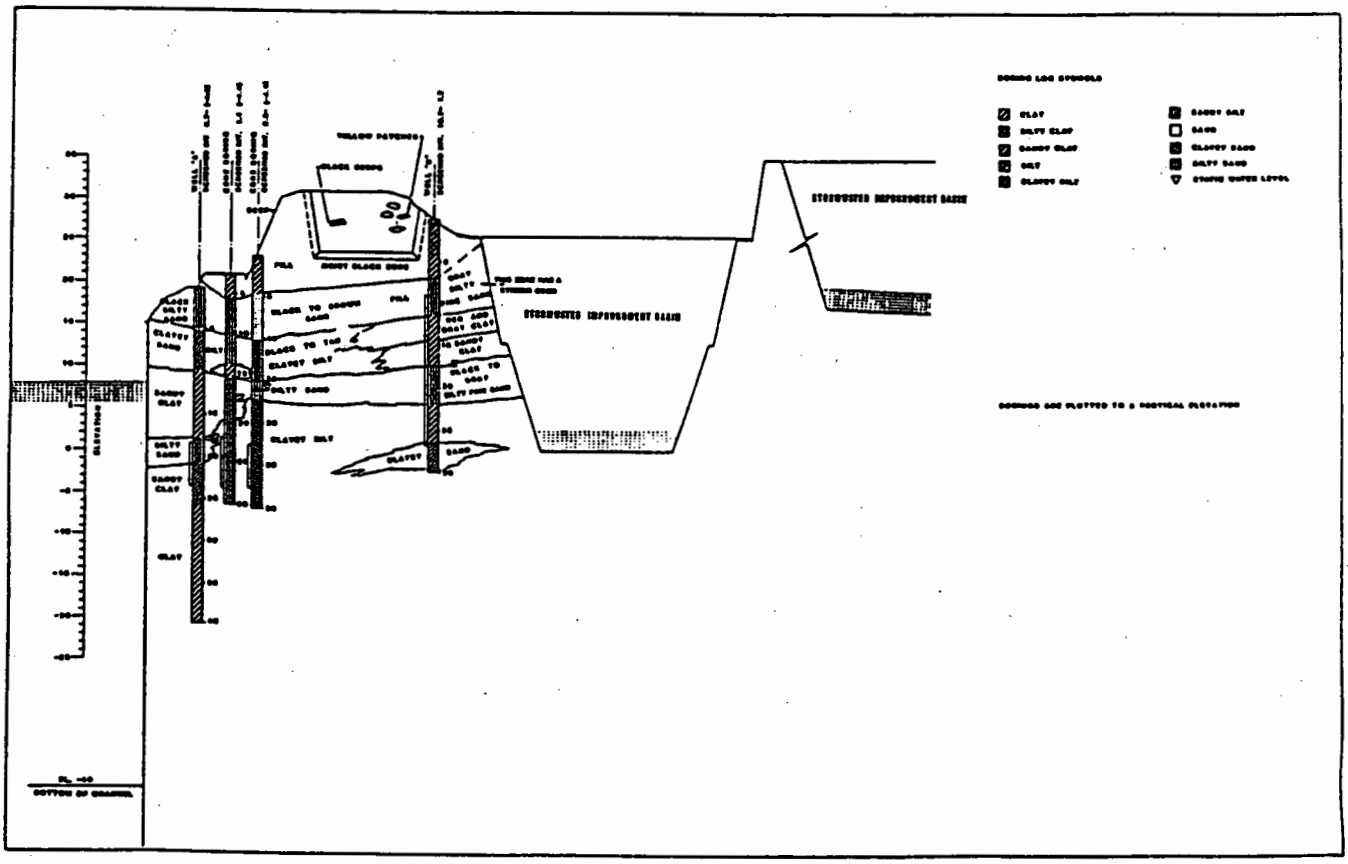


Figure 3.2 Subsurface cross section of above grade landfill

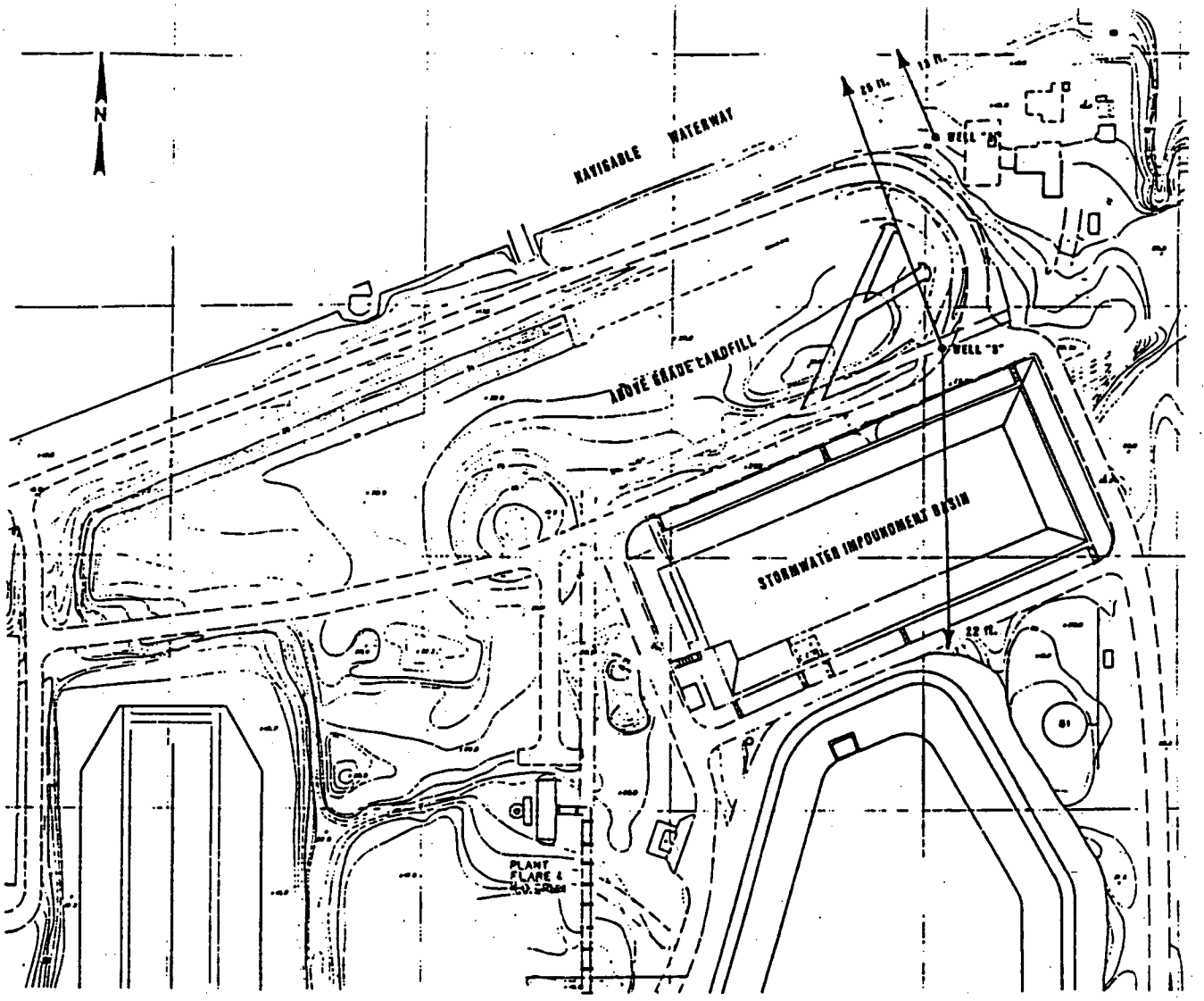


Figure 3.3 Site map with Geo Flowmeter readings

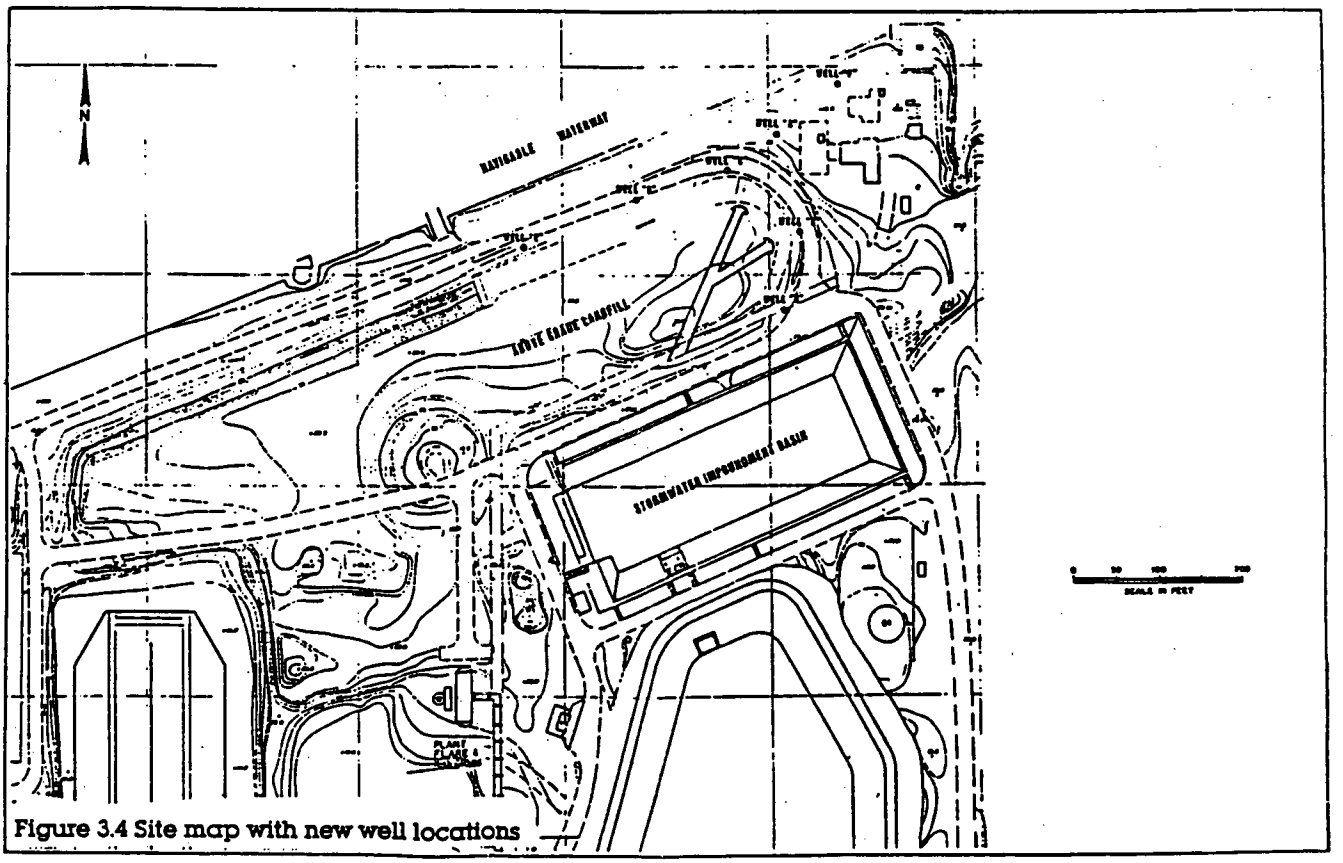


Figure 3.4 Site map with new well locations

mounding effect. Further, the storm water basin is continually pumped dry causing the local gradient to be toward the basin. However, the underlying regional gradient is toward the waterway.

Additional evidence to support the effects of the storm water basin was gathered from continual water level monitors placed in the basin, Well-A, Well-B and the water way. As rainfall was collected and the water level of the basin increased, Well-B adjusted accordingly. On the other hand, Well-A was affected directly by the rising and falling of the waterway.

Conclusions

The Geo Flowmeter is very appealing because it is portable and easy to use once operation of the instrument is mastered. It is sensitive enough to give readings of two different directions in a single screen and its sensitivity to local ground water flows makes it very attractive. Regional ground water flows derived from wells may miss local situations which may be important in analysis of underground storage facility settings. When compared to an extensive drilling program, it is relatively inexpensive. In addition, much information can be derived by using the instrument and only a few wells.

Disadvantages would include the time and effort it takes to understand and use the instrument properly. The operating manual certainly needs to be more explicit. It must also be remembered that in many cases the meter will indicate a very local situation that could be subject to change. For example, the flow in some wells actually reversed because of tidal situations. Not all readings taken during the testing of this instrument were 100 percent convincing, particularly those taken in open boreholes. In a deep boring, it was very difficult to determine if the instrument was placed in the soil correctly.

Acknowledgments

Support for the landfill study was provided by ERM-Southwest Inc. Suggestions regarding the ground water investigation and for improving the manuscript were made by Mike Pisani of ERM-Southwest.

References

K.V. Associates Inc. 1982. Ground Water Flowmeter System—Operations and Maintenance Manual. K.V. Associates, Falmouth, Massachusetts.

Biographical Sketch

Marilyn Guthrie is employed by the ARCO Petroleum Products Co. and is involved in geologic investigations, ground water monitoring, hydrocarbon recovery and RCRA permitting at the Houston Refinery in Houston, Texas. This article was written as a result of the author's experience with the Geo Flowmeter at the refinery.

Guthrie is a graduate of Baylor University with a bachelor of science in geology. Upper level classwork was completed in hydrogeology and hydrology; undergraduate thesis dealt with the surface water problems of a dam in Waco, Texas. Graduate work is currently being completed at the University of Houston.

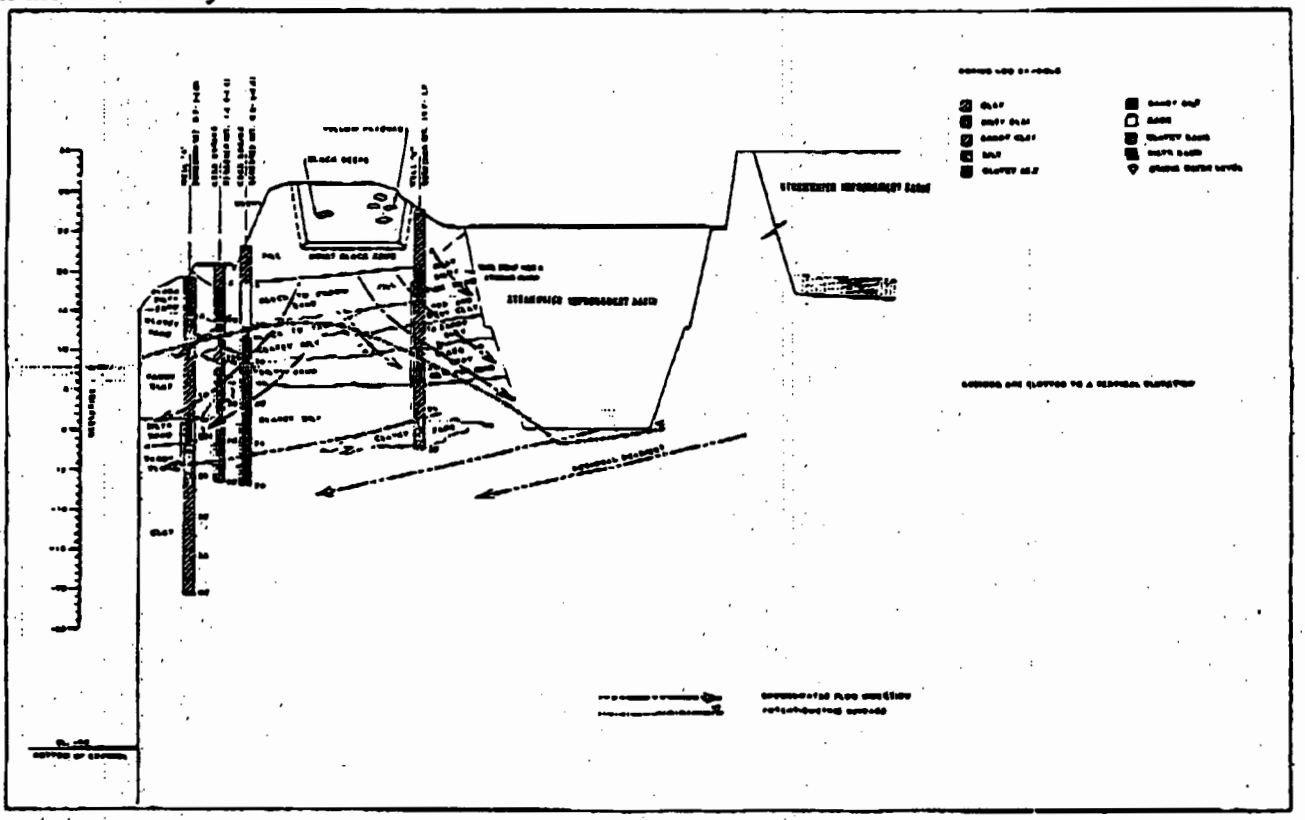


Figure 3.5 Subsurface cross section with flow lines of above grade landfill

Request # _____

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6700 FAX (858) 505-6848
www.sdcdeh.org

PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

Requestor Name: Sara Gengler **E-Mail:** RedactorsInk@yahoo.com

Phone: (702) 240-9689 **FAX:** ( )

Company Name: Redactors Ink

Mailing Address: 237 Fowles St., Oceanside, CA 92054

(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, www.sdcdeh.org. Fax or email your completed form to the Public Records Program at (858) 505-6848 or deh.publicrecords@sdcounty.ca.gov. The following information is required. Separate forms are needed for each address or parcel number.

517 Shinohara Lane, Chula Vista, CA 91911 **or** **644-040-01-00**

Exact Address (Street, City and Zip Code) | Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

Please indicate the purpose of your search by checking all that apply:

☒ Contaminated Property Investigation(s) (SAM Cases)
☒ Monitoring Well Files
☒ SAM Closure Letter/Report
☒ Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
☒ Other (specify):_____

OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: _____ of _____ Date: _____

Files copied for: _____ of _____ Date: _____

Request cancelled by: _____ Date: _____

Photocopies _____ Cost _____ Picked up/mailed on _____ By _____

A search for DEH records checked above has been conducted and the following apply:

☐ SAM files for the permit number(s) listed below are available.
#_____ #_____ #_____ #_____ #_____

☐ HMD/UST files for the permit number(s) listed below are available.
#_____ #_____ #_____ #_____ #_____

☐ Original records were purged.
#_____ #_____ #_____ #_____ #_____

☐ No SAM/HMD/UST records were found for the address/APN you requested.

_____ _____
Signature - DEH Representative | Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 12-328
12-329

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6700 FAX (858) 505-6848
www.sdcdeh.org

PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

Requestor Name: Sara Gengler **E-Mail:** RedactorsInk@yahoo.com

Phone: (702) 240-9689 **FAX:** ( )

Company Name: Redactors Ink

Mailing Address: 237 Fowles St., Oceanside, CA 92054
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, www.sdcdeh.org. Fax or email your completed form to the Public Records Program at (858) 505-6848 or deh.publicrecords@sdcounty.ca.gov. The following information is required. Separate forms are needed for each address or parcel number.

517 Shinohara Lane, Chula Vista, CA 91911 (Exact Address (Street, City and Zip Code)) **or** 644-040-01-00 (Assessor Parcel Number)

Optional information (establishment permit number, business name, etc.):

Please indicate the purpose of your search by checking all that apply:

- ☒ Contaminated Property Investigation(s) (SAM Cases)
- ☒ Monitoring Well Files
- ☒ SAM Closure Letter/Report
- ☒ Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- ☒ Other (specify):____

OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: _____ of _____ Date: _____

Files copied for: _____ of _____ Date: _____

Request cancelled by: _____ Date: _____

Photocopies _____ Cost _____ Picked up/mailed on _____ By _____

A search for DEH records checked above has been conducted and the following apply:

☐ SAM files for the permit number(s) listed below are available.
#_____ #_____ #_____ #_____ #_____

☐ HMD/UST files for the permit number(s) listed below are available.
#_____ #_____ #_____ #_____ #_____

☐ Original records were purged.
#_____ #_____ #_____ #_____ #_____

☒ No SAM/HMD/UST records were found for the address/APN you requested.

_____ 12/27/17
Signature - DEH Representative Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) Zone 11. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242** or visit its website at http://www.ngs.noaa.gov/.

Base map information shown on this FIRM was provided in digital format by the USDA National Agriculture Imagery Program (NAIP). this information was photogrammetrically compiled at a scale of 1:24,000 from aerial photography dated 2009.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables *in the Flood Insurance Study report (which contains authoritative hydraulic data)* may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-877-FEMA MAP (1-877-336-2627) for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip/.

The **"profile base lines"** depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the "profile base line", in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.


117°01'52.5"
4 98 000mE
JOINS PANEL 1919
4 99 000mE
117°00'00"
32°37'30"
36 09 000mN
1805000 FT
JOINS PANEL 2156
JOINS PANEL 2176
36 08 000mN
1800000 FT
36 07 000mN
32°35'37.5"
6325000 FT
JOINS PANEL 2159
6330000 FT
ZONE X
ZONE A
Poggi Canyon Creek
1% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT
RANCHO NACION LAND GRANT
RANCHO OTAY (ESTUDILLO) LAND GRANT
LAND GRANT BOUNDARY
CITY OF CHULA VISTA
065021
SAN DIEGO COUNTY
UNINCORPORATED AREAS
060284
SAN DIEGO COUNTY
CITY OF CHULA VISTA
NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 18 SOUTH, RANGE 1 WEST AND THE RANCHO NACION LAND GRANT AND THE RANCHO OTAY (ESTUDILLO) LAND GRANT.
CARISSA AVE
GEORGETOWN PL
INDIGO CANYON RD
CLOVERDALE CANYON DR
SUNDOWN LN
RAINBOW CT
NAPLES ST
HAMPSHIRE LN
NANTUCKET DR
SIPES DR
BIERNACKI CT
HARLAN CT
ALBEN ST
WHITAKER DR
KELSO CT
DIAMOND DR
MEDICAL CENTER DR
SESAME ST
DOGGETT
SULLIVAN CT
GIVENS ST
STARKER CT
NEWPORT CT
ROUSH CT
DOWNEY CT
DAWSON CT
CAMINITO CUMBRES
PASEO DORADO
STEFAS CT
RIGLEY ST
CAMINITO VALIENTE
CALLECITA AGUILA S
MEDICAL CENTER CT
PALOMAR ST
DAVIES DR
HUMPHREY PL
WISE ST
TABER DR
PAPPAS CT
FERKINS DR
COOPER RD
LA CHICA DR
TOBLES DR
ROBLES DR
FARRER ST
VENTERS DR
SHERMAN DR
THOMAS PL
RAMBAR PROLE PL
SPRAGUE PL
ENGLEMAN CT
TOBIA RD
WELCH PL
QUILALANG CT
CARBAJAL CT
OWEN DR
AZALEA ST
WISTERIA ST
INGRAM ST
LAUREL AVE
HEATHER CT
JASMINE ST
CLAIRMARE PL
RIVERA ST
PORTSMOUTH DR
CONCORD WAY
BRANDYWINE AVE
FEE DR
MARKET PL
NITRO AVE
OLYMPIC PKWY
DEHANEY DR
RACE PL
POINT DR
POINT ARENA CT
POINT BARROW DR
POINT LOBOS AVE
MORRO POINT DR
POINT SAN JOSE CT
POINT SAN MATEO CT
POINT LONGPOINT CT
ARROW POINT CT
MESA POINT DR
SEQUOIA ST
POINT LOMA CT
POINT MUGU CT
POINT MONTARA CT
POINT PRESIDIO CT
POINT ARGUELLO DR
POINT LOMA DR
POINT ESTERO DR
POINT BUCHON CT
ABALONE POINT CT
ROCKAWAY POINT CT
JEREMY POINT CT
CHERRY POINT DR
N ENCINO DR
SHINGHARA LN
AUTO PARK WAY
AUTO PARK AVE
RESEARCH CT
DESIGN CT
MAXWELL RD
ENERGY WAY
NIRVANA AVE
SANTA OLIVIA
SANTA GLORIA
SANTA MARTA
MISTY CREEK ST
MOONSTONE PL
EAGLE RIDGE PL
BLUE TOPAZ PL
BELLFLOWER CT
BARN OWL CT
STRAWBERRY CREEK ST
MCCAIN VALLEY CT
MOUNT DANA DR
ZACH CANYON PL
WHITNEY RD
MOUNT GRANITE CT
MOUNT WHITNEY CT
RED GRANITE RD
FOXTAIL CANYON DR
MERCED RIVER RD
COUNTRYSIDE PL
WHEATMILL CANYON DR
STONECREST CT
SANTA SIERRA PKWY
SIERRA BERRY CREEK PL
LIBERTY CREEK PL
SPARROW RIDGE DR
MOUNTAIN SPRINGS DR
KLAMATH WIND DR
TENAYA LAKE RD
HAYFORK PL
PEARSON SPRINGS PL
MERIDIAN RIDGE RD
MONTEBELLO RIDGE ST
MONTEBELLO HILLS ST
MONTEBELLO HEIGHTS ST
MONTEBELLO CREST ST
MONTEBELLO VALLEY ST
MONTEBELLO GLEN ST

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) Zone 11. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242** or visit its website at http://www.ngs.noaa.gov/.

Base map information shown on this FIRM was provided in digital format by the USDA National Agriculture Imagery Program (NAIP). this information was photogrammetrically compiled at a scale of 1:24,000 from aerial photography dated 2009.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables *in the Flood Insurance Study report (which contains authoritative hydraulic data)* may reflect stream channel distances that differ from what is shown on this map.

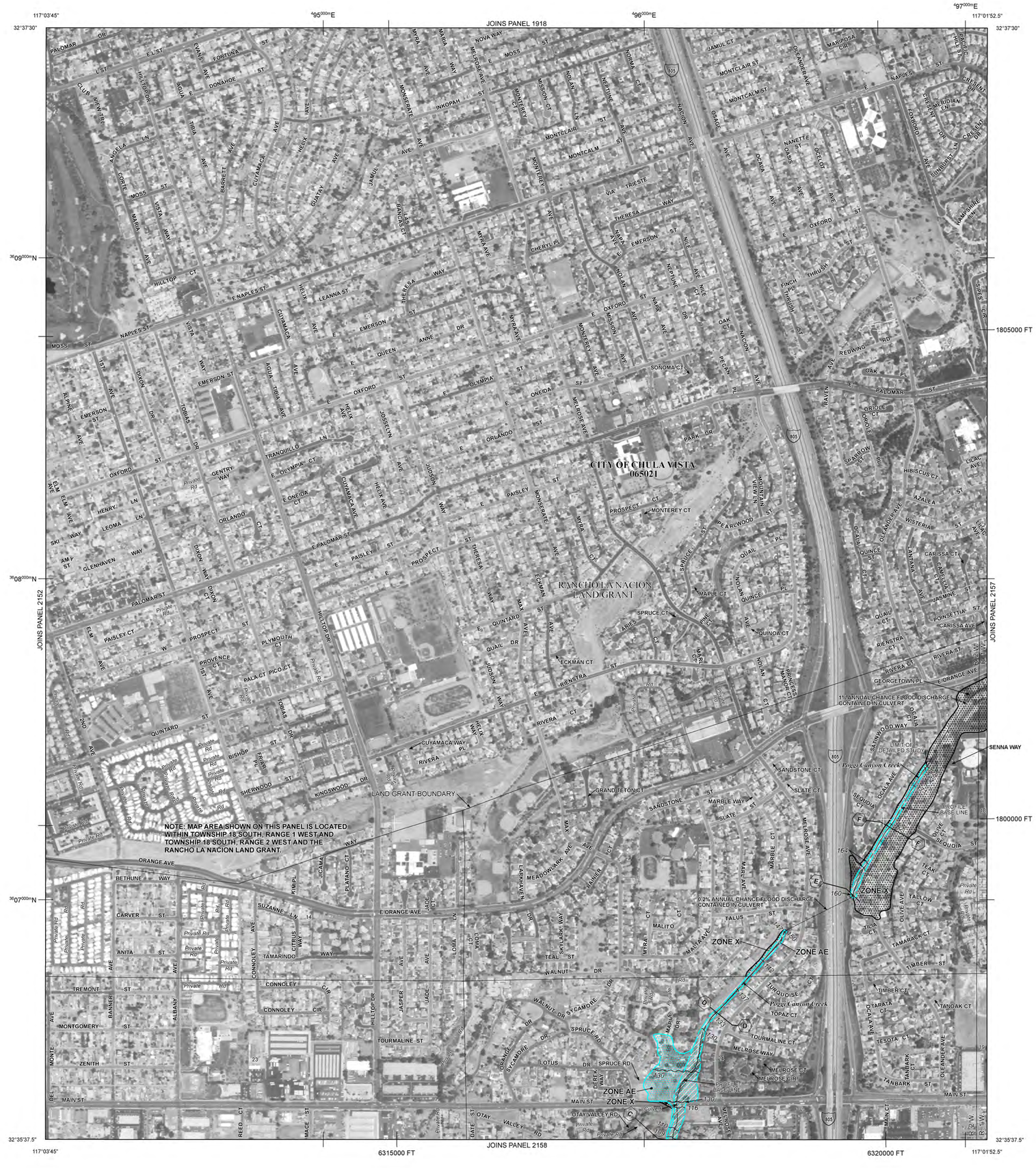
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-877-FEMA MAP (1-877-336-2627) for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip/.

The **"profile base lines"** depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the "profile base line", in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — 23 — Transect line
- 97°07'30", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 4275 000mE — 1000-meter Universal Transverse Mercator grid ticks, zone 11
- 6000000 FT — 5000-foot grid values: California State Plane coordinate system, Zone VI (FIPSZONE = 406), Lambert projection
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
June 19, 1997

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
May 16, 2012 – to update corporate limits, to add roads and road names, to incorporate previously issued Letters of Map Revision, and to update map elevations to North American Vertical Datum of 1988.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 250 500 750 1,000 FEET
150 0 150 300 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2156G

FIRM

FLOOD INSURANCE RATE MAP

SAN DIEGO COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 2156 OF 2375

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CHULA VISTA, CITY OF	065021	2156	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06073C2156G

MAP REVISED
MAY 16, 2012

Federal Emergency Management Agency



FEMA Digital Flood Map Products

- **FIRM Panel Image:** Flood Insurance Rate Maps (FIRM) are digital images of flood hazard maps. The images are digital pictures of entire flood map panels that can be viewed and printed from a computer. Most communities and counties have many map panels to cover the entire jurisdiction and an index map that shows the location of each map panel.

- **FIRM Worldfile:** A TFW or PGW file may accompany your flood hazard map. They are used to help view the flood maps in GIS applications.

FIRM Panel Images are TIF or PNG image files and have file names with a Community or County ID followed by a 4-digital panel number and letter suffix representing a version (e.g. 12345C0123F.tif). The FIRM worldfiles will have the same filenames but with a .tfw or .pgw extension.

FIRM Panel Images can be viewed using most freely available image viewer applications. You can also use the FIRMette-Desktop software available from the FEMA Flood Map Service Center (MSC) website at msc.fema.gov/portal/resources/firmettes. FIRM images can also be viewed in specialized GIS software where the worldfiles are used to make the images compatiable with other GIS data. See the MSC Products and Tools Overview page for more information on avialable data and tools for using FEMA's flood risk data.

For more information on available digital products, visit FEMA's Map Service Center website at https://msc.fema.gov or call the FEMA Map Information eXchange (FMIX) at 877-336-2627.

RiskMAP
Increasing Resilience Together

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

Industrial Land
517 Shinohara Lane
Chula Vista, CA 91911

Inquiry Number: 5146125.2s
December 27, 2017

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	8
Orphan Summary	167
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-13
Physical Setting Source Map Findings	A-15
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 2017 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

517 SHINOHARA LANE
CHULA VISTA, CA 91911

COORDINATES

Latitude (North):	32.5973850 - 32° 35' 50.58''
Longitude (West):	117.0315190 - 117° 1' 53.46''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	497042.2
UTM Y (Meters):	3606465.2
Elevation:	204 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5622818 IMPERIAL BEACH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140805
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
517 SHINOHARA LANE
CHULA VISTA, CA 91911

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BRANDYWINE DISTRIBUT	1670 & 1690 BRANDYWI	CA WMUDS/SWAT	Lower	92, 0.017, ESE
A2	BRANDYWINE DISTRIBUT	1670 & 1690 BRANDYWI	CA SLIC	Lower	261, 0.049, ESE
B3	HYSPAN PRECISION PRO	1685 BRANDYWINE AVE	CA SWEEPS UST	Lower	573, 0.109, SE
B4	HYSPAN PRECISION PRO	1685 BRANDYWINE AVE	CA HIST UST	Lower	573, 0.109, SE
5	JO-BIE PRODUCTS COMP	516 TALLOW CT	RCRA-SQG, FINDS, ECHO	Higher	697, 0.132, NNW
C6	DRESSER-RAND REAPIR	1675 BRANDYWINE AVEN	RCRA-LQG	Lower	706, 0.134, ESE
C7	CODE A PHONE CORP	1675 BRANDYWINE AVE	RCRA-SQG, FINDS, ECHO, CA HAZNET	Lower	706, 0.134, ESE
C8	ANTEON CORPORATION	1675 BRANDYWINE STE	RCRA-CESQG, FINDS, ECHO	Lower	706, 0.134, ESE
D9	FULLER FORD/HONDA	540/560 AUTO PARK DR	CA AST	Lower	727, 0.138, South
D10	FULLER FORD/KIA	540 AUTO PARK DR	CA AST, CA San Diego Co. HMMD	Lower	727, 0.138, South
D11	FULLER FORD HONDA	560 AUTO PARK DR	RCRA-SQG, FINDS, ECHO, CA EMI, CA HAZNET	Lower	736, 0.139, SSE
12	RAYCHEM CORP	1669 BRANDYWINE AVE	RCRA NonGen / NLR, FINDS, ECHO, CA HAZNET	Higher	751, 0.142, East
E13	PACIFIC BELL	490 OTAY VALLEY RD	CA LUST, CA SAN DIEGO CO. SAM, CA SWEEPS UST, CA...	Lower	763, 0.145, SW
E14	S & L SHELL MART	4555 MAIN ST	CA UST	Lower	936, 0.177, SW
F15	SHELL OIL INC	4555 OTAY VALLEYRD	CA SWEEPS UST	Lower	965, 0.183, SW
E16	SHELL	4555 AUTO PARK DR	CA LUST, CA SAN DIEGO CO. SAM	Lower	982, 0.186, SW
F17	OTAY VALLEY SHELL SV	455 OTAY VALLEY RD	CA HIST UST	Lower	1071, 0.203, SW
G18	FORMER DARLING INTL	4826 AUTO PARK DR	RCRA-SQG, CA HAZNET	Lower	1077, 0.204, SE
F19	KIDDIE KANDIDS #0060	4501 MAIN STREET	RCRA-SQG	Lower	1122, 0.213, SW
G20	PEOPLES CHEVROLET	580 AUTO PARK DR	RCRA-SQG, CA AST, CA San Diego Co. HMMD, FINDS,...	Lower	1125, 0.213, SE
21	FORMER OMAR RENDERIN	1886 AUTO PARK PLACE	CA DEED, CA LDS, CA BOND EXP. PLAN, CA Cortese, CA...	Lower	1325, 0.251, East
22	SHINOHARA II PROPERT	S OF 4700 BLK. MAIN	CA SWF/LF	Lower	1735, 0.329, South
23	ARCO	4430 OTAY VALLEY RD	CA LUST	Lower	1914, 0.363, WSW
H24	VINCENT DAVIES PROPE	4501 OTAY VALLEY ROA	CA ENVIROSTOR, CA SLIC, CA San Diego Co. HMMD, CA...	Lower	2016, 0.382, ESE
H25	VINCENT DAVIES PROPE	4501 OTAY VALLEY ROA	SEMS-ARCHIVE	Lower	2016, 0.382, ESE
26	DAVIES PROPERTY	NO ADDRESS	US BROWNFIELDS	Lower	2112, 0.400, SSW
27	APACHE SERVICES	4551 OTAY VALLEY ROA	CA ENVIROSTOR, CA BOND EXP. PLAN	Lower	4038, 0.765, WSW
I28	OTAY SANITARY LANDFI	OTAY VALLEY ROAD	CA ENVIROSTOR	Higher	4773, 0.904, ENE
I29	ALLIED WASTE - OTAY	1700 MAXWELL ROAD	CA SWF/LF, CA San Diego Co. HMMD, CA HIST UST, CA...	Higher	4792, 0.908, ENE
I30	APPROPRIATE TECHNOLO	1700 MAXWELL RD	CA ENVIROSTOR, CA SWF/LF, CA LDS, CA ENF, CA...	Higher	4792, 0.908, ENE
I31	APPROPRIATE TECHNOLO	1700 MAXWELL RD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG, 2020	Higher	4792, 0.908, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

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

Federal CERCLIS list

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

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

CA RESPONSE ---------- State Response Sites

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

CA VCP ---- Voluntary Cleanup Program Properties
INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CA BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA SWRCY ---- Recycler Database
CA 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
CA HIST Cal-Sites ---- Historical Calsites Database
CA SCH ---- School Property Evaluation Program
CA CDL ---- Clandestine Drug Labs
CA Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ---- Facility Inventory Database

Local Land Records

CA LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CA CHMIRS ---- California Hazardous Material Incident Report System
CA MCS ---- Military Cleanup Sites Listing
CA SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
TSCA ---- Toxic Substances Control Act

TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA CUPA Listings	CUPA Resources List
CA DRYCLEANERS	Cleaner Facilities
CA ICE	ICE
CA HWT	Registered Hazardous Waste Transporter Database
CA MINES	Mines Site Location Listing
CA MWMP	Medical Waste Management Program Listing
CA PEST LIC	Pesticide Regulation Licenses Listing
CA PROC	Certified Processors Database
CA Notify 65	Proposition 65 Records
CA UIC	UIC Listing
CA WASTEWATER PITS	Oil Wastewater Pits Listing
CA WDS	Waste Discharge System
CA WIP	Well Investigation Program Case List

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

CA RGA LF	Recovered Government Archive Solid Waste Facilities List

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

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

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/11/2017 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VINCENT DAVIES PROPE	4501 OTAY VALLEY ROA	ESE 1/4 - 1/2 (0.382 mi.)	H25	95

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 09/13/2017 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
APPROPRIATE TECHNOLO	***1700 MAXWELL RD***	***ENE 1/2 - 1 (0.908 mi.)***	***I31***	***141***

EXECUTIVE SUMMARY

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DRESSER-RAND REAPIR	1675 BRANDYWINE AVEN	ESE 1/8 - 1/4 (0.134 mi.)	C6	12

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 09/13/2017 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JO-BIE PRODUCTS COMP	***516 TALLOW CT***	***NNW 1/8 - 1/4 (0.132 mi.)***	***5***	***10***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CODE A PHONE CORP	***1675 BRANDYWINE AVE***	***ESE 1/8 - 1/4 (0.134 mi.)***	***C7***	***17***
FULLER FORD HONDA	***560 AUTO PARK DR***	***SSE 1/8 - 1/4 (0.139 mi.)***	***D11***	***38***
FORMER DARLING INTL	***4826 AUTO PARK DR***	***SE 1/8 - 1/4 (0.204 mi.)***	***G18***	***57***
KIDDIE KANDIDS #0060	4501 MAIN STREET	SW 1/8 - 1/4 (0.213 mi.)	F19	60
PEOPLES CHEVROLET	***580 AUTO PARK DR***	***SE 1/8 - 1/4 (0.213 mi.)***	***G20***	***62***

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANTEON CORPORATION	***1675 BRANDYWINE STE***	***ESE 1/8 - 1/4 (0.134 mi.)***	***C8***	***18***

State- and tribal - equivalent CERCLIS

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 10/30/2017 has revealed that there are 4 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OTAY SANITARY LANDFI Facility Id: 37490031 Status: Refer: RWQCB	OTAY VALLEY ROAD	ENE 1/2 - 1 (0.904 mi.)	I28	100
APPROPRIATE TECHNOLO Facility Id: 80001820 Facility Id: 37730291 Status: * Inactive Status: Refer: RCRA	***1700 MAXWELL RD***	***ENE 1/2 - 1 (0.908 mi.)***	***I30***	***114***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VINCENT DAVIES PROPE Facility Id: 37730292 Status: Refer: Other Agency	***4501 OTAY VALLEY ROA***	***ESE 1/4 - 1/2 (0.382 mi.)***	***H24***	***92***
APACHE SERVICES Facility Id: 37500032 Status: Refer: RWQCB	***4551 OTAY VALLEY ROA***	***WSW 1/2 - 1 (0.765 mi.)***	***27***	***99***

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

CA 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 CA SWF/LF list, as provided by EDR, has revealed that there is 1 CA SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHINOHARA II PROPERT Database: SWF/LF (SWIS), Date of Government Version: 11/13/2017 Facility ID: 37-CR-0075 Operational Status: Closed Regulation Status: Pre-regulations	S OF 4700 BLK. MAIN	S 1/4 - 1/2 (0.329 mi.)	22	90

State and tribal leaking storage tank lists

CA SAN DIEGO CO. SAM: 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.

A review of the CA SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 2 CA SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC BELL	***490 OTAY VALLEY RD***	***SW 1/8 - 1/4 (0.145 mi.)***	***E13***	***48***
Case Number: H14060-001 Facility Status: Closed Case				
SHELL	***4555 AUTO PARK DR***	***SW 1/8 - 1/4 (0.186 mi.)***	***E16***	***52***
Case Number: H02893-001 Facility Status: Remedial Investigation				

CA 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 CA LUST list, as provided by EDR, has revealed that there are 3 CA LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC BELL	***490 OTAY VALLEY RD***	***SW 1/8 - 1/4 (0.145 mi.)***	***E13***	***48***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Closed Date: 2/14/91 Status: Case Closed Global Id: T0607300404 Case Number: 9UT1584				
SHELL	***4555 AUTO PARK DR***	***SW 1/8 - 1/4 (0.186 mi.)***	***E16***	***52***
Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0607367594				
ARCO	4430 OTAY VALLEY RD	WSW 1/4 - 1/2 (0.363 mi.)	23	91
Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0607313861				

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRANDYWINE DISTRIBUT	1670 & 1690 BRANDYWI	ESE 0 - 1/8 (0.049 mi.)	A2	9
Database: SLIC, Date of Government Version: 09/11/2017 Facility Status: Completed - Case Closed Global Id: L10003764847				
VINCENT DAVIES PROPE	***4501 OTAY VALLEY ROA***	***ESE 1/4 - 1/2 (0.382 mi.)***	***H24***	***92***
Database: SLIC, Date of Government Version: 09/11/2017 Facility Status: Completed - Case Closed Global Id: T0608113999				

State and tribal registered storage tank lists

CA 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 CA UST list, as provided by EDR, has revealed that there is 1 CA UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
S & L SHELL MART	4555 MAIN ST	SW 1/8 - 1/4 (0.177 mi.)	E14	51
Database: UST, Date of Government Version: 09/11/2017 Facility Id: H02893				

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

A review of the CA AST list, as provided by EDR, and dated 07/06/2016 has revealed that there are 3 CA AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FULLER FORD/HONDA	540/560 AUTO PARK DR	S 1/8 - 1/4 (0.138 mi.)	D9	20
FULLER FORD/KIA	***540 AUTO PARK DR***	***S 1/8 - 1/4 (0.138 mi.)***	***D10***	***21***
PEOPLES CHEVROLET	***580 AUTO PARK DR***	***SE 1/8 - 1/4 (0.213 mi.)***	***G20***	***62***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

A review of the US BROWNFIELDS list, as provided by EDR, and dated 08/21/2017 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAVIES PROPERTY	NO ADDRESS	SSW 1/4 - 1/2 (0.400 mi.)	26	96

Local Lists of Landfill / Solid Waste Disposal Sites

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRANDYWINE DISTRIBUT	1670 & 1690 BRANDYWI	ESE 0 - 1/8 (0.017 mi.)	A1	8

Local Lists of Registered Storage Tanks

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

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HYSPAN PRECISION PRO Status: A Tank Status: A Comp Number: 19570	1685 BRANDYWINE AVE	SE 0 - 1/8 (0.109 mi.)	B3	9
PACIFIC BELL Status: A Comp Number: 14060	***490 OTAY VALLEY RD***	***SW 1/8 - 1/4 (0.145 mi.)***	***E13***	***48***
SHELL OIL INC Status: A Tank Status: A Comp Number: 2893	4555 OTAY VALLEYRD	SW 1/8 - 1/4 (0.183 mi.)	F15	51

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 CA HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HYSPAN PRECISION PRO Facility Id: 00000002098	1685 BRANDYWINE AVE	SE 0 - 1/8 (0.109 mi.)	B4	10
OTAY VALLEY SHELL SV Facility Id: 00000044031	455 OTAY VALLEY RD	SW 1/8 - 1/4 (0.203 mi.)	F17	56

EXECUTIVE SUMMARY

Local Land Records

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

A review of the CA DEED list, as provided by EDR, and dated 09/05/2017 has revealed that there is 1 CA DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER OMAR RENDERIN	***1886 AUTO PARK PLACE***	***E 1/4 - 1/2 (0.251 mi.)***	***21***	***76***
Envirostor ID: L10003156547				

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 09/13/2017 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RAYCHEM CORP	***1669 BRANDYWINE AVE***	***E 1/8 - 1/4 (0.142 mi.)***	***12***	***45***

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER OMAR RENDERIN	***1886 AUTO PARK PLACE***	***E 1/4 - 1/2 (0.251 mi.)***	***21***	***76***
APACHE SERVICES	***4551 OTAY VALLEY ROA***	***WSW 1/2 - 1 (0.765 mi.)***	***27***	***99***

CA 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 CA Cortese list, as provided by EDR, and dated 09/21/2017 has revealed that there is 1 CA Cortese site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER OMAR RENDERIN	***1886 AUTO PARK PLACE***	***E 1/4 - 1/2 (0.251 mi.)***	***21***	***76***

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

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 CA HIST CORTESE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC BELL	***490 OTAY VALLEY RD***	***SW 1/8 - 1/4 (0.145 mi.)***	***E13***	***48***
Reg Id: 9UT1584				

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 08/21/2017 has revealed that there is 1 CA HWP site within approximately 1 mile of the target property.

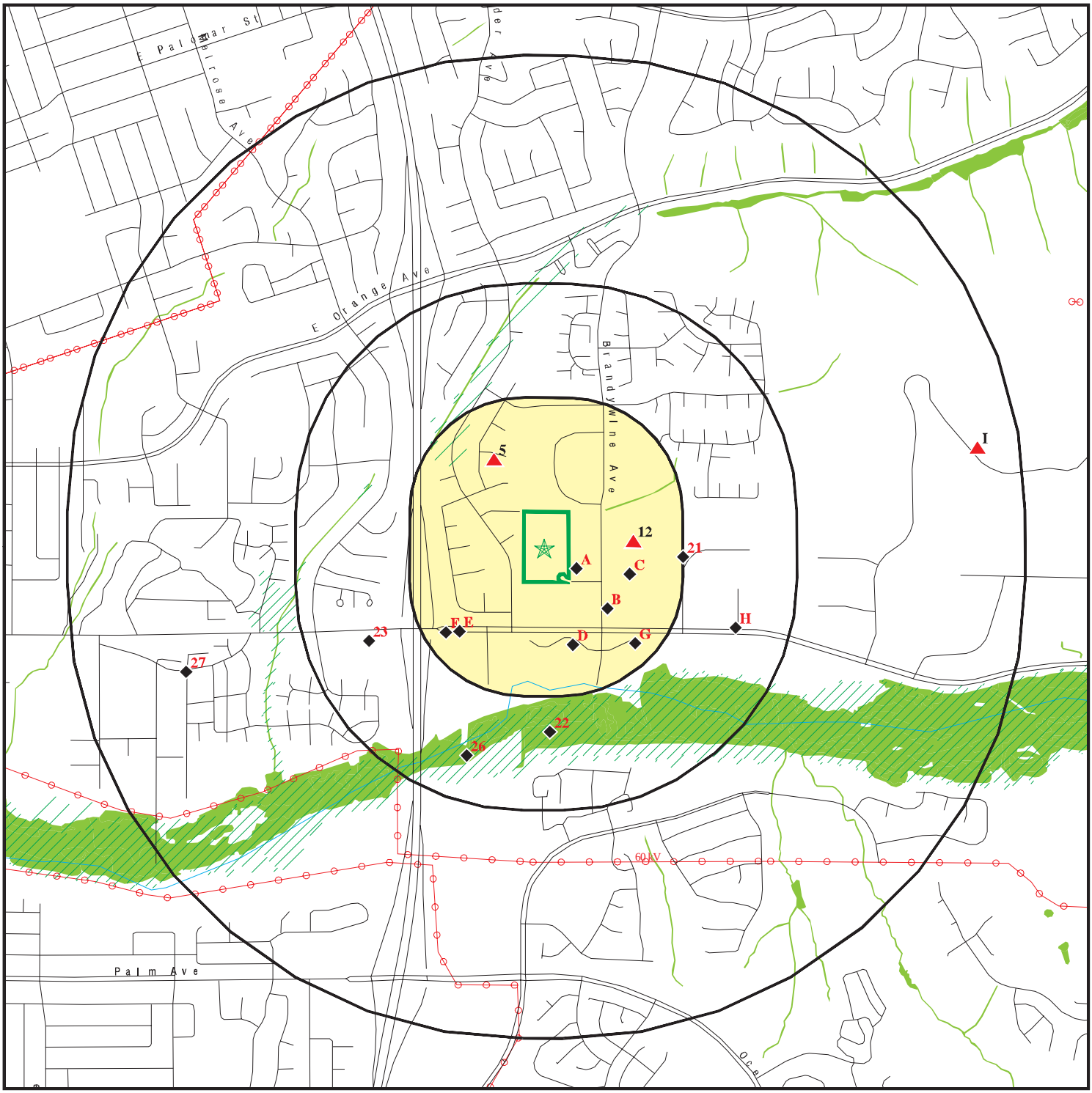
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALLIED WASTE - OTAY	***1700 MAXWELL ROAD***	***ENE 1/2 - 1 (0.908 mi.)***	***I29***	***101***
EPA Id: CAT080010101				
Cleanup Status: CLOSED				

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
OTAY MESA CID DRUMS	SEMS
SHINOHARA II	CA SWF/LF
WALKER SCOTT PROPERTY	CA WMUDS/SWAT, CA San Diego Co. HMMD
PUBLIC STORAGE FACILITY	CA SAN DIEGO CO. SAM
ARCO	CA SAN DIEGO CO. SAM

OVERVIEW MAP - 5146125.2S



0 1/4 1/2 1 Miles

- 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
- 100-year flood zone
- 500-year flood zone
- 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:	Industrial Land	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	517 Shinohara Lane Chula Vista CA 91911	CONTACT:	Adrian Rivas
LAT/LONG:	32.597385 / 117.031519	INQUIRY #:	5146125.2s
		DATE:	December 27, 2017 4:47 pm

Copyright © 2017 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 5146125.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

N

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

SITE NAME:	Industrial Land	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	517 Shinohara Lane Chula Vista CA 91911	CONTACT:	Adrian Rivas
LAT/LONG:	32.597385 / 117.031519	INQUIRY #:	5146125.2s
		DATE:	December 27, 2017 4:50 pm

Copyright © 2017 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

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

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
CA LUST	0.500		0	2	1	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA SLIC	0.500		1	0	1	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		0	1	NR	NR	NR	1
CA AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		1	0	0	NR	NR	1
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	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
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA San Diego Co. HMMD	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		1	2	NR	NR	NR	3
CA HIST UST	0.250		1	1	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	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
CA DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	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	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	1	NR	2
CA Cortese	0.500		0	0	1	NR	NR	1
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	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
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		0	1	0	NR	NR	1
CA HWP	1.000		0	0	0	1	NR	1
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	4	21	9	6	0	40

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
ESE
< 1/8
0.017 mi.
92 ft.

BRANDYWINE DISTRIBUTION CENTER
1670 & 1690 BRANDYWINE AVE
CHULA VISTA CA, CA 91911

Site 1 of 2 in cluster A

CA WMUDS/SWAT **S103443331**
N/A

Relative:
Lower

Actual:
165 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	PROCES
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	State
Agency Name:	CHULA VISTA INDUSTRIAL REALTY
Agency Department:	Not reported
Agency Address:	725 S FIGUEROA
Agency City,St,Zip:	LOS ANGELES CA 90017
Agency Contact:	DON BARRIG
Agency Telephone:	6194580943
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	9
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	2869
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	True
Regional Board Project Officer:	BKM
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	Not reported

BRANDYWINE DISTRIBUTION CENTER (Continued) **S103443331**

Waste Discharge System ID: 9 000247N96
Solid Waste Information ID: Not reported

A2 **BRANDYWINE DISTRIBUTION CENTER** **CA SLIC** **S120762563**
ESE **1670 & 1690 BRANDYWINE AVE** **N/A**
< 1/8 **CHULA VISTA, CA 91911**
0.049 mi.
261 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
156 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/03/2017
Global Id:	L10003764847
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Lead Agency Case Number:	Not reported
Latitude:	32.5964775432941
Longitude:	-117.029746770859
Case Type:	Cleanup Program Site
Case Worker:	UNA
Local Agency:	Not reported
RB Case Number:	9 000247N96
File Location:	Regional Board
Potential Media Affected:	Indoor Air, Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Arsenic, Chromium, Copper, Lead, Mercury (elemental), Nickel, Other Metal, Zinc, Benzene, Xylene
Site History:	Recent review of the Soil & Ground- water Investigation Report dated May 1996 concluded that the soil beneath this location has not been impacted by pollutants originating from the property and that ground water has been impacted by pollutants, primarily volatile organic compounds (e.g. trichloroethylene). Based on the information provided, historical operations/activities conducted at this location were not the source of these pollutants and that the likely source is the Former Omar Rendering site immediately to the east and up gradient of this location. Using today's standards, ground-water samples collected in 1996, suggests a potential threat to indoor air. Collection of more recent ground-water data would help to verify if that potential threat exists twenty years later. Since this property appears to not be a source of pollution this case is administratively closed.

Click here to access the California GeoTracker records for this facility:

B3 **HYSPAN PRECISION PRODUCTS INC** **CA SWEEPS UST** **S102862245**
SE **1685 BRANDYWINE AVE** **N/A**
< 1/8 **CHULA VISTA, CA 91911**
0.109 mi.
573 ft. **Site 1 of 2 in cluster B**

Relative:
Lower

Actual:
146 ft.

SWEEPS UST:

Status:	Active
Comp Number:	19570
Number:	9
Board Of Equalization:	44-023037

HYSPAN PRECISION PRODUCTS INC (Continued) **S102862245**

Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-019570-000001
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	1

B4 **HYSPAN PRECISION PRODUCTS INC** **CA HIST UST** **1000345124**
SE **1685 BRANDYWINE AVE** **N/A**
< 1/8 **CHULA VISTA, CA 92011**
0.109 mi.
573 ft. **Site 2 of 2 in cluster B**

Relative:
Lower

Actual:
146 ft.

HIST UST:

File Number:	0002B114
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002B114.pdf
Region:	STATE
Facility ID:	00000002098
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	WILLIAM T. AUSTIN, FACILITIES
Telephone:	6194211355
Owner Name:	DONALD R. HEYE
Owner Address:	3028 MCCALL
Owner City,St,Zip:	SAN DIEGO, CA 92106
Total Tanks:	0001
Tank Num:	001
Container Num:	001
Year Installed:	1983
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

---

5 **JO-BIE PRODUCTS COMPANY** **RCRA-SQG** **1000163373**
NNW **516 TALLOW CT** **FINDS** **CAD080922529**
1/8-1/4 **CHULA VISTA, CA 91911** **ECHO**
0.132 mi.
697 ft.

Relative:
Higher

Actual:
226 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	JO-BIE PRODUCTS COMPANY
Facility address:	516 TALLOW CT CHULA VISTA, CA 91911
EPA ID:	CAD080922529

JO-BIE PRODUCTS COMPANY (Continued) **1000163373**

Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	JOSEPH&EDUVIJES HAVERLAND
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

JO-BIE PRODUCTS COMPANY (Continued) **1000163373**

Used oil transporter: No

Historical Generators:
Date form received by agency: 08/05/1980
Site name: JO-BIE PRODUCTS COMPANY
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110006467867

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000163373
Registry ID: 110006467867
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006467867

C6 **DRESSER-RAND REAPIR CENTER** **RCRA-LQG** **1007200720**
ESE **1675 BRANDYWINE AVENUE** **CAR000150854**
1/8-1/4 **CHULA VISTA, CA 91911**
0.134 mi.
706 ft. **Site 1 of 3 in cluster C**

Relative:
Lower

Actual:
154 ft.

RCRA-LQG:
Date form received by agency: 01/25/2006
Facility name: DRESSER-RAND REAPIR CENTER
Facility address: 1675 BRANDYWINE AVENUE
SUITE F
CHULA VISTA, CA 91911
EPA ID: CAR000150854
Contact: TIMOTHY J HILL
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 619-656-4740
Contact email: TIMOTHY_J_HILL@DRESSER-RAND
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous

DRESSER-RAND REAPIR CENTER (Continued) **1007200720**

waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	DRESSER RAND CO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2004
Owner/Op end date:	Not reported
Owner/operator name:	YALE CO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2004
Owner/Op end date:	Not reported
Owner/operator name:	DRESSER-RAND
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2003
Owner/Op end date:	Not reported
Owner/operator name:	DRESSER-RAND
Owner/operator address:	PAUL CLARK DRIVE
	OLEAN, NY 14760
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

DRESSER-RAND REAPIR CENTER (Continued) **1007200720**

Owner/Operator Type: Owner
Owner/Op start date: 01/01/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 342
. Waste name: Organic liquids with metals (see 121)

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 741
. Waste name: Liquids with halogenated organic compounds > 1000 mg/l

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018

DRESSER-RAND REAPIR CENTER (Continued) **1007200720**

. Waste name: BENZENE

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

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

Historical Generators:
Date form received by agency: 02/09/2004
Site name: DRESSER RAND COMPANY
Classification: Small Quantity Generator

DRESSER-RAND REAPIR CENTER (Continued) **1007200720**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/11/2006
Date achieved compliance: 02/01/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/11/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/11/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/01/2006

DRESSER-RAND REAPIR CENTER (Continued) **1007200720**

Evaluation lead agency: Local

C7
ESE
1/8-1/4
0.134 mi.
706 ft.

Relative:
Lower

Actual:
154 ft.

CODE A PHONE CORP **RCRA-SQG** **1000978278**
1675 BRANDYWINE AVE STE B **FINDS** **CA0001000991**
CHULA VISTA, CA 91911 **ECHO**
CA HAZNET

Site 2 of 3 in cluster C

RCRA-SQG:

Date form received by agency:	01/06/1995
Facility name:	CODE A PHONE CORP
Facility address:	1675 BRANDYWINE AVE STE B CHULA VISTA, CA 91911-8944
EPA ID:	CA0001000991
Mailing address:	BRANDYWINE AVE STE B CHULA VISTA, CA 91911-8944
Contact:	BASIL DIXON
Contact address:	1675 BRANDYWINE AVE STE B CHULA VISTA, CA 91911-8944
Contact country:	US
Contact telephone:	619-421-7937
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CODE A PHONE CORP
Owner/operator address:	16277 SE 130TH AVE CLACKAMAS, OR 97015
Owner/operator country:	Not reported
Owner/operator telephone:	503-655-8940
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

CODE A PHONE CORP (Continued) **1000978278**

Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002622350

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000978278
Registry ID: 110002622350
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002622350

HAZNET:
envid: 1000978278
Year: 1995
GEPAID: CA0001000991
Contact: CODE A PHONE CORP
Telephone: 6194217937
Mailing Name: Not reported
Mailing Address: 1675 BRANDYWINE AVE STE B
Mailing City,St,Zip: CHULA VISTA, CA 919110000
Gen County: Not reported
TSD EPA ID: CAD088504881
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 1.5428
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Diego

C8 **ANTEON CORPORATION** **RCRA-CESQG** **1004677590**
ESE **1675 BRANDYWINE STE A** **FINDS** **CAR000099267**
1/8-1/4 **CHULA VISTA, CA 91911** **ECHO**
0.134 mi.
706 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
154 ft.

RCRA-CESQG:
Date form received by agency: 07/02/2001
Facility name: ANTEON CORPORATION
Facility address: 1675 BRANDYWINE STE A
CHULA VISTA, CA 91911
EPA ID: CAR000099267

ANTEON CORPORATION (Continued) **1004677590**

Contact: VELDA SMITH
Contact address: 1675 BRANDYWINE STE A
CHULA VISTA, CA 91911
Contact country: US
Contact telephone: 619-881-8918
Contact email: Not reported
EPA Region: 09
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: ANTEON CORP
Owner/operator address: 3211 JERMANTOWN RD STE 200
FAIRFAX, VA 22030
Owner/operator country: Not reported
Owner/operator telephone: 703-246-0200
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

ANTEON CORPORATION (Continued) **1004677590**

Violation Status: No violations found

FINDS:

Registry ID: 110012202892

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1004677590
Registry ID:	110012202892
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012202892

D9
South
1/8-1/4
0.138 mi.
727 ft.

FULLER FORD/HONDA **CA AST** **A100345769**
540/560 AUTO PARK DR **N/A**
CHULA VISTA, CA

Site 1 of 3 in cluster D

Relative:
Lower

Actual:
130 ft.

AST:

Certified Unified Program Agencies:	San Diego
Owner:	DOUGLAS FULLER
Total Gallons:	2975
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported

FULLER FORD/HONDA (Continued) **A100345769**

Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

D10 **FULLER FORD/KIA** **CA AST** **S106064374**
South **540 AUTO PARK DR** **CA San Diego Co. HMMD** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911**
0.138 mi.
727 ft. **Site 2 of 3 in cluster D**

Relative:
Lower

Actual:
130 ft.

AST:

Certified Unified Program Agencies:	Not reported
Owner:	Douglas Fuller
Total Gallons:	Not reported
CERSID:	10358875
Facility ID:	37-000-134845
Business Name:	FULLER FORD/KIA
Phone:	619-656-2500
Fax:	Not reported
Mailing Address:	560 AUTO PARK DR
Mailing Address City:	CHULA VISTA
Mailing Address State:	CA
Mailing Address Zip Code:	91911
Operator Name:	Marty Meador
Operator Phone:	619-656-2500
Owner Phone:	619-656-2500
Owner Mail Address:	560 AUTO PARK DR
Owner State:	CA
Owner Zip Code:	91911
Owner Country:	United States
Property Owner Name:	D G F FAMILY LTD PARTNERSHIP
Property Owner Phone:	Not reported
Property Owner Mailing Address:	560 AUTO PARK DR
Property Owner City:	CHULA VISTA
Property Owner Stat :	CA
Property Owner Zip Code:	91911
Property Owner Country:	United States
EPAID:	CAR000003897

HMMD SAN DIEGO:

Permit Number:	134845
Business Type:	6HK31
EPA Id Number:	CAR000003897
APN:	644-042-04-00
Last HMMD Inspection:	07/13/2010
Facility Telephone:	619-656-2500
Permit Status:	OPEN
Permit Expiration:	06/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DOUGLAS FULLER
Facility Mailing Address:	560 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y

FULLER FORD/KIA (Continued) **S106064374**

Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 134845
Update Date: 11/02/2012
Case Number: 7740-59-7
Name: HELIUM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134845
Update Date: 11/02/2012
Case Number: MIXTURE
Name: LIQUID CAR WASH CONCENTRATE P-181F
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: 647426-65-0
Name: LUBRICATING FLUID (BASE LUBRICATING OIL)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 134845
Update Date: 11/02/2012
Case Number: MIXTURE
Name: SOAP-DETAIL CHEMICALS/CASTROL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 133 AQUEOUS SOL'N W/ 10% ORG RESID
Other Information: PARTS CLEANER CLEANING SOLUTION
Material Waste: Waste

FULLER FORD/KIA (Continued) **S106064374**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: BRAKE WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: WASTE GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information: SLUDGE (OIL&WATER)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY RAGS/SATURATED ABSORBENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: USED ETHYLENE GLYCOL/COOLANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

FULLER FORD/KIA (Continued) **S106064374**

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: CRUSHED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV1015
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Did not have adequate employee training program 2732 &/or 25504(c)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0223
Violation: MISMANAGED NON-EMPTY CONTAINER/LINER
Violation Citation: Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007

FULLER FORD/KIA (Continued) **S106064374**

Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0232
Violation: HW CONTAINER IN POOR CONDITION
Violation Citation: Waste accumulated in a container in poor condition. CFR 265.171
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0407
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV1601
Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV1605
Violation: NO DAILY TANK INSPECTION/LOG
Violation Citation: Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 01/12/2004
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 01/12/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

FULLER FORD/KIA (Continued) **S106064374**

Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0207
Violation:	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation:	Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE

FULLER FORD/KIA (Continued) **S106064374**

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE

Permit Number:	134845
Business Type:	6HK31
EPA Id Number:	CAR000003897
APN:	644-042-04-00
Last HMMD Inspection:	07/13/2010
Facility Telephone:	619-656-2500
Permit Status:	OPEN
Permit Expiration:	06/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DOUGLAS FULLER
Facility Mailing Address:	560 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	7740-59-7
Name:	HELIUM
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	LIQUID CAR WASH CONCENTRATE P-181F
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	647426-65-0
Name:	LUBRICATING FLUID (BASE LUBRICATING OIL)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE

FULLER FORD/KIA (Continued) **S106064374**

Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 134845
Update Date: 11/02/2012
Case Number: MIXTURE
Name: SOAP-DETAIL CHEMICALS/CASTROL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 133 AQUEOUS SOL'N W/ 10% ORG RESID
Other Information: PARTS CLEANER CLEANING SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: BRAKE WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: WASTE GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845

FULLER FORD/KIA (Continued) **S106064374**

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information: SLUDGE (OIL&WATER)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY RAGS/SATURATED ABSORBENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: USED ETHYLENE GLYCOL/COOLANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: CRUSHED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV1015
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Did not have adequate employee training program 2732 &/or 25504(c)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0216

FULLER FORD/KIA (Continued) **S106064374**

Violation:	HAZMATS WITHOUT PROPER LABELS
Violation Citation:	Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0223
Violation:	MISMANAGED NON-EMPTY CONTAINER/LINER
Violation Citation:	Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0232
Violation:	HW CONTAINER IN POOR CONDITION
Violation Citation:	Waste accumulated in a container in poor condition. CFR 265.171
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE

FULLER FORD/KIA (Continued) **S106064374**

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0207
Violation:	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation:	Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845

FULLER FORD/KIA (Continued) **S106064374**

Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE

Permit Number:	134845
Business Type:	6HK31
EPA Id Number:	CAR000003897
APN:	644-042-04-00
Last HMMD Inspection:	07/13/2010
Facility Telephone:	619-656-2500
Permit Status:	OPEN
Permit Expiration:	06/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DOUGLAS FULLER
Facility Mailing Address:	560 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported

FULLER FORD/KIA (Continued) **S106064374**

Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 134845
Update Date: 11/02/2012
Case Number: 7740-59-7
Name: HELIUM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 134845
Update Date: 11/02/2012
Case Number: MIXTURE
Name: LIQUID CAR WASH CONCENTRATE P-181F
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: 647426-65-0
Name: LUBRICATING FLUID (BASE LUBRICATING OIL)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 134845
Update Date: 11/02/2012
Case Number: MIXTURE
Name: SOAP-DETAIL CHEMICALS/CASTROL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 133 AQUEOUS SOL'N W/ 10% ORG RESID
Other Information: PARTS CLEANER CLEANING SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845

FULLER FORD/KIA (Continued) **S106064374**

Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	BRAKE WASHER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	WASTE GASOLINE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information:	SLUDGE (OIL&WATER)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY RAGS/SATURATED ABSORBENTS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	USED ETHYLENE GLYCOL/COOLANT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES

FULLER FORD/KIA (Continued) **S106064374**

Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: CRUSHED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV1015
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Did not have adequate employee training program 2732 &/or 25504(c)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0223
Violation: MISMANAGED NON-EMPTY CONTAINER/LINER
Violation Citation: Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 134845
Update Date: 11/02/2012
Inspection Date: 04/03/2007
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

FULLER FORD/KIA (Continued) **S106064374**

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0232
Violation:	HW CONTAINER IN POOR CONDITION
Violation Citation:	Waste accumulated in a container in poor condition. CFR 265.171
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004

FULLER FORD/KIA (Continued) **S106064374**

Violation Code:	6HV0207
Violation:	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation:	Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1605

FULLER FORD/KIA (Continued) **S106064374**

Violation: NO DAILY TANK INSPECTION/LOG
Violation Citation: Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity: ACTIVE

D11 **FULLER FORD HONDA** **RCRA-SQG 1001023038**
SSE **560 AUTO PARK DR** **FINDS CAR000003897**
1/8-1/4 **CHULA VISTA, CA 91911** **ECHO**
0.139 mi. **CA EMI**
736 ft. **Site 3 of 3 in cluster D** **CA HAZNET**

Relative: Lower

Actual: 130 ft.

RCRA-SQG:
Date form received by agency: 06/27/1995
Facility name: FULLER FORD HONDA
Facility address: 560 AUTO PARK DR
CHULA VISTA, CA 91911
EPA ID: CAR000003897
Mailing address: AUTO PARK DR
CHULA VISTA, CA 91911
Contact: ANDY PAREDES
Contact address: 540 AUTO PARK DR
CHULA VISTA, CA 91911
Contact country: US
Contact telephone: 619-656-2500
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DOUGLAS FULLER
Owner/operator address: 540 AUTO PARK DR
CHULA VISTA, CA 91911
Owner/operator country: Not reported
Owner/operator telephone: 619-656-2500
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

FULLER FORD HONDA (Continued) **1001023038**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/12/2004
Date achieved compliance: 01/12/2004
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/12/2004
Date achieved compliance: 01/22/2004
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/12/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/22/2004
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/12/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/12/2004
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002906785

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)

FULLER FORD HONDA (Continued) **1001023038**

provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

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

ECHO:

Envid:	1001023038
Registry ID:	110002906785
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002906785

EMI:

Year:	1999
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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

Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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

FULLER FORD HONDA (Continued) **1001023038**

Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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

Year:	2002
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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

Year:	2003
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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

Year:	2004
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532

FULLER FORD HONDA (Continued) **1001023038**

Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.05376546
Reactive Organic Gases Tons/Yr:	0.9718977
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

Year:	2005
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.05376546
Reactive Organic Gases Tons/Yr:	.9718977
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

Year:	2006
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.69
Reactive Organic Gases Tons/Yr:	.66
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

Year:	2007
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.69
Reactive Organic Gases Tons/Yr:	.66
Carbon Monoxide Emissions Tons/Yr:	0

FULLER FORD HONDA (Continued) **1001023038**

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

Year:	2008
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.69
Reactive Organic Gases Tons/Yr:	.66
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

Year:	2009
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.68999999999999995
Reactive Organic Gases Tons/Yr:	0.66000000000000003
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

Year:	2010
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.68999999999999995
Reactive Organic Gases Tons/Yr:	0.66000000000000003
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

FULLER FORD HONDA (Continued) **1001023038**

HAZNET:

envid:	1001023038
Year:	2016
GEPAID:	CAR000003897
Contact:	DAVID WARD
Telephone:	6196563317
Mailing Name:	Not reported
Mailing Address:	560 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919116026
Gen County:	San Diego
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0415
Cat Decode:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Diego

envid:	1001023038
Year:	2016
GEPAID:	CAR000003897
Contact:	DAVID WARD
Telephone:	6196563317
Mailing Name:	Not reported
Mailing Address:	560 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919116026
Gen County:	San Diego
TSD EPA ID:	AZR000515924
TSD County:	99
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Diego

envid:	1001023038
Year:	2016
GEPAID:	CAR000003897
Contact:	DAVID WARD
Telephone:	6196563317
Mailing Name:	Not reported
Mailing Address:	560 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919116026
Gen County:	San Diego
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.374
Cat Decode:	Unspecified organic liquid mixture

FULLER FORD HONDA (Continued) **1001023038**

Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	San Diego
envid:	1001023038
Year:	2016
GEPAID:	CAR000003897
Contact:	DAVID WARD
Telephone:	6196563317
Mailing Name:	Not reported
Mailing Address:	560 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919116026
Gen County:	San Diego
TSD EPA ID:	CAT000613976
TSD County:	Orange
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.6636
Cat Decode:	Aqueous solution with total organic residues less than 10 percent
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Diego
envid:	1001023038
Year:	2015
GEPAID:	CAR000003897
Contact:	DAVID WARD
Telephone:	6196563317
Mailing Name:	Not reported
Mailing Address:	560 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919116026
Gen County:	San Diego
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.1251
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

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

12
East
1/8-1/4
0.142 mi.
751 ft.

RAYCHEM CORP
1669 BRANDYWINE AVE STE A
CHULA VISTA, CA 91911

RCRA NonGen / NLR **1000819257**
FINDS **CAD983652314**
ECHO
CA HAZNET

Relative:
Higher

Actual:
208 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/28/2001
Facility name:	RAYCHEM CORP
Facility address:	1669 BRANDYWINE AVE STE A CHULA VISTA, CA 91911
EPA ID:	CAD983652314

RAYCHEM CORP (Continued) **1000819257**

Contact: MARTIN ORIGUEL
Contact address: 1675 BRANDYWINE AVE STE C
CHULA VISTA, CA 91911
Contact country: US
Contact telephone: 619-424-4237
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: SUDBERRY PROPERTIES
Owner/operator address: 4350 LA JOLLA VILLAGE DR 210
SAN DIEGO, CA 92122
Owner/operator country: Not reported
Owner/operator telephone: 619-546-5151
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002887298

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RAYCHEM CORP (Continued) **1000819257**

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

ECHO:

Envid:	1000819257
Registry ID:	110002887298
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002887298

HAZNET:

envid:	1000819257
Year:	1999
GEPAID:	CAD983652314
Contact:	RAYCHEM CORP
Telephone:	6503613333
Mailing Name:	Not reported
Mailing Address:	300 CONSTITUTION DRIVE MS 106/2B
Mailing City,St,Zip:	MENLO PARK, CA 940251140
Gen County:	Not reported
TSD EPA ID:	CAD044429835
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Disposal, Other
Tons:	.3753
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000819257
Year:	1998
GEPAID:	CAD983652314
Contact:	RAYCHEM CORP
Telephone:	6503613333
Mailing Name:	Not reported
Mailing Address:	300 CONSTITUTION DRIVE MS 106/2B
Mailing City,St,Zip:	MENLO PARK, CA 940251140
Gen County:	Not reported
TSD EPA ID:	CAT080014079
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Transfer Station
Tons:	1.2500
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000819257
Year:	1998
GEPAID:	CAD983652314
Contact:	RAYCHEM CORP
Telephone:	6503613333
Mailing Name:	Not reported
Mailing Address:	300 CONSTITUTION DRIVE MS 106/2B
Mailing City,St,Zip:	MENLO PARK, CA 940251140
Gen County:	Not reported
TSD EPA ID:	CAT080014079

RAYCHEM CORP (Continued) **1000819257**

TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	.2000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000819257
Year:	1998
GEPAID:	CAD983652314
Contact:	RAYCHEM CORP
Telephone:	6503613333
Mailing Name:	Not reported
Mailing Address:	300 CONSTITUTION DRIVE MS 106/2B
Mailing City,St,Zip:	MENLO PARK, CA 940251140
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Recycler
Tons:	.4000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000819257
Year:	1997
GEPAID:	CAD983652314
Contact:	RAYCHEM CORP
Telephone:	6503613333
Mailing Name:	Not reported
Mailing Address:	300 CONSTITUTION DRIVE MS 106/2B
Mailing City,St,Zip:	MENLO PARK, CA 940251140
Gen County:	Not reported
TSD EPA ID:	CAD050806850
TSD County:	Not reported
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Transfer Station
Tons:	.2000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

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

E13 **PACIFIC BELL** **CA LUST** **1000250089**
SW **490 OTAY VALLEY RD** **CA SAN DIEGO CO. SAM** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA SWEEPS UST**
0.145 mi. **CA HIST CORTESE**
763 ft. **Site 1 of 3 in cluster E**

Relative:
Lower

LUST:

Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300404
Global Id:	T0607300404

Actual:
137 ft.

PACIFIC BELL (Continued) **1000250089**

Latitude: 32.5793785288964
Longitude: -117.000166717794
Status: Completed - Case Closed
Status Date: 02/22/1991
Case Worker: Not reported
RB Case Number: 9UT1584
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H14060-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0607300404
Action Type: Other
Date: 11/08/1989
Action: Leak Reported

Global Id: T0607300404
Action Type: Other
Date: 11/08/1989
Action: Leak Stopped

Global Id: T0607300404
Action Type: Other
Date: 11/08/1989
Action: Leak Began

Global Id: T0607300404
Action Type: Other
Date: 11/08/1989
Action: Leak Discovery

LUST:
Global Id: T0607300404
Status: Completed - Case Closed
Status Date: 02/22/1991

Global Id: T0607300404
Status: Open - Case Begin Date
Status Date: 11/08/1989

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT1584
Local Case: H14060-001
Substance: Waste Oil
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Tank
Cause: Unknown

PACIFIC BELL (Continued) **1000250089**

Lead Agency: Local Agency
Case Type: Soil only
Date Found: 11/28/1989
Date Stopped: 11/08/1989
Confirm Date: 11/28/1989
Submit Workplan: Not reported
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 11/21/1989
Enforce Date: Not reported
Closed Date: 2/14/91
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 910.20
GW Depth: Not reported
Beneficial Use: Not reported
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:
Case Number: H14060-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 2/22/1991
Date Began: 11/8/1989

SWEEPS UST:
Status: Not reported
Comp Number: 14060
Number: Not reported
Board Of Equalization: 44-001027
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-014060-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: 1

Status: Active
Comp Number: 14060
Number: 9

PACIFIC BELL (Continued) **1000250089**

Board Of Equalization:	44-001027
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT1584

E14 **S & L SHELL MART** **CA UST** **U003941434**
SW **4555 MAIN ST** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911**
0.177 mi.
936 ft. **Site 2 of 3 in cluster E**

Relative:
Lower

Actual:
140 ft.

UST:

Facility ID:	H02893
Permitting Agency:	SAN DIEGO COUNTY
Latitude:	32.5957496
Longitude:	-117.0334027

F15 **SHELL OIL INC** **CA SWEEPS UST** **S106932098**
SW **4555 OTAY VALLEYRD** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911**
0.183 mi.
965 ft. **Site 1 of 3 in cluster F**

Relative:
Lower

Actual:
139 ft.

SWEEPS UST:

Status:	Active
Comp Number:	2893
Number:	9
Board Of Equalization:	44-000074
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-002893-000001
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

SHELL OIL INC (Continued) **S106932098**

Status:	Active
Comp Number:	2893
Number:	9
Board Of Equalization:	44-000074
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-002893-000002
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	2893
Number:	9
Board Of Equalization:	44-000074
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-002893-000003
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

E16 **SHELL** **CA LUST** **S106874378**
SW **4555 AUTO PARK DR** **CA SAN DIEGO CO. SAM** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911**
0.186 mi.
982 ft. **Site 3 of 3 in cluster E**

Relative:
Lower

Actual:
134 ft.

LUST:

Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607367594
Global Id:	T0607367594
Latitude:	32.5945590185637
Longitude:	-117.034649848938
Status:	Completed - Case Closed
Status Date:	08/30/2012
Case Worker:	JS
RB Case Number:	Not reported
Local Agency:	SAN DIEGO COUNTY LOP
File Location:	Local Agency
Local Case Number:	H02893-001
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The Site is an active service station consisting of three fuel underground storage tanks (USTs), four fuel dispenser islands with

SHELL (Continued) **S106874378**

associated product piping, and a station building. On December 12, 2002, four 10,000-gallon USTs, five dispenser islands, and associated product piping were removed. Wayne Perry collected fourteen soil samples from beneath the dispenser islands and USTs during upgrade activities. Petroleum hydrocarbon contamination was detected in soil and unauthorized release case H02893-001 was opened by the Department of Environmental Health (DEH) in March 2003. No benzene concentrations and low concentrations of toluene, ethylbenzene and xylene were detected in soil at the Site. The main constituents of concern in soil at the Site are methyl tertiary butyl ether (MTBE) and tertiary butyl ether (TBA). Distribution of soil contamination is mostly localized around the UST cavity. There is no remaining residual total petroleum hydrocarbon-impacted soil that is above 100 mg/kg. Nine groundwater monitoring wells have been installed at the Site. Groundwater was monitored and sampled between December 2003 and January 2012. No liquid-phase hydrocarbons have been present in groundwater since sampling began in December 2003. The dissolved-phase groundwater plume is adequately assessed. Groundwater impacts include dissolved total petroleum hydrocarbons as gasoline (TPHg), MTBE and TBA. The dissolved phase groundwater plume is centered on well MW-3 and is mostly contained onsite. The dissolved plume is stable and the overall mass of impacts is decreasing. The environmental consultant analyzed the trends for MTBE and TBA. The analysis indicates that MTBE and TBA in groundwater will drop below their water quality objectives by 2049 and 2040, respectively. The DEH vapor risk model was utilized to evaluate the potential human health risk associated with soil vapor intrusion to Site building occupants and to the offsite Soup Plantation building workers (on the adjacent property to the east). Based on the model results, vapor from soil and groundwater contamination does not pose a vapor inhalation risk to the occupants of both buildings. A Corrective Action Plan (CAP) was submitted on October 21, 2011. The CAP concludes that the most appropriate remedial option is no further action with regulatory case closure. The Public Participation process for the CAP was completed. The public comment period ended on March 23, 2012. DEH received no comments. According to the environmental consultants registered professional, the Site presents no significant risk to human health and the environment. DEH concurs with this conclusion.

LUST:
Global Id: T0607367594
Contact Type: Local Agency Caseworker
Contact Name: JON SENAHA
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: jon.senaha@sdcounty.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 03/13/2003
Action: Notice of Responsibility

Global Id: T0607367594

SHELL (Continued) **S106874378**

Action Type: ENFORCEMENT
Date: 04/06/2010
Action: Notice of Responsibility

Global Id: T0607367594
Action Type: RESPONSE
Date: 04/03/2009
Action: Monitoring Report - Quarterly

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 01/24/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 01/19/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/25/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: Other
Date: 02/26/2003
Action: Leak Reported

Global Id: T0607367594
Action Type: RESPONSE
Date: 05/26/2009
Action: Monitoring Report - Quarterly

Global Id: T0607367594
Action Type: RESPONSE
Date: 03/27/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: RESPONSE
Date: 09/03/2010
Action: Site Assessment Report

Global Id: T0607367594
Action Type: RESPONSE
Date: 10/29/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: Other
Date: 12/12/2002

SHELL (Continued) **S106874378**

Action: Leak Discovery

Global Id: T0607367594
Action Type: RESPONSE
Date: 04/27/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Notice of Responsibility

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 08/30/2012
Action: Closure/No Further Action Letter

Global Id: T0607367594
Action Type: RESPONSE
Date: 09/21/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: RESPONSE
Date: 04/29/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Letter - Notice

Global Id: T0607367594
Action Type: Other
Date: 03/04/2003
Action: Leak Stopped

Global Id: T0607367594
Action Type: RESPONSE
Date: 10/09/2009
Action: Monitoring Report - Quarterly

Global Id: T0607367594
Action Type: Other
Date: 12/12/2002
Action: Leak Began

Global Id: T0607367594
Action Type: RESPONSE
Date: 02/15/2012
Action: CAP/RAP - Other Report

SHELL (Continued) **S106874378**

Global Id: T0607367594
Action Type: RESPONSE
Date: 03/29/2012
Action: Correspondence

Global Id: T0607367594
Action Type: RESPONSE
Date: 10/21/2011
Action: CAP/RAP - Other Report - Regulator Responded

LUST:
Global Id: T0607367594
Status: Completed - Case Closed
Status Date: 08/30/2012

Global Id: T0607367594
Status: Open - Case Begin Date
Status Date: 12/12/2002

Global Id: T0607367594
Status: Open - Remediation
Status Date: 09/28/2004

Global Id: T0607367594
Status: Open - Site Assessment
Status Date: 05/12/2009

SAN DIEGO CO. SAM:
Case Number: H02893-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Remedial Investigation
Date: 9/28/2004
Date Began: 12/12/2002

F17 **OTAY VALLEY SHELL SVC INC** **CA HIST UST** **U001571104**
SW **455 OTAY VALLEY RD** **N/A**
1/8-1/4 **CHULA VISTA, CA 92011**
0.203 mi.
1071 ft. **Site 2 of 3 in cluster F**

Relative:
Lower

Actual:
139 ft.

HIST UST:
File Number: 0002F314
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F314.pdf
Region: STATE
Facility ID: 00000044031
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SAME
Telephone: 6194216953
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803
Total Tanks: 0003

OTAY VALLEY SHELL SVC INC (Continued) **U001571104**

Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

Tank Num:	002
Container Num:	2
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

Tank Num:	003
Container Num:	3
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

Click here for Geo Tracker PDF:

G18 **FORMER DARLING INTL OMAR RENDERING SITE** **RCRA-SQG 1007117610**
SE **4826 AUTO PARK DR** **CA HAZNET CAR000150185**
1/8-1/4 **CHULA VISTA, CA 91911**
0.204 mi.
1077 ft. **Site 1 of 2 in cluster G**

Relative:
Lower

Actual:
127 ft.

RCRA-SQG:

Date form received by agency:	01/15/2004
Facility name:	FORMER DARLING INTL OMAR RENDERING SITE
Facility address:	4826 AUTO PARK DR CHULA VISTA, CA 91911
EPA ID:	CAR000150185
Mailing address:	9201 E DRY CREEK RD CENTENNIAL, CO 80112
Contact:	STEVE M CHANDLER
Contact address:	9201 E DRY CREEK RD CENTENNIAL, CO 80112
Contact country:	US
Contact telephone:	949-660-7545
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

FORMER DARLING INTL OMAR RENDERING SITE (Continued) **1007117610**

Owner/Operator Summary:
Owner/operator name: OTAY MESA VENTURES II LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/29/1999
Owner/Op end date: Not reported

Owner/operator name: KNOWLTON REALTY ADVISORS LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/22/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 01/15/2004
Site name: FORMER DARLING INTL OMAR RENDERING SITE
Classification: Small Quantity Generator

Violation Status: No violations found

HAZNET:
envid: 1007117610

FORMER DARLING INTL OMAR RENDERING SITE (Continued) **1007117610**

Year:	2013
GEPAID:	CAR000150185
Contact:	MATTHEW CURTIS
Telephone:	9496607545
Mailing Name:	Not reported
Mailing Address:	1230 COLUMBIA ST STE 1200
Mailing City,St,Zip:	SAN DIEGO, CA 921018517
Gen County:	San Diego
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.336
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	1007117610
Year:	2011
GEPAID:	CAR000150185
Contact:	STEVE CHANDLER
Telephone:	9496607545
Mailing Name:	Not reported
Mailing Address:	1230 COLUMBIA ST STE 1200
Mailing City,St,Zip:	SAN DIEGO, CA 921018517
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.357
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1007117610
Year:	2011
GEPAID:	CAR000150185
Contact:	STEVE CHANDLER
Telephone:	9496607545
Mailing Name:	Not reported
Mailing Address:	1230 COLUMBIA ST STE 1200
Mailing City,St,Zip:	SAN DIEGO, CA 921018517
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.357
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1007117610
Year:	2010
GEPAID:	CAR000150185

FORMER DARLING INTL OMAR RENDERING SITE (Continued) **1007117610**

Contact:	STEVE CHANDLER
Telephone:	9496607545
Mailing Name:	Not reported
Mailing Address:	1230 COLUMBIA ST STE 1200
Mailing City,St,Zip:	SAN DIEGO, CA 921018517
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	3.465
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1007117610
Year:	2010
GEPAID:	CAR000150185
Contact:	STEVE CHANDLER
Telephone:	9496607545
Mailing Name:	Not reported
Mailing Address:	1230 COLUMBIA ST STE 1200
Mailing City,St,Zip:	SAN DIEGO, CA 921018517
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	3.465
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

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

F19 **KIDDIE KANDIDS #00606** **RCRA-SQG** **1010313972**
SW **4501 MAIN STREET** **CAR000180380**
1/8-1/4 **CHULA VISTA, CA 91911**
0.213 mi.
1122 ft. **Site 3 of 3 in cluster F**

Relative:
Lower

Actual:
138 ft.

RCRA-SQG:

Date form received by agency:	01/05/2007
Facility name:	KIDDIE KANDIDS #00606
Facility address:	4501 MAIN STREET CHULA VISTA, CA 91911
EPA ID:	CAR000180380
Contact:	CLINT W EASTMAN
Contact address:	4501 MAIN STREET CHULA VISTA, CA 91911
Contact country:	US
Contact telephone:	619-656-1291
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

KIDDIE KANDIDS #00606 (Continued) **1010313972**

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	TOYS R US
Owner/operator address:	ONE GEOFFERY WAY WAYNE, NJ 07470
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/24/2006
Owner/Op end date:	Not reported

Owner/operator name:	TOYS R US
Owner/operator address:	ONE GEOFFERY WAY WAYNE, NJ 07470
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/24/2006
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D011
. Waste name:	SILVER

Violation Status: No violations found

G20
SE
1/8-1/4
0.213 mi.
1125 ft.

Relative:
Lower

Actual:
124 ft.

PEOPLES CHEVROLET
580 AUTO PARK DR
CHULA VISTA, CA 91911

Site 2 of 2 in cluster G

Database(s): RCRA-SQG, CA AST, CA San Diego Co. HMMD, FINDS, ECHO, CA HAZNET

EDR ID Number: 1000985150
EPA ID Number: CAR000002618

RCRA-SQG:

Date form received by agency:	10/05/1998
Facility name:	PEOPLES CHEVROLET
Facility address:	580 AUTO PARK DR CHULA VISTA, CA 91911
EPA ID:	CAR000002618
Contact:	LEROY LAUSENG
Contact address:	580 AUTO PARK DR CHULA VISTA, CA 91911
Contact country:	US
Contact telephone:	619-421-3300
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	EDMUND WESCHE
Owner/operator address:	580 AUTO PARK DR CHULA VISTA, CA 91911
Owner/operator country:	Not reported
Owner/operator telephone:	619-421-3300
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

PEOPLES CHEVROLET (Continued) **1000985150**

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

AST:

Certified Unified Program Agencies:	San Diego
Owner:	ED WESCHE
Total Gallons:	2825
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

HMMD SAN DIEGO:
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL00034298
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-656-7500
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 07/27/2017
Facility Owner: Not reported
Facility Mailing Address: 540 AUTO PARK DR, CHULA VISTA, CA 91911
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Waste and Materials:
Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109755
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Waste Absorbent
Common Name: Waste Absorbent
Case Number: Not reported

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131303
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Paraffinic Petroleum Distillates
Common Name: Lubricating Oils
Case Number: Mixture

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131304
Trade Secret: N

PEOPLES CHEVROLET (Continued) **1000985150**

Hazardous Material Type: Mixture
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Ethylene Glycol
Common Name: Coolant
Case Number: Mixture

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131305
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Cleaners/Soaps
Common Name: Cleaners/Soaps
Case Number: Mixture

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109751
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Used Paraffinic Petroleum Distillates
Common Name: Used Lubricating Oils
Case Number: Not reported

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109752
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Waste Ethylene Glycol
Common Name: Waste Coolant
Case Number: Not reported

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109753
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Waste Diethylene Glycol
Common Name: Waste Brake Fluid
Case Number: Not reported

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109754
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000

PEOPLES CHEVROLET (Continued) **1000985150**

Chemical Name: Waste Gasoline/Diesel
Common Name: Waste Fuel
Case Number: Not reported

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109756
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Waste Solids with Gasoline Residue
Common Name: Waste Fuel Pumps
Case Number: Not reported

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109757
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

Record ID: DEH2009-HUPFP-211063
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0109758
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-24T00:50:21.000
Chemical Name: Clarifier Sludge
Common Name: Clarifier Sludge
Case Number: Not reported

Permit Number: 211063
Business Type: 6HK31
EPA Id Number: CAL000342981
APN: 644-042-05-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 619-656-7500
Permit Status: OPEN
Permit Expiration: 11/30/2013
Date Last Updated: 11/02/2012
Facility Owner: FULLER HONDA
Facility Mailing Address: 580 AUTO PARK DR
Facility Mailing City: CHULA VISTA
Facility Mailing State: CA
Facility Mailing Zip: 91911
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y

PEOPLES CHEVROLET (Continued) **1000985150**

Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: PARAFFINIC PETROLEUM DISTILLATES
Other Information: MOTOR, TRANSMISSION & GEAR LUBRICATING OILS
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: PARTS WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: BRAKE CLEANER (3)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE / COOLANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: INTERSTATE / USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: DRAINED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211063
Update Date: 11/02/2012
Inspection Date: 03/06/2012
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity: ACTIVE

Permit Number: 135062
Business Type: 6HK31
EPA Id Number: CAR000002618
APN: 644-042-05-00
Last HMMD Inspection: 09/11/2008
Facility Telephone: 619-421-3300
Permit Status: INAC
Permit Expiration: 11/30/2009
Date Last Updated: 11/02/2012
Facility Owner: ED WESCHE
Facility Mailing Address: 580 AUTO PARK DR
Facility Mailing City: CHULA VISTA
Facility Mailing State: CA
Facility Mailing Zip: 91911-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 135062
Update Date: 11/02/2012
Inspection Date: 09/12/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS

PEOPLES CHEVROLET (Continued) **1000985150**

Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	Inactive Permit
Permit Number:	135062
Update Date:	11/02/2012
Inspection Date:	09/12/2003
Violation Code:	6HV0301
Violation:	HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation:	Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity:	Inactive Permit
Permit Number:	135062
Update Date:	11/02/2012
Inspection Date:	06/06/2005
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	Inactive Permit
Permit Number:	135062
Business Type:	6HK31
EPA Id Number:	CAR000002618
APN:	644-042-05-00
Last HMMD Inspection:	09/11/2008
Facility Telephone:	619-421-3300
Permit Status:	INAC
Permit Expiration:	11/30/2009
Date Last Updated:	11/02/2012
Facility Owner:	ED WESCHE
Facility Mailing Address:	580 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911-
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Violations Inactive Permits:

Permit Number:	135062
Update Date:	11/02/2012
Inspection Date:	09/12/2003
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	Inactive Permit

PEOPLES CHEVROLET (Continued) **1000985150**

Permit Number: 135062
Update Date: 11/02/2012
Inspection Date: 09/12/2003
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: Inactive Permit

Permit Number: 135062
Update Date: 11/02/2012
Inspection Date: 06/06/2005
Violation Code: 6HV1605
Violation: NO DAILY TANK INSPECTION/LOG
Violation Citation: Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity: Inactive Permit

Permit Number: 211063
Business Type: 6HK31
EPA Id Number: CAL000342981
APN: 644-042-05-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 619-656-7500
Permit Status: OPEN
Permit Expiration: 11/30/2013
Date Last Updated: 11/02/2012
Facility Owner: FULLER HONDA
Facility Mailing Address: 580 AUTO PARK DR
Facility Mailing City: CHULA VISTA
Facility Mailing State: CA
Facility Mailing Zip: 91911
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: PARAFFINIC PETROLEUM DISTILLATES
Other Information: MOTOR, TRANSMISSION & GEAR LUBRICATING OILS
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: PARTS WASHER
Material Waste: Waste

PEOPLES CHEVROLET (Continued) **1000985150**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: BRAKE CLEANER (3)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE / COOLANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: INTERSTATE / USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: DRAINED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

Violations Active Permits:

Permit Number:	211063
Update Date:	11/02/2012
Inspection Date:	03/06/2012
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE

Permit Number:	211063
Business Type:	6HK31
EPA Id Number:	CAL000342981
APN:	644-042-05-00
Last HMMD Inspection:	03/06/2012
Facility Telephone:	619-656-7500
Permit Status:	OPEN
Permit Expiration:	11/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	FULLER HONDA
Facility Mailing Address:	580 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	PARAFFINIC PETROLEUM DISTILLATES
Other Information:	MOTOR, TRANSMISSION & GEAR LUBRICATING OILS
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information:	PARTS WASHER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	BRAKE CLEANER (3)

PEOPLES CHEVROLET (Continued) **1000985150**

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE / COOLANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: INTERSTATE / USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: DRAINED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211063
Update Date: 11/02/2012
Inspection Date: 03/06/2012
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).

PEOPLES CHEVROLET (Continued) **1000985150**

Activity: ACTIVE

FINDS:

Registry ID: 110002905946

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1000985150
Registry ID:	110002905946
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002905946

HAZNET:

envid:	1000985150
Year:	2009
GEPAID:	CAR000002618
Contact:	EDMUND WESCHE PRES
Telephone:	6194213300
Mailing Name:	Not reported
Mailing Address:	580 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919110000
Gen County:	Not reported
TSD EPA ID:	CAD982411993
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.0375
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000985150
Year:	2009
GEPAID:	CAR000002618
Contact:	EDMUND WESCHE PRES
Telephone:	6194213300
Mailing Name:	Not reported
Mailing Address:	580 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919110000

PEOPLES CHEVROLET (Continued) **1000985150**

Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.5456
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000985150
Year:	2009
GEPAID:	CAR000002618
Contact:	EDMUND WESCHE PRES
Telephone:	6194213300
Mailing Name:	Not reported
Mailing Address:	580 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919110000
Gen County:	Not reported
TSD EPA ID:	TXD077603371
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.105
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000985150
Year:	2009
GEPAID:	CAR000002618
Contact:	EDMUND WESCHE PRES
Telephone:	6194213300
Mailing Name:	Not reported
Mailing Address:	580 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919110000
Gen County:	Not reported
TSD EPA ID:	TXD077603371
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.075
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Diego

envid:	1000985150
Year:	2009
GEPAID:	CAR000002618
Contact:	EDMUND WESCHE PRES
Telephone:	6194213300
Mailing Name:	Not reported
Mailing Address:	580 AUTO PARK DR
Mailing City,St,Zip:	CHULA VISTA, CA 919110000
Gen County:	Not reported
TSD EPA ID:	TXD077603371

PEOPLES CHEVROLET (Continued) **1000985150**

TSD County: Not reported
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.125
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Diego

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

21
East
1/4-1/2
0.251 mi.
1325 ft.

Relative:
Lower

Actual:
178 ft.

FORMER OMAR RENDERING LANDFILL
1886 AUTO PARK PLACE
CHULA VISTA, CA 91910

CA DEED **S100833528**
CA LDS **N/A**
CA BOND EXP. PLAN
CA Cortese
CA ENF
CA NPDES

DEED:

Envirostor ID: L10003156547
Area: Not reported
Sub Area: Not reported
Site Type: LANDFILL
Status: Not reported
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 12/29/1999

LDS:

Global Id: L10003156547
Latitude: 32.59704
Longitude: -117.0246
Case Type: Land Disposal Site
Status: Open - Closed/with Monitoring
Status Date: 10/22/2013
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Caseworker: SAM
Local Agency: Not reported
RB Case Number: 2091200
LOC Case Number: H02426-003
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply, Soil
EDR Link ID: L10003156547
Potential Contaminants of Concern: * Acids/Corrosives, Arsenic, * Chlorinated Hydrocarbons, Waste Oil / Motor / Hydraulic / Lubricating, Other Petroleum
Site History: The Omar Rendering site is situated on forty acres enclosed by a chain-link and wood fence. The facility accepted hazardous wastes from 1959 to 1978 and utilized evaporation ponds for disposal. Prior to 1980, the contents of six former Class I waste ponds were removed and disposed at a permitted off site location. In 1981, the impacted soil from beneath the Class I waste ponds was placed in a lined and capped waste cell in the northwest corner of the site, in accordance with RWQCB Order No. 80-06 (Closure Requirements for the Omar Rendering Company Dumpsite in the Otay River Valley). Subsequently, the waste cell has been maintained and monitored per RWQCB Order No. 87-141, [Waste Discharge Requirements (WDRs) for the Omar Rendering

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

Company Closed Class I Disposal Site including Technical Change Order No. 1 Monitoring and Reporting Program], which was replaced by RWQCB Order No. 97-Annual/Semi-Annual Report April 2010 Former Omar Rendering Site 2 40 (Waste Discharge Requirements for Closure and Post-Closure Maintenance for the Class I Waste Management Containment Cell, Omar Rendering Facility, Darling International, which includes Monitoring and Reporting Program 97-40). Program No. 97-40 requires semi-annual groundwater monitoring and periodic monitoring and maintenance of the cap and surface water control features. The waste cell has the following physical properties: h Approximate waste cell area: 5 acres. h Stratigraphy, approximate depth below grade (City of Chula Vista Engineering Department, Samual F. Savino PE, As-built grading plan, sheet 4 of 7, Sections A-A and B-B, dated 10-27-82). 0-6 ft: clean soil cover 6-9 ft: compacted clay cap 9-53 ft: compacted soil waste There is currently no documented human health exposure. 53-56 ft: compacted clay liner (base is at approx. elev. of 155 feet mean sea level [MSL]) h The bottom of the waste cell is greater than 25 feet above the groundwater table (the water table is encountered at an elevation of 120 to 130 feet MSL in the vicinity of the waste cell). h Clay material used for liners was analyzed and determined to have a permeability of less than 1E-06 centimeters per second (cm/sec), and compacted to 90 percent relative compaction (Geocon, Testing and Observation Services During Grading Operations, dated January 1982). h The material placed in the waste cell was primarily impacted soil excavated from beneath the former Class I ponds and rendering waste ponds (pond contents were removed off site); consequently, the material is assumed to have a low organic content, and have low potential for generating methane gas. h The waste cell contents were compacted to at least 90 percent relative compaction (Geocon, January 1982). San Diego Water Board issued cleanup and abatement Order R9-2003-0080 and addendum no. 1 to that Order for cleanup and abatement of areas of the site impacted by pollutants from the former waste disposal pits located onsite. The monitoring and maintenance of the Omar Landfill are covered by WDRs Order 97-40 (and addenda thereto) and a detection monitoring program issued under authority of Water Code section 13263, and the landfill is not part of the cleanup being conducted under the CAO.

Click here to access the California GeoTracker records for this facility:

CA BOND EXP. PLAN:

Reponsible Party:	BACKLOG SITE CLEANUP PLANNING REPORT
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	This site is projected to be remediated by responsible parties with reimbursement to DHS for its oversight/monitoring costs. However, if the responsible parties are unable to pay for site cleanup, another source of funds will need to be established.
Site Description:	This site is situated on 40 acres and is enclosed by chain link and wood fencing. The facility accepted hazardous wastes from 1959 to 1978 and utilized evaporation ponds for disposal. These ponds were excavated upon closure and the residues were left onsite.
Hazardous Waste Desc:	Chemicals disposed of onsite include petroleum hydrocarbons, acids, caustic solutions, and heavy metals. Soil samples indicate the presence of copper, chromium, nickel, lead, 1,1-dichloroethane, cadmium, dichlorodiphenyl,

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

trichloroethane (TCA), aldrin, and polychlorinated biphenyls (PCBs).

Threat To Public Health & Env: The public may be exposed to contaminated dust and/or volatile organic compounds if soil is disturbed. Ground water contamination could occur if the pond residuals are released from the disposal cell. Chronic exposures could occur if contaminated soils are left exposed after construction. There is no documented exposure at this time.

Site Activity Status: The potential responsible party conducted a site assessment in Summer, 1988 to determine the location and concentrations of contaminants onsite and the potential to migrate off the property. DHS will evaluate the findings of the assessment to determine a priority for scheduling the site in future Bond Expenditure Plans.

CORTESE:

Region:	CORTESE
Envirostor Id:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
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:	CORTESE
Order No:	R9-1997-0040
Waste Discharge System No:	Not reported
Effective Date:	06/11/1997
Region 2:	9
WID Id:	9 000000215
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

ENF:

Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
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

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
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:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Active
Enforcement Id(EID):	389620
Region:	9
Order / Resolution Number:	R9-2013-0055
Enforcement Action Type:	Notice of Violation
Effective Date:	04/02/2013
Adoption/Issuance Date:	04/02/2013
Achieve Date:	Not reported
Termination Date:	11/30/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV No. R9-2013-0055, Land Bank former Omar Rendering Site
Description:	For violations of Waste Discharge Requirements for Post-Closure maintenance and monitoring for Class 1 waste management unit (landfill) and CAO at former Omar Rendering facility.

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

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
Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
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
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	256773
Region:	9
Order / Resolution Number:	R9-2003-0080
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/27/2003
Adoption/Issuance Date:	03/27/2003
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Order R9-2003-0080, Cleanup and Abatement Order former Omar Rendering Site
Description:	Cleanup and abatement Order for investigation and remediation of condition of pollution from past discharges of wastes at the former Omar Rendering Site. Due dates: Site Conceptual Model 5/30/03,Site Investigation Report 8/29/03, and FS 12/30/03.
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
Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
SIC Code 1:	4953

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

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
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
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:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	248056
Region:	9
Order / Resolution Number:	R9-2002-0170
Enforcement Action Type:	Notice of Violation
Effective Date:	06/20/2002

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/20/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV Order R9-2002-0170, Failure to Report
Description:	Discharger failed to submit semi-annual and annual groundwater monitoring reports as required by WDR (Order 97-40) and M&RP 97-40.
Program:	LFNONOPER
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

Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
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
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
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:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	221498
Region:	9
Order / Resolution Number:	LT950605
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/05/1995
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 - 9 000000215
Description:	SITE CORRECTIVE ACTION ORDER replaced by closure requirements and CAO R9-2003-080 see reg meas. 256773
Program:	LFNONOPER
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

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	9

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

Regulatory Measure Id:	441247
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	9 37C367857
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/01/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	160 Calle Magdalena LLC
Discharge Address:	1546 Auto Park Way
Discharge City:	Encondido
Discharge State:	California
Discharge Zip:	92029
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY 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 NAME:	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 NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

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 NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	9
Regulatory Measure Id:	218742
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	9 37I015817
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/25/2000
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Otay Mesa Ventures II LLC
Discharge Address:	6380 S Fiddlers Green Circle
Discharge City:	Greenwood Village
Discharge State:	Colorado
Discharge Zip:	80111
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY 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 NAME:	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 NAME:	Not reported

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	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 NAME:	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
Facility Status:	Not reported
Agency Id:	Not reported
Region:	9
Regulatory Measure Id:	441247
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	9 37C367857
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:	09/25/2013
PROCESSED DATE:	10/01/2013
STATUS CODE NAME:	Active
STATUS DATE:	10/01/2013

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

PLACE SIZE:	5.1
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Larry Lett
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	760-744-3133
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	lletts@lusardi.com
OPERATOR NAME:	160 Calle Magdalena LLC
OPERATOR ADDRESS:	1546 Auto Park Way
OPERATOR CITY:	Encondido
OPERATOR STATE:	California
OPERATOR ZIP:	92029
OPERATOR CONTACT NAME:	John Epps
OPERATOR CONTACT TITLE:	Secretary
OPERATOR CONTACT PHONE:	858-581-7942
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	JWE@mossy.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	160 Calle Magdalena LLC
DEVELOPER ADDRESS:	1546 Auto Park Way
DEVELOPER CITY:	Encondido
DEVELOPER STATE:	California
DEVELOPER ZIP:	92029
DEVELOPER CONTACT NAME:	John Epps
DEVELOPER CONTACT TITLE:	Secretary
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	760-522-7490
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	N
CONSTYPE BELOW GROUND IND:	N
CONSTYPE CABLE LINE IND:	N
CONSTYPE COMM LINE IND:	N
CONSTYPE COMMERTIAL IND:	Y
CONSTYPE ELECTRICAL LINE IND:	N
CONSTYPE GAS LINE IND:	N
CONSTYPE INDUSTRIAL IND:	N
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	N
CONSTYPE RECONS IND:	N
CONSTYPE RESIDENTIAL IND:	N
CONSTYPE TRANSPORT IND:	N
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	N
CONSTYPE WATER SEWER IND:	N
DIR DISCHARGE USWATER IND:	Y
RECEIVING WATER NAME:	Otay River
CERTIFIER NAME:	John Epps
CERTIFIER TITLE:	CFO
CERTIFICATION DATE:	25-SEP-13
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	9

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

Regulatory Measure Id:	218742
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	9 37I015817
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:	05/25/2000
STATUS CODE NAME:	Active
STATUS DATE:	05/25/2000
PLACE SIZE:	5
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Mark Unruh
FACILITY CONTACT TITLE:	Project Manager
FACILITY CONTACT PHONE:	619-533-7301
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	mark.unruh@aptim.com
OPERATOR NAME:	Otay Mesa Ventures II LLC
OPERATOR ADDRESS:	6380 S Fiddlers Green Circle
OPERATOR CITY:	Greenwood Village
OPERATOR STATE:	Colorado
OPERATOR ZIP:	80111
OPERATOR CONTACT NAME:	TIMOTHY ROBERTS
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	720-554-8206
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	timothy.roberts@aptim.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Colorado
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported

FORMER OMAR RENDERING LANDFILL (Continued) **S100833528**

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:	Otay River
CERTIFIER NAME:	TIMOTHY ROBERTS
CERTIFIER TITLE:	Project Manager
CERTIFICATION DATE:	10-AUG-15
PRIMARY SIC:	4953-Refuse Systems
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

---

22 **SHINOHARA II PROPERTY BURNSITE** **CA SWF/LF** **S105548884**
South **S OF 4700 BLK. MAIN ST.** **N/A**
1/4-1/2 **CHULA VISTA, CA**
0.329 mi.
1735 ft.

Relative:
Lower

Actual:
87 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	37-CR-0075
Lat/Long:	32.5916 / -117.0313
Owner Name:	City of Chula Vista
Owner Telephone:	6194765341
Owner Address:	Development Services
Owner Address2:	276 Fourth Avenue
Owner City,St,Zip:	Chula Vista, CA 91910
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	$0.00
Activity:	Solid Waste Disposal Site
Regulation Status:	Pre-regulations
Landuse Name:	Open Space - Irrigated,Commercial
GIS Source:	GPS
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	$0.00
SWIS Num:	37-CR-0075
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported

SHINOHARA II PROPERTY BURNSITE (Continued) **S105548884**

Lat/Long:	32.5916 / -117.0313
Region:	STATE
Facility ID:	37-CR-0075
Lat/Long:	32.5916 / -117.0313
Owner Name:	Shinohara J
Owner Telephone:	Not reported
Owner Address:	Not reported
Owner Address2:	2009 Chardonnay Terrace
Owner City,St,Zip:	Chula Vista
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	$0.00
Activity:	Solid Waste Disposal Site
Regulation Status:	Pre-regulations
Landuse Name:	Open Space - Irrigated,Commercial
GIS Source:	GPS
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	$0.00
SWIS Num:	37-CR-0075
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	32.5916 / -117.0313

23
WSW
1/4-1/2
0.363 mi.
1914 ft.

ARCO **CA LUST** **S103980466**
4430 OTAY VALLEY RD **N/A**
CHULA VISTA, CA 91911

Relative:
Lower

Actual:
133 ft.

LUST:

Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607313861
Global Id:	T0607313861
Latitude:	32.5945
Longitude:	-117.0381
Status:	Completed - Case Closed
Status Date:	04/29/2008
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported

ARCO (Continued) **S103980466**

File Location: Local Agency
Local Case Number: H21459-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0607313861
Action Type: ENFORCEMENT
Date: 07/23/2002
Action: Notice of Responsibility

Global Id: T0607313861
Action Type: Other
Date: 07/11/2002
Action: Leak Reported

Global Id: T0607313861
Action Type: RESPONSE
Date: 01/09/2007
Action: Correspondence

Global Id: T0607313861
Action Type: Other
Date: 06/25/2002
Action: Leak Discovery

Global Id: T0607313861
Action Type: Other
Date: 06/25/2002
Action: Leak Stopped

Global Id: T0607313861
Action Type: Other
Date: 06/25/2002
Action: Leak Began

LUST:
Global Id: T0607313861
Status: Completed - Case Closed
Status Date: 04/29/2008

Global Id: T0607313861
Status: Open - Case Begin Date
Status Date: 06/25/2002

H24 **VINCENT DAVIES PROPERTY** **CA ENVIROSTOR** **U001571103**
ESE **4501 OTAY VALLEY ROAD** **CA SLIC** **N/A**
1/4-1/2 **CHULA VISTA, CA 92011** **CA San Diego Co. HMMD**
0.382 mi. **CA SWEEPS UST**
2016 ft. **Site 1 of 2 in cluster H** **CA HIST UST**

Relative:
Lower

Actual:
140 ft.

ENVIROSTOR:
Facility ID: 37730292
Status: Refer: Other Agency
Status Date: 08/21/1995
Site Code: Not reported

VINCENT DAVIES PROPERTY (Continued) **U001571103**

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 79
Senate: 40
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.59472
Longitude: -117.0227
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983566779
Alias Type: EPA Identification Number
Alias Name: 37730292
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: CalSites Validation Program confirms NFA for DTSC.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 05/30/1996
Global Id: T0608113999
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H28262-001
Latitude: 32.594208
Longitude: -117.042898
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported

VINCENT DAVIES PROPERTY (Continued) **U001571103**

File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HMMD SAN DIEGO:
Permit Number: 106804
Business Type: 6HK03
EPA Id Number: Not reported
APN: DEH-106804
Last HMMD Inspection: Not reported
Facility Telephone: 619-421-6581
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: NAKANO FARMS
Facility Mailing Address: P.O. BOX P O BOX 57
Facility Mailing City: NESTOR
Facility Mailing State: CA
Facility Mailing Zip: 92053-
UST Owner: NAKANO FARMS
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 106804 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 106804
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 300
UST Contents: LEADED
Other Content Info: LEADED
Reg Status: EXEMPT
Remove Close Date: Not reported
Year Installed: 1968-01-01 00:00:00
Pipe Type: Not reported
Delivery System: GRAVITY
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

SWEEPS UST:
Status: Active
Comp Number: 6804
Number: 9
Board Of Equalization: 44-022391
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88

VINCENT DAVIES PROPERTY (Continued) **U001571103**

Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006804-000001
Tank Status: A
Capacity: 300
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

HIST UST:
File Number: 0002F086
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F086.pdf
Region: STATE
Facility ID: 00000050131
Facility Type: Other
Other Type: FARM
Contact Name: Not reported
Telephone: 6194216581
Owner Name: NAKANO FARMS
Owner Address: 4501 OTAY VALLEY ROAD
Owner City,St,Zip: CHULA VISTA, CA 92011
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1968
Tank Capacity: 00000300
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: None

Click here for Geo Tracker PDF:

H25 **VINCENT DAVIES PROPERTY** **SEMS-ARCHIVE** **1003877949**
ESE **4501 OTAY VALLEY ROAD** **CAD983566779**
1/4-1/2 **CHULA VISTA, CA 92011**
0.382 mi.
2016 ft. **Site 2 of 2 in cluster H**

Relative:
Lower

Actual:
140 ft.

SEMS-ARCHIVE:
Site ID: 900023
EPA ID: CAD983566779
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0900023
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13289422.00000
Person ID: 13003854.00000

VINCENT DAVIES PROPERTY (Continued) **1003877949**

Contact Sequence ID: 13295017.00000
Person ID: 13003858.00000

Contact Sequence ID: 13300875.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 08/24/90
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/27/92
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 01/27/92
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

---

26 SSW 1/4-1/2 0.400 mi. 2112 ft. **DAVIES PROPERTY** **US BROWNFIELDS** **1016356769**
NO ADDRESS **N/A**
CHULA VISTA, CA 91911

Relative: Lower

Actual: 81 ft.

US BROWNFIELDS:
Property Name: DAVIES PROPERTY
Recipient Name: Chula Vista Redevelopment Agency
Grant Type: Assessment
Property Number: 624-071-01
Parcel size: 8.61
Latitude: 32.59085
Longitude: -117.03442
HCM Label: Interpolation-Other
Map Scale: Not reported
Point of Reference: Center of a Facility or Station
Highlights: Not reported
Datum: World Geodetic System of 1984
Acres Property ID: 109352
IC Data Access: Not reported
Start Date: Not reported
Redev Completition Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 4186
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: Not reported
Cleanup Funding Entity: Not reported

DAVIES PROPERTY (Continued) **1016356769**

Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	96943301
Start Date:	09/01/2009 00:00:00
Ownership Entity:	Government
Completion Date:	10/24/2009 00:00:00
Current Owner:	City of Chula Vista
Did Owner Change:	Not reported
Cleanup Required:	U
Video Available:	N
Photo Available:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported

DAVIES PROPERTY (Continued) **1016356769**

Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	8.61
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Agricultural Uses dairy farm 1928-1967 Open Storage 1967-2004 Vacant 2005- present
Below Poverty Number:	182
Below Poverty Percent:	22.6%
Meidan Income:	1181
Meidan Income Number:	1106
Meidan Income Percent:	3.7%
Vacant Housing Number:	57
Vacant Housing Percent:	72.3%
Unemployed Number:	235
Unemployed Percent:	17.5%

27
WSW
1/2-1
0.765 mi.
4038 ft.

APACHE SERVICES
4551 OTAY VALLEY ROAD
CHULA VISTA, CA 92011

CA ENVIROSTOR **S100833516**
CA BOND EXP. PLAN **N/A**

Relative:
Lower

Actual:
120 ft.

ENVIROSTOR:

Facility ID:	37500032
Status:	Refer: RWQCB
Status Date:	08/27/1990
Site Code:	400004
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	RWQCB 9 - San Diego
Lead Agency:	RWQCB 9 - San Diego
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	79
Senate:	40
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	32.59416
Longitude:	-117.0213
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* Laboratory Waste Chemicals * EMPTY CONTAINERS, LESS THAN 30 GALLONS * OTHER INORGANIC SOLID WASTE
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD980515860
Alias Type:	EPA Identification Number
Alias Name:	P43063
Alias Type:	PCode
Alias Name:	400004
Alias Type:	Project Code (Site Code)
Alias Name:	37500032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	01/13/1983
Comments:	FACILITY IDENTIFIED VIA ROUTINE SURVEILLANCE
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	08/27/1990
Comments:	RWQCB SITE REFERRED TO SAN DIEGO RWQCB. DELISTED FROM BEP BACKLOG. SITE SCREENING DONE PENDING: RWQCB LEAD.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report

APACHE SERVICES (Continued) **S100833516**

Completed Date: 02/19/1987
Comments: PRELIM ASSESS DONE STUDY DONE FOR RWQCB STATES THERE IS LOW PROBABILITY TOXINS WILL BE RELEASED. RWQCB IS LEAD AGENCY AND IS IMPLIMENTING PLAN INSURING NO TOXINS WILL BE RELEASED

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CA BOND EXP. PLAN:
Reponsible Party: BACKLOG SITE CLEANUP PLANNING REPORT
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: This site is projected to be remediated by the responsible parties will reimbursement to DHS for its oversight activities. If the RPs are unable to fund site cleanup, another source of funds will need to be identified.
Site Description: The site was formerly a junkyard. Many of the wastes onsite are thought to be associated with nearby naval facilities.
Hazardous Waste Desc: Soil contamination includes low levels of copper, zinc, cadmium and lead. Hazardous wastes previously stored and spilled include petroleum distillates, solvents, electrical insulating oils, trichloroethane (TCA), chloroform, and perchloroethylene (PCE). The site is located on fill material.
Threat To Public Health & Env: There is some potential threat to the Otay River. Farmland is adjacent to the site. PCE and TCA were found in standing surface water and ground water. Ground water is within 12 feet of the surface. The site has been partially abated through removal of the most highly contaminated soil. This site will be further evaluated in the future to determine if additional cleanup action is necessary.
Site Activity Status: In February, 1981, a cleanup and abatement order was issued by the RWQCB, San Diego Region. DHS was working in coordination with the U.S. Navy, a potentially responsible party, when the salvage yard was destroyed by fire in August, 1985. Some subsequent surface removal occurred. There has been inadequate chatacterization to determine the current levels of contamination. Additional site characterization is necessary to confirm the adequacy of cleanup. The responsible parties are continuing remediation work under the oversight of the San Diego RWQCB.

I28 **OTAY SANITARY LANDFILL** **CA ENVIROSTOR** **S101481986**
ENE **OTAY VALLEY ROAD** **N/A**
1/2-1 **CHULA VISTA, CA 92011**
0.904 mi.
4773 ft. **Site 1 of 4 in cluster I**

Relative:
Higher

Actual:
349 ft.

ENVIROSTOR:
Facility ID: 37490031
Status: Refer: RWQCB
Status Date: 04/25/1995
Site Code: 400112
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported

OTAY SANITARY LANDFILL (Continued) **S101481986**

NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	P43072
Alias Type:	PCode
Alias Name:	400112
Alias Type:	Project Code (Site Code)
Alias Name:	37490031
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	11/04/2014
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

I29 **ALLIED WASTE - OTAY LANDFILL** **CA SWF/LF** **U001571080**
ENE **1700 MAXWELL ROAD** **CA San Diego Co. HMMD** **N/A**
1/2-1 **CHULA VISTA, CA 92011** **CA HIST UST**
0.908 mi. **CA EMI**
4792 ft. **Site 2 of 4 in cluster I** **CA HWP**

Relative: Higher

Actual: 349 ft.

SAN DIEGO CO. LF:

Facility Status:	ACTIVE SITES
Operational Status:	ACTIVE
Region:	SAN DIEGO
SWIS Number:	37-AA-0973
Owner Name:	OTAY LANDFILL, INC
Operator:	OTAY LANDFILL, INC
Facility Type:	MEDIUM VOLUME TRANSFER/ MEDIUM VOLUME CDI PROCESSING
Facility Type2:	CDI PROCESSING

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

PERMTIER: REGISTRATION
Inspection Frequency: MONTHLY

Facility Status: ACTIVE SITES
Operational Status: ACTIVE
Region: SAN DIEGO
SWIS Number: 37-AA-0975
Owner Name: BEND HOE OOI
Operator: PLANTS CHOICE, INC
Facility Type: ORGANIC MATERIALS HANDLING FACILITIES
Facility Type2: GREEN MATERIAL COMPOSTING OPERATION (>12,500yd3)
PERMTIER: EA NOTIFICATION
Inspection Frequency: QUARTERLY

HMMD SAN DIEGO:
Permit Number: 210800
Business Type: 6HK26
EPA Id Number: CAL000341724
APN: 644-230-19-00
Last HMMD Inspection: 01/26/2011
Facility Telephone: 619-429-3497
Permit Status: OPEN
Permit Expiration: 09/30/2013
Date Last Updated: 11/02/2012
Facility Owner: ECOLOGY AUTO PARTS, INC
Facility Mailing Address: 14150 VINE PLACE
Facility Mailing City: CERRITOS
Facility Mailing State: CA
Facility Mailing Zip: 90703
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 210800
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210800

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	OILS, LUBRICATING
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported
Permit Number:	210800
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	210800
Update Date:	11/02/2012
Case Number:	68476-85-7
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	1X55GAL USED/1X55 GAL NEW/ XOGUARD FLUID
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Other Information:	DRAINED - TO ECOLOGY
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	210800
Update Date:	11/02/2012
Inspection Date:	05/28/2009
Violation Code:	6HV1001
Violation:	NO UPF PERMIT FOR HAZMATS
Violation Citation:	A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity:	ACTIVE

Permit Number:	210800
Update Date:	11/02/2012
Inspection Date:	05/28/2009
Violation Code:	6HV0131
Violation:	UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation:	A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity:	ACTIVE

Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000341724
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	562-921-9974
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	04/05/2017
Facility Owner:	Not reported
Facility Mailing Address:	14150 VINE PLACE, CERRITOS, CA 90703
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Waste and Materials:

Record ID:	DEH2009-HUPFP-210800
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107271
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2016-08-31T02:32:30.000
Chemical Name:	Not reported
Common Name:	Motor Oil

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107265
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107266
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: Ethylene Glycol
Common Name: ANTIFREEZE
Case Number: 107-21-1

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107267
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: Gear Oil
Common Name: Gear Oil
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107268
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: HYDRAULIC OIL
Common Name: HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107269
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: Not reported
Common Name: Diesel Exhaust Fluid (DEF)
Case Number: Not reported

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107270
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088520
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name: OILY SOIL/SOLIDS
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088521
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088522
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol (Waste)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088523
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-31T02:32:30.000
Chemical Name: Not reported
Common Name: Oily Water (Parts Washer)
Case Number: Not reported

Permit Number: 210800

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Business Type:	6HK26
EPA Id Number:	CAL000341724
APN:	644-230-19-00
Last HMMD Inspection:	01/26/2011
Facility Telephone:	619-429-3497
Permit Status:	OPEN
Permit Expiration:	09/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	ECOLOGY AUTO PARTS, INC
Facility Mailing Address:	14150 VINE PLACE
Facility Mailing City:	CERRITOS
Facility Mailing State:	CA
Facility Mailing Zip:	90703
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	74-86-2
Name:	ACETYLENE GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	107-21-1
Name:	ETHYLENE GLYCOL
Other Information:	ANTIFREEZE
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	OILS, LUBRICATING
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	68476-85-7
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	1X55GAL USED/1X55 GAL NEW/ XOGUARD FLUID
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	210800
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	DRAINED - TO ECOLOGY
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	210800
Update Date:	11/02/2012
Inspection Date:	05/28/2009
Violation Code:	6HV1001
Violation:	NO UPF PERMIT FOR HAZMATS
Violation Citation:	A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity:	ACTIVE

Permit Number:	210800
Update Date:	11/02/2012

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Inspection Date: 05/28/2009
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000016754
Facility Type: Other
Other Type: TREATMENT FACILITY
Contact Name: HERB SMITH
Telephone: 6194211175
Owner Name: BKK CORPORATION
Owner Address: 2550 237TH STREET
Owner City,St,Zip: TORRANCE, CA 90505
Total Tanks: 0003

Tank Num: 001
Container Num: SF1
Year Installed: 1982
Tank Capacity: 00250000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 002
Container Num: SF2
Year Installed: 1982
Tank Capacity: 00250000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 003
Container Num: SOG
Year Installed: 1982
Tank Capacity: 00013500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

EMI:
Year: 1996
County Code: 37
Air Basin: SD
Facility ID: 7263
Air District Name: SD
SIC Code: 4953

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5786
Reactive Organic Gases Tons/Yr:	70
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	84
Part. Matter 10 Micrometers and Smllr Tons/Yr:	37

Year:	1997
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1623
Reactive Organic Gases Tons/Yr:	13
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	58
Part. Matter 10 Micrometers and Smllr Tons/Yr:	17

Year:	1998
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1485
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	84
Part. Matter 10 Micrometers and Smllr Tons/Yr:	22

Year:	1999
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1485
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	1

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	84
Part. Matter 10 Micrometers and Smllr Tons/Yr:	22

Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3695
Reactive Organic Gases Tons/Yr:	30
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	239
Part. Matter 10 Micrometers and Smllr Tons/Yr:	66

Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3695
Reactive Organic Gases Tons/Yr:	30
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	239
Part. Matter 10 Micrometers and Smllr Tons/Yr:	66

Year:	2002
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2045
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	2
Particulate Matter Tons/Yr:	228
Part. Matter 10 Micrometers and Smllr Tons/Yr:	87

Year:	2003

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2045
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	2
Particulate Matter Tons/Yr:	228
Part. Matter 10 Micrometers and Smllr Tons/Yr:	87

Year:	2004
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2044.525658
Reactive Organic Gases Tons/Yr:	16.9134257
Carbon Monoxide Emissions Tons/Yr:	1.5757
NOX - Oxides of Nitrogen Tons/Yr:	8.432
SOX - Oxides of Sulphur Tons/Yr:	1.547272
Particulate Matter Tons/Yr:	228.336762
Part. Matter 10 Micrometers and Smllr Tons/Yr:	86.8528861

HWP:

EPA Id:	CAT080010101
Cleanup Status:	CLOSED
Latitude:	32.59757
Longitude:	-117.0182
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Assembly District:	79
Senate District:	40
Public Information Officer:	Not reported
Public Information Officer:	Not reported

Activities:

EPA Id:	CAT080010101
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date:	01/11/1983

EPA Id:	CAT080010101
Facility Type:	Historical - Non-Operating

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - TECHNICAL COMPLETE LETTER
Actual Date: 06/25/1991

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 04/26/1982

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 08/06/1982

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL
Actual Date: 03/31/1992

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 01/11/1983

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 01/11/1988

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 05/17/1990

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - APPLICATION PART B RECEIVED
Actual Date: 05/31/1989

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 06/30/1993

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 08/19/1982

ALLIED WASTE - OTAY LANDFILL (Continued) **U001571080**

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - PUBLIC COMMENT (BEGIN)
Actual Date: 06/29/1991

Closure:
EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 06/17/1998

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 11/25/1998

Alias:
EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000832243

EPA Id: CAT080010101
Facility Type: Historical - Non-Operating
Alias Type: Envirostor ID Number
Alias: 37730291

I30 **APPROPRIATE TECHNOLOGIES II INC** **CA ENVIROSTOR** **S109287760**
ENE **1700 MAXWELL RD** **CA SWF/LF** **N/A**
1/2-1 **CHULA VISTA, CA 91911** **CA LDS**
0.908 mi. **CA ENF**
4792 ft. **Site 3 of 4 in cluster I** **CA Financial Assurance**
CA NPDES

Relative: Higher

Actual: 349 ft.

ENVIROSTOR:
Facility ID: 80001820
Status: * Inactive
Status Date: 01/01/2008
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Cypress
Assembly: 79
Senate: 40
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Funding: Not reported
Latitude: 32.59757
Longitude: -117.0182
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT080010101
Alias Type: EPA Identification Number
Alias Name: 110000832243
Alias Type: EPA (FRS #)
Alias Name: 37730291
Alias Type: Envirostor ID Number
Alias Name: 80001820
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 11/01/1987
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RFI Workplan
Completed Date: 06/14/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/15/1989
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RFI Report
Completed Date: 02/22/1995
Comments: The RFI report indicated there is no further investigation is necessary for Washout Pit and Unlined Effluent Pippes. However, this facility was constructed on a closed class I lsndfill which SD WB is the lead for this landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 08/12/2010
Comments: Not reported

Completed Area Name: Sites With No Operable Unit

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 05/27/1989
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: Interim Measures Questionnaire
Completed Date: 09/28/1992
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/29/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 06/29/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 12/08/2010
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Facility ID: 37730291
Status: Refer: RCRA
Status Date: 05/01/1995
Site Code: 400205
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 79
Senate: 40
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.60513
Longitude: -117.0049
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * UNSPECIFIED AQUEOUS SOLUTION
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BKK CORP
Alias Type: Alternate Name
Alias Name: CAT080010101
Alias Type: EPA Identification Number
Alias Name: 110000832243
Alias Type: EPA (FRS #)
Alias Name: 400205
Alias Type: Project Code (Site Code)
Alias Name: 37730291
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/01/1995
Comments: Database Validation Program determines NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/12/1984
Comments: PERMIT(OTHER) PERMIT: HAZ WASTE FAC PERMIT # CAT- 080010101 WASTE: ACCEPTS HAZ/NON-HAZ LIQ SLUDGE & SLURRY WASTES IN BULK, HAZ LIQ/SOLID WST IN DRUMS OR OTHER APPROVED CONTAINERS UNACCEPTABLE WASTES-PCB'S,EXPLOSIVE, & RADIOACTIVE MATLS. BKK/AP-TECII OPER PLAN -

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

1)SOURCE ACT: LAND USE: SITE SURROUNDED BY OTAY LDFL. HAZ WASTE TREATMT,STORAGE,TRANSFER FAC ZONED FOR OPEN SPACE & PARK DEVELOPMENT NO DISP ONSITE. ALL STORAGE TEMPORARY. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWF/LF (SWIS):
Region: STATE
Facility ID: 37-AA-0010
Lat/Long: 32.60333 / -117.005
Owner Name: Republic Services
Owner Telephone: 9547692400
Owner Address: Not reported
Owner Address2: 18500 N. Allied Way
Owner City,St,Zip: Phoenix, AZ 82054
Operational Status: Active
Operator: Otay Landfill Inc.
Operator Phone: 6194494053
Operator Address: Not reported
Operator Address2: 8514 Mast Blvd.
Operator City,St,Zip: Santee, CA 92071
Permit Date: 06/26/2017
Permit Status: Permitted
Permitted Acreage: Not reported
Activity: Chipping and Grinding Activity Fac./ Op.
Regulation Status: Permitted
Landuse Name: Industrial,Agricultural
GIS Source: Map
Category: Composting
Unit Number: 03
Inspection Frequency: Quarterly
Accepted Waste: Green Materials
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 37-AA-0010
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Remaining Capacity with Units: Not reported
Lat/Long: 32.60333 / -117.005

Region: STATE
Facility ID: 37-AA-0010
Lat/Long: 32.60333 / -117.005
Owner Name: Republic Services
Owner Telephone: 9547692400
Owner Address: Not reported
Owner Address2: 18500 N. Allied Way
Owner City,St,Zip: Phoenix, AZ 82054
Operational Status: Active
Operator: Otay Landfill Inc.
Operator Phone: 6194494053
Operator Address: Not reported
Operator Address2: 8514 Mast Blvd.
Operator City,St,Zip: Santee, CA 92071
Permit Date: 06/26/2017
Permit Status: Permitted
Permitted Acreage: $409.00
Activity: Solid Waste Landfill
Regulation Status: Permitted
Landuse Name: Industrial,Agricultural
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Monthly
Accepted Waste: Agricultural,Ash,Construction/demolition,Contaminated soil,Dead Animals,Green Materials,Industrial,Inert,Mixed municipal,Other designated,Sludge (BioSolids),Tires
Closure Date: 02/28/2030
Closure Type: Estimated
Disposal Acreage: $230.00
SWIS Num: 37-AA-0010
Waste Discharge Requirement Num: III
Program Type: BOE Reporting Disposal Facility,Composite_Lined _LF_Cell(s),Financial Assurance Responsibilities,Remaining Capacity Landfill,Treated Wood Waste Acceptance
Permitted Throughput with Units: 6700
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 61154000
Remaining Capacity: 21194008
Remaining Capacity with Units: Cubic Yards
Lat/Long: 32.60333 / -117.005

Region: STATE
Facility ID: 37-AA-0973
Lat/Long: 32.60135 / -117.0128
Owner Name: Otay Landfill Inc.
Owner Telephone: 6194494053
Owner Address: Not reported
Owner Address2: 8514 Mast Blvd.
Owner City,St,Zip: Santee, CA 92071
Operational Status: Active
Operator: Otay Landfill Inc.
Operator Phone: 6194494053
Operator Address: Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Operator Address2: 8514 Mast Blvd.
Operator City,St,Zip: Santee, CA 92071
Permit Date: 07/09/2014
Permit Status: Permitted
Permitted Acreage: $5.50
Activity: Medium Vol CDI Debris Proc. Fac.
Regulation Status: Permitted
Landuse Name: Residential,Commercial
GIS Source: Map
Category: Transfer/Processing
Unit Number: 01
Inspection Frequency: Monthly
Accepted Waste: Asphalt Shingles,Construction/demolition,Inert,Wood waste
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 37-AA-0973
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 174
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 54288
Remaining Capacity: Not reported
Remaining Capacity with Units: Tons/year
Lat/Long: 32.60135 / -117.0128

Region: STATE
Facility ID: 37-AA-0975
Lat/Long: 32.60333 / -117.005
Owner Name: Otay Landfill Inc.
Owner Telephone: 6194494053
Owner Address: Not reported
Owner Address2: 8514 Mast Blvd.
Owner City,St,Zip: Santee, CA 92071
Operational Status: Active
Operator: Plants Choice, Inc.
Operator Phone: 6195859909
Operator Address: Beng Hoe Ooi
Operator Address2: PO Box 436050
Operator City,St,Zip: San Ysidro, CA 92154
Permit Date: 01/25/2016
Permit Status: Notification
Permitted Acreage: $4.00
Activity: Composting Operation (Green Waste)
Regulation Status: Notification
Landuse Name: Commercial
GIS Source: Map
Category: Composting
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Green Materials,Wood waste
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 37-AA-0975
Waste Discharge Requirement Num: Not reported
Program Type: Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Permitted Throughput with Units: 200
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 40000
Remaining Capacity: Not reported
Remaining Capacity with Units: Tons/year
Lat/Long: 32.60333 / -117.005

Region: STATE
Facility ID: 37-AA-0984
Lat/Long: 32.60436 / -117.00536
Owner Name: Otay Landfill, Inc.
Owner Telephone: 6194213773
Owner Address: Neil Mohr
Owner Address2: 1700 Maxwell Rd.
Owner City,St,Zip: Chula Vista, CA 91912
Operational Status: Active
Operator: Otay Landfill, Inc.
Operator Phone: 6194213773
Operator Address: Neil Mohr
Operator Address2: 1700 Maxwell Rd.
Operator City,St,Zip: Chula Vista, CA 91912
Permit Date: 12/18/2015
Permit Status: Notification
Permitted Acreage: $4.00
Activity: Composting Operation (Research)
Regulation Status: Notification
Landuse Name: Residential
GIS Source: Map
Category: Composting
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Food Wastes
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 37-AA-0984
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 210
Actual Throughput with Units: Tons/week
Permitted Capacity with Units: 11000
Remaining Capacity: Not reported
Remaining Capacity with Units: Tons/year
Lat/Long: 32.60436 / -117.00536

LOS ANGELES CO. LF:
Site ID: 2718
Alt. Address: N/A
Site Contact: Not reported
Site Contact Phone: (619) 421-5192
Site Email: Not reported
Site Website: http://www.sandiego.gov/environmental-services/recycling/locations/otaylandfill.
Site Type: Out-of-County Facility
Site SWIS Number: 37-AA-0010
Beginning Operation Date: N/A
Ending Operation Date: N/A
Local Enforcement Agency: County of San Diego Department of Environmental

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Maximun Depth Fill(Ft): N/A
Permitted Capacity: 346
Present Use: Solid Waste Landfill
Remaining Capacity(Million): 24,514,904
Status: Active
Waste Accepted: Construction & Demolition;Green Materials;Household Trash;Metals;Tires;
Hours of Operation: Monday - Friday 7am-4pm; Saturday 7am-3pm
Disposal Area (Acre): 230

Detail As Of 01/2014:
Operator Name: Unknown
Operator Address: Not reported
Operator City/State/Zip: Not reported
Operator Contact: Not reported
Operator Telephone: Not reported
Operator Email: Not reported
Owner Name: Unknown
Owner Address: Not reported
Owner City/State/Zip: Not reported
Owner Contact: Not reported
Owner Telephone: Not reported
Owner Email: Not reported

SAN DIEGO CO. LF:
Facility Status: ACTIVE SITES
Operational Status: ACTIVE
Region: SAN DIEGO
SWIS Number: 37-AA-0984
Owner Name: OTAY LANDFILL, INC
Operator: OTAY LANDFILL, INC
Facility Type: ORGANIC MATERIALS HANDLING FACILITIES
Facility Type2: RESEARCH COMPOSTING OPERATION
PERMTIER: EA NOTIFICATION
Inspection Frequency: QUARTERLY

LDS:

Global Id: L10009614226
Latitude: 32.60493
Longitude: -117.0048
Case Type: Land Disposal Site
Status: Open - Operating
Status Date: 07/20/2010
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Caseworker: JRO
Local Agency: Not reported
RB Case Number: 9 000000214
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Not reported
EDR Link ID: L10009614226
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE), Nitrate, Other inorganic / salt, Lead, MTBE / TBA / Other Fuel Oxygenates, Other Petroleum, Total Petroleum Hydrocarbons (TPH)
Site History: Active Class III Landfill covered by waste discharge requrements issued by the San Diego Water Board as Order 90-009 (individual WDRs) and Order 93-86 (General WDRS). Both sets of WDRs are available from

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

the San Diego Water Board web page and in the Geotracker database (see "Site Documents" tab).

Click here to access the California GeoTracker records for this facility:

ENF:

Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	246812
Region:	9
Order / Resolution Number:	R9-2002-330
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	10/11/2002
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 - 9 000000214
Description:	CAO R9-2002-330 was issued pursuant to Governor's Executive Order D-62-02 to implement a moratorium on the disposal of decommissioned waste (low-level radioactive wastes) at Class III and unclassified WMUs located in the San Diego Region.
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

Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	242139
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	05/10/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Status:	Historical
Title:	Enforcement - 9 000000214
Description:	REQUEST FOR ANALYTICAL RESULTS FOR RADIOACTIVE WASTE CONSTITUENTS IN LEACHATE AND/OR GROUNDWATER. PER REQUEST OF EXEC DIRECTOR SWRCB ON 4/25/02.
Program:	LFOPER
Latest Milestone Completion Date:	2003-01-31
# 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
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	238569
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	07/02/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	2001-10-18
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214
Description:	WC 13267 letter requesting amended ROWD (update to JTD) concerning management of radioactive wastes and revised monitoring program for surface water and groundwater to include radioactive waste constituents.
Program:	LFOPER
Latest Milestone Completion Date:	2001-10-18
# 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
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	238501
Region:	9

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	10/02/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/02/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214
Description:	NOV for failure to submit information under WC13267. Requested info included plans for management of existing low level radioactive wastes and monitoring & reporting plan including surface and ground water discharges of radioactive waste constituents.
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
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	236596
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	07/02/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	2001-10-18
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214
Description:	WC 13267 letter requesting amended ROWD (update to JTD) concerning management of radioactive wastes and revised monitoring program for surface water and groundwater to include radioactive waste constituents.
Program:	LFOPER
Latest Milestone Completion Date:	2001-10-18
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Total $ Paid/Completed Amount:	0
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	235172
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	11/14/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	2000-12-28
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214
Description:	Letter requesting information to assess the threat to water quality from low level radioactive wastes discovered at the Otay Annex (Class III) Landfill. County of San Diego LEA and State DHS are also evaluating the potential human health effects.
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

Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
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:	9 000000214
Reg Measure Id:	131120
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1990-0009
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:	12/11/2014
Effective Date:	10/15/1997
Expiration/Review Date:	06/30/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	11/3/2003
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):	406715
Region:	9
Order / Resolution Number:	R9-2016-0067
Enforcement Action Type:	13267 Letter
Effective Date:	07/11/2016
Adoption/Issuance Date:	07/11/2016
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	13267 Letter R9-2016-0067 for Republic Services (former Allied Waste), Inc
Description:	Investigative Order and NOV requesting information about excess leachate production (approx. 900,000 gal/month) and

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

	slope stability evaluation for SE corner of landfill where leachate ponding seems to be occurring.
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
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
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:	9 000000214
Reg Measure Id:	131120
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1990-0009
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	12/11/2014
Effective Date:	10/15/1997
Expiration/Review Date:	06/30/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	11/3/2003
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):	404725
Region:	9
Order / Resolution Number:	R9-2016-0067
Enforcement Action Type:	Notice of Violation
Effective Date:	07/11/2016
Adoption/Issuance Date:	07/11/2016
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV R9-2016-0067 for Republic Services (former Allied Waste), Inc
Description:	Not reported
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

Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

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
Threat To Water Quality:	1
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:	9 000000214
Reg Measure Id:	131120
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1990-0009
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:	12/11/2014
Effective Date:	10/15/1997
Expiration/Review Date:	06/30/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	11/3/2003
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):	399098
Region:	9
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/10/2014
Adoption/Issuance Date:	12/10/2014
Achieve Date:	Not reported
Termination Date:	12/10/2014

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 12/10/2014 for Republic Services (former Allied Waste), Inc
Description:	Not reported
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:

Region:	2
SWIS_NO:	37-AA-0010
Closure Approved:	Yes
Closure Inf Coverage Date:	06/01/2017
Closure Plan Coverage:	$12,544,066.00
Closure Plan Date:	06/01/2016
PostClose Approved:	Yes
PostClose Adequacy Date:	06/01/2016
PostClose Inf Coverage:	$17,794,713.00
PostClose Inf Coverage Date:	06/01/2017
CorActCoverage:	$446,503.00
CorActApproved:	Yes
CorAct Mec Adequacy Date:	Not reported
CorAct Inf Coverage:	$430,383.00
CorActPlanCoverage:	$424,860.00
CorAct Plan Date:	12/31/2016
Lia Coverage:	$10,000,000.00
Lia Approved:	Yes
Review:	06/09/2017
Closure Mechanism A:	SURETY BOND
Closure Mechanism B:	Not reported
Closure Coverage:	$12,707,139.00
Closure Adequacy:	Not reported
Closure Inflation Estimate:	$12,707,139.00
Post Closure Mechanism A:	SURETY BOND
Post Closure Established A:	01/19/2004
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	$17,794,713.00
Post Closure Adequacy:	Not reported
Corrective Action Extablished A:	01/19/2004
Corrective Actiont Coverage:	$446,503.00
Corrective Action Approved:	Yes
Corrective Action Inflation Estimate:	$430,383.00
Corrective Action Inflationdate:	06/01/2017
Corrective Action Plan Estimate:	$424,860.00
Liability Mechanism A:	INSURANCE
Liability Established A:	01/01/2004
Liability Mechanism B:	Not reported
CostAnniversary:	11/26/2008
ClosureEstablishedA:	01/19/2004

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	SURETY BOND
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActiontDisbursement:	0
LiabilityEstabllishedB:	Not reported
LiabilityAdequacy:	Not reported
Contact:	Not reported

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	9
Regulatory Measure Id:	218578
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	9 37I013509
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/10/1997
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Otay Landfill Inc
Discharge Address:	8514 Mast Blvd
Discharge City:	Santee
Discharge State:	California
Discharge Zip:	92071
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY 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 NAME:	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 NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	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 NAME:	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
Facility Status:	Not reported
Agency Id:	Not reported
Region:	9
Regulatory Measure Id:	218578
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	9 37I013509
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:	11/10/1997
STATUS CODE NAME:	Active
STATUS DATE:	11/10/1997
PLACE SIZE:	516
PLACE SIZE UNIT:	Acres

APPROPRIATE TECHNOLOGIES II INC (Continued) **S109287760**

FACILITY CONTACT NAME:	Antonia Gunner
FACILITY CONTACT TITLE:	Environmental Specialist
FACILITY CONTACT PHONE:	619-499-9579
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	agunner@republicservices.com
OPERATOR NAME:	Otay Landfill Inc
OPERATOR ADDRESS:	8514 Mast Blvd
OPERATOR CITY:	Santee
OPERATOR STATE:	California
OPERATOR ZIP:	92071
OPERATOR CONTACT NAME:	Antonia Gunner
OPERATOR CONTACT TITLE:	Environmental Specialist
OPERATOR CONTACT PHONE:	619-499-9579
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	agunner@republicservices.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	619-449-9579
EMERGENCY PHONE EXT:	14
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	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:	Otay Valley River To Pacific
CERTIFIER NAME:	Neil Mohr
CERTIFIER TITLE:	General Manager
CERTIFICATION DATE:	04-MAY-15
PRIMARY SIC:	4953-Refuse Systems
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

I31
ENE
1/2-1
0.908 mi.
4792 ft.

Relative:
Higher

Actual:
349 ft.

APPROPRIATE TECHNOLOGIES II
1700 MAXWELL RD
CHULA VISTA, CA 92011

Site 4 of 4 in cluster I

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
RCRA-SQG
2020 COR ACTION
NY MANIFEST

1000367959
CAT080010101

SEMS-ARCHIVE:
Site ID: 902662
EPA ID: CAT080010101
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0902662
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13290431.00000
Person ID: 13003854.00000

Contact Sequence ID: 13296026.00000
Person ID: 13003858.00000

Contact Sequence ID: 13301884.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: CHANCELLONT OGDEN
Alias Address: Not reported
CA

Alias Name: OTAY IND WASTE TRANSFER STA BKK
Alias Address: Not reported
CA

Alias Name: BKK CORP
Alias Address: Not reported
CA

Alias Name: OTAY LDFL
Alias Address: Not reported
CA

Alias Name: APTEC II
Alias Address: Not reported
CA

Program Priority:
Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Date Completed: 08/01/80
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 03/01/84
Date Completed: 11/01/87
Priority Level: Deferred to RCRA (Subtitle C)

Action: SITE INSPECTION
Date Started: / /
Date Completed: 09/15/89
Priority Level: Deferred to RCRA (Subtitle C)

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY ASSESSMENT
Date Started: / /
Date Completed: 09/15/89
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

CORRACTS:

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19940401
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20121002
Action: CA800YE
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 20121002
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20101208
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Original schedule date: 20101208
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20101208
Action: CA550RC
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 20101208
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20100812
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 20100812
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19940614
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19910420
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20110920
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 48411 48411
General Freight Trucking, Local

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

General Freight Trucking, Local
Original schedule date: 20111124
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20110920
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 20111124
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20110920
Action: CA550RC
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 20111124
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19950222
Action: CA200 - RFI Approved
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19930624
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19890527
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 48411 48411
General Freight Trucking, Local

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

General Freight Trucking, Local
Original schedule date: 19890527
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19890527
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19890527
Action: CA050 - RFA Completed
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 19890527
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19920928
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19920928
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 19920928
Schedule end date: Not reported

EPA ID: CAT080010101

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19920928
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19910629
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 19910629
Schedule end date: Not reported

EPA ID: CAT080010101
EPA Region: 09
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Actual Date: 19910629
Action: CA050 - RFA Completed
NAICS Code(s): 48411 48411
General Freight Trucking, Local
General Freight Trucking, Local
Original schedule date: 19910629
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 03/04/1999
Facility name: APPROPRIATE TECHNOLOGIES II INC.
Site name: APPROPRIATE TECHNOLOGIES II, INC.
Facility address: 1700 MAXWELL RD
CHULA VISTA, CA 91911
EPA ID: CAT080010101
Mailing address: 2210 SOUTH AZUSA AVE
WEST COVINA, CA 91792
Contact: JOHN FAULKNER
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 626-965-0911
Telephone ext.: 319
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/01/1996
Site name: APPROPRIATE TECHNOLOGIES II INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: APPROPRIATE TECHNOLOGIES II INC.
Classification: Small Quantity Generator

Date form received by agency: 02/27/1996
Site name: APPROPRIATE TECHNOLOGIES II INC
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: APPROPRIATE TECHNOLOGIES 11, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/16/1992
Site name: APPROPRIATE TECHNOLOGIES II
Classification: Large Quantity Generator

Date form received by agency: 04/16/1990
Site name: APPROPRIATE TECHNOLOGIES II
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: APPROPRIATE TECHNOLOGIES II INC.
Classification: Large Quantity Generator

Corrective Action Summary:
Event date: 11/01/1987
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 11/01/1987
Event: PA OR CERCLA INSPECTION

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Event date: 11/01/1987
Event: LEAD AGENCY DETERMINATION

Event date: 05/27/1989
Event: RFA COMPLETED

Event date: 05/27/1989
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 05/27/1989
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 09/15/1989
Event: PA OR CERCLA INSPECTION

Event date: 04/20/1991
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 06/29/1991
Event: RFA COMPLETED

Event date: 06/29/1991
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 09/28/1992
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 09/28/1992
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 09/28/1992
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 06/24/1993
Event: RFI IMPOSITION-FOCUSED DATA COLLECTION REQ STAB EVAL

Event date: 04/01/1994
Event: INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED

Event date: 06/14/1994
Event: INVESTIGATION WORKPLAN APPROVED

Event date: 02/22/1995
Event: INVESTIGATION COMPLETE

Event date: 08/12/2010
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 08/12/2010
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 12/08/2010
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Event date: 12/08/2010
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 12/08/2010
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 12/08/2010
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 09/20/2011
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 09/20/2011
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 09/20/2011
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 10/02/2012
Event: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE

Facility Has Received Notices of Violations:
Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 11/29/1995
Date achieved compliance: 11/29/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 11/29/1995
Date achieved compliance: 11/29/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/29/1995
Date achieved compliance: 11/29/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Enforcement action date: 07/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 11/29/1995
Date achieved compliance: 12/28/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 11/29/1995
Date achieved compliance: 12/28/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 11/29/1995
Date achieved compliance: 12/28/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 11/29/1995
Date achieved compliance: 12/28/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/29/1995

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 11/28/1994
Date achieved compliance: 12/07/1994
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/28/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 07/12/1994
Date achieved compliance: 12/07/1994
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/20/1994
Date achieved compliance: 07/12/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 04/07/1994
Date achieved compliance: 04/20/1994
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/02/1994
Enf. disposition status: Not reported

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 04/07/1994
Date achieved compliance: 04/20/1994
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/07/1994
Date achieved compliance: 04/20/1994
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/02/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Enforcement lead agency: State
Proposed penalty amount: 37000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 37000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: FR - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Proposed penalty amount: 37000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 37000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 37000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/18/1994
Date achieved compliance: 08/03/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 06/22/1993
Date achieved compliance: 12/14/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/08/1992
Date achieved compliance: 01/21/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 03/10/1992
Date achieved compliance: 12/14/1993
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/22/1991
Date achieved compliance: 12/14/1993
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 10/16/1990
Date achieved compliance: 05/30/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 10/16/1990
Date achieved compliance: 05/30/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 10/16/1990
Date achieved compliance: 05/30/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Area of violation: TSD - General
Date violation determined: 10/16/1990
Date achieved compliance: 05/30/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/29/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 09/25/1990
Date achieved compliance: 10/16/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 09/25/1990
Date achieved compliance: 10/16/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/26/1990
Date achieved compliance: 08/27/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/07/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Date violation determined: 12/06/1989
Date achieved compliance: 09/07/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/08/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 12/06/1989
Date achieved compliance: 09/07/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/08/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 12/06/1989
Date achieved compliance: 09/07/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/08/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 12/06/1989
Date achieved compliance: 09/07/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/08/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/20/1989

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Date achieved compliance: 08/23/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/10/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 24000
Final penalty amount: 24000
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 03/20/1989
Date achieved compliance: 08/23/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/10/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 24000
Final penalty amount: 24000
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 03/20/1989
Date achieved compliance: 08/23/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/10/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 24000
Final penalty amount: 24000
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 06/01/1988
Date achieved compliance: 08/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/13/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/08/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/26/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/25/1996
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/11/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/29/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/28/1995
Evaluation lead agency: State

Evaluation date: 11/29/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/29/1995
Evaluation lead agency: EPA

Evaluation date: 11/29/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/12/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/07/1994
Evaluation lead agency: EPA

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Evaluation date: 07/12/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/07/1994
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/20/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/12/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/03/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/20/1994
Evaluation lead agency: EPA

Evaluation date: 12/06/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/03/1995
Evaluation lead agency: State

Evaluation date: 12/06/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 08/03/1995
Evaluation lead agency: State

Evaluation date: 06/21/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/14/1993
Evaluation lead agency: State

Evaluation date: 01/21/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/21/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 07/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/21/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/16/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/10/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 12/14/1993
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 11/22/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 12/14/1993
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 10/22/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/18/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 10/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/30/1991
Evaluation lead agency: State

Evaluation date: 10/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/30/1991
Evaluation lead agency: State

Evaluation date: 10/02/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/25/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/16/1990
Evaluation lead agency: EPA

Evaluation date: 05/08/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Evaluation date: 04/26/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/27/1990
Evaluation lead agency: State

Evaluation date: 12/06/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/07/1990
Evaluation lead agency: EPA

Evaluation date: 12/06/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/07/1990
Evaluation lead agency: EPA

Evaluation date: 03/20/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/23/1989
Evaluation lead agency: State

Evaluation date: 03/20/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/23/1989
Evaluation lead agency: State

Evaluation date: 06/06/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/01/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/12/1988
Evaluation lead agency: State

2020 COR ACTION:
EPA ID: CAT080010101
Region: 9
Action: Not reported

NY MANIFEST:
Country: USA
EPA ID: CAT080010101
Facility Status: Not reported
Location Address 1: 1700 MAXWELL ROAD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: CHULA VISTA
Location State: CA

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Location Zip:	92011
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	CAT080010101
Mailing Name:	APPROPRIATE TECHNOLOGIES II
Mailing Contact:	APPROPRIATE TECHNOLOGIES II
Mailing Address 1:	1700 MAXWELL ROAD
Mailing Address 2:	Not reported
Mailing City:	CHULA VISTA
Mailing State:	CA
Mailing Zip:	92011
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	6194211175

NY MANIFEST:

Document ID:	NYB7314453
Manifest Status:	K
seq:	Not reported
Year:	1996
Trans1 State ID:	11284PNY
Trans2 State ID:	Not reported
Generator Ship Date:	09/16/1996
Trans1 Recv Date:	09/16/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/04/1996
Part A Recv Date:	/ /
Part B Recv Date:	10/22/1996
Generator EPA ID:	CAT080010101
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00008
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.

APPROPRIATE TECHNOLOGIES II (Continued) **1000367959**

Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00011
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00126
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00008
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	P098 - POTASSIUM CYANIDE
Quantity:	00234
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	P098 - POTASSIUM CYANIDE
Quantity:	00234
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

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

Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHULA VISTA	S108217438	PUBLIC STORAGE FACILITY	2317 MAIN (SB) ST	91911	CA SAN DIEGO CO. SAM
CHULA VISTA	S105155605	SHINOHARA II	OTAY VALLEY ROAD		CA SWF/LF
CHULA VISTA	S106874190	ARCO	4430 OTAY VALLEY RD	91911	CA SAN DIEGO CO. SAM
CHULA VISTA CA	S103443330	WALKER SCOTT PROPERTY	OTAY VALLEY RD	91911	CA WMUDS/SWAT, CA San Diego Co HMMD
SAN DIEGO	1015730674	OTAY MESA CID DRUMS	CORNER HERITAGE ROAD AND OTAY	92154	SEMS

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: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: EPA
Telephone: N/A
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 01/15/2018
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: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: EPA
Telephone: N/A
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: EPA
Telephone: N/A
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 01/15/2018
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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/06/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/21/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 77

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/28/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 70

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 01/29/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 05/22/2017
Date Data Arrived at EDR: 06/13/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 94

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2017
Next Scheduled EDR Contact: 02/26/2018
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: 08/10/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/27/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional 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.

Date of Government Version: 08/10/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/27/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/13/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 23

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 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: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 58
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 31
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/07/2017
Next Scheduled EDR Contact: 02/05/2018
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: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

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: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 58
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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: Semi-Annually

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: Semi-Annually

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: Annually

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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 57
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 134

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 05/02/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

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: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 49
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
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: 08/21/2017
Date Data Arrived at EDR: 09/20/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 9
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 05/31/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 76

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/20/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 02/12/2018
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: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

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: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 19

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 08/31/2017
Date Data Arrived at EDR: 09/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/05/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 63
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
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: 05/09/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 57
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

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: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 58
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/26/2018
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: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 58
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2017
Next Scheduled EDR Contact: 02/26/2018
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: 10/17/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 01/08/2018
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: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/19/2018
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
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: 09/27/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 8
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 02/19/2018
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: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
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: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
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: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/26/2017
Next Scheduled EDR Contact: 02/05/2018
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: 10/02/2017
Date Data Arrived at EDR: 10/05/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 8
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/05/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

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: 06/30/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/18/2017
Next Scheduled EDR Contact: 04/02/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
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: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/02/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 07/31/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
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: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
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: 09/25/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 24

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 03/26/2018
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: 07/23/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 9

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
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: 09/02/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/15/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 261

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 06/02/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 133
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
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: 08/17/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 29
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
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: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
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: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 34

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 52

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/26/2018
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: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/21/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
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: 08/21/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 10/10/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 7
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/01/2017
Number of Days to Update: 50
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
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: 09/01/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 63
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/13/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 23
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 02/26/2018
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: 09/05/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 63
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 10/18/2017
Number of Days to Update: 36
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 06/16/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 119
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 94
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
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 board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

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: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 09/13/2017
Date Data Arrived at EDR: 09/15/2017
Date Made Active in Reports: 11/14/2017
Number of Days to Update: 60

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

BUTTE COUNTY:

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: 09/18/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 64

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/17/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 10/31/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/14/2017
Number of Days to Update: 13

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/18/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 63

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 40

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/25/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 19

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/20/2017
Number of Days to Update: 43

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

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: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 11/09/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 5

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 07/24/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 82

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 5
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 10/17/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 51
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/17/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 31
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/14/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 69

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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: 10/26/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/06/2017
Number of Days to Update: 10

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/28/2017
Date Data Arrived at EDR: 10/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 34

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 10/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 14

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 40

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/15/2017
Date Made Active in Reports: 11/28/2017
Number of Days to Update: 74
Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

NAPA COUNTY:

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: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 11/22/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 22
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 8
Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 28
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 36
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 63

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 12

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/15/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/15/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 3

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

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: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 44

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/19/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 58

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 09/05/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 63

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

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: 11/29/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 4
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/15/2017
Date Data Arrived at EDR: 09/19/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 28
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/06/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/15/2017
Date Data Arrived at EDR: 09/19/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 51
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/06/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 12/13/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/10/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 67
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

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

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: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

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: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SHASTA COUNTY:

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: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/10/2017
Number of Days to Update: 44

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 42

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 50

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/10/2017
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 6

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 12/04/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 15

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List
Cupa program facilities

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 12/18/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 22

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Quarterly

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: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Annually

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: 11/08/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/28/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 9
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/11/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 10/02/2017
Date Made Active in Reports: 11/14/2017
Number of Days to Update: 43
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 6
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
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: 11/11/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 34
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2017
Next Scheduled EDR Contact: 01/22/2018
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: 10/01/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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 & Game
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

INDUSTRIAL LAND
517 SHINOHARA LANE
CHULA VISTA, CA 91911

TARGET PROPERTY COORDINATES

Latitude (North):	32.597385 - 32° 35' 50.59''
Longitude (West):	117.031519 - 117° 1' 53.47''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	497042.2
UTM Y (Meters):	3606465.2
Elevation:	204 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5622818 IMPERIAL BEACH, 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 principal 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).

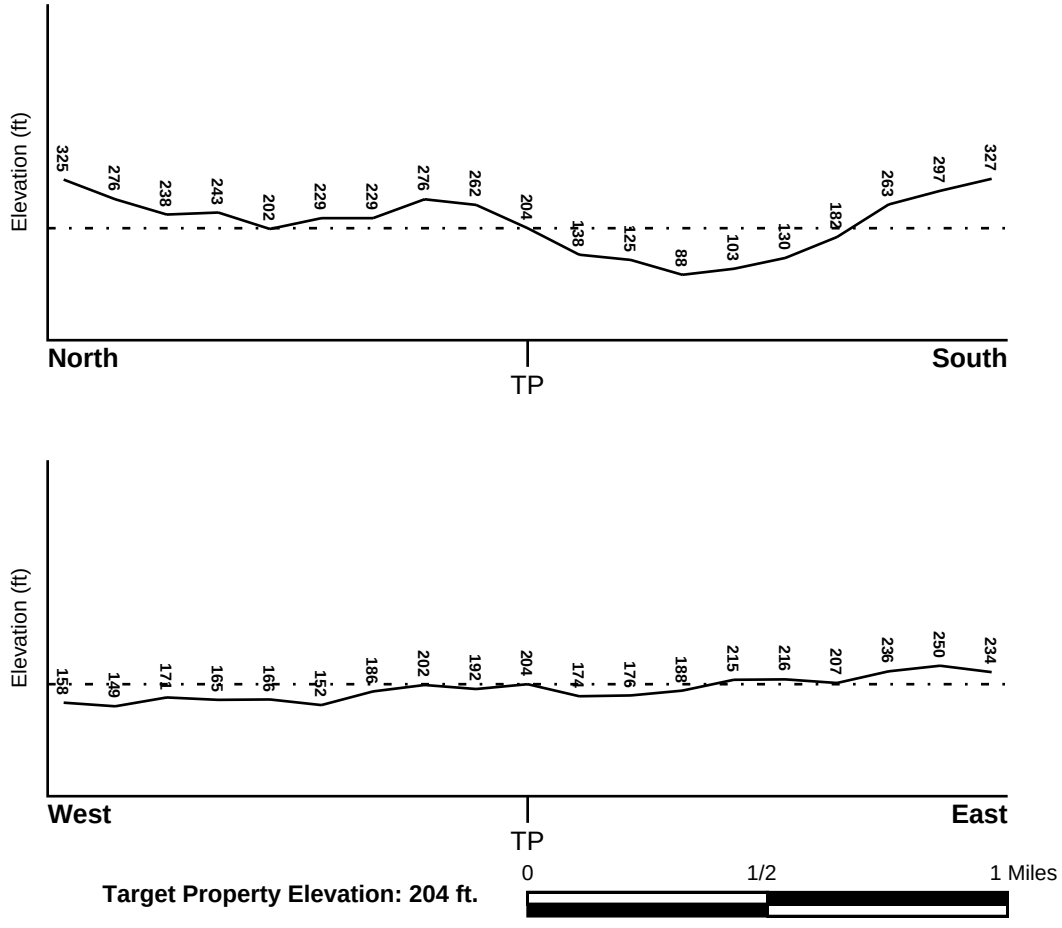
TOPOGRAPHIC INFORMATION

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 South

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

Flood Plain Panel at Target Property	FEMA Source Type
06073C2156G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06073C2157G	FEMA FIRM Flood data
06073C2158G	FEMA FIRM Flood data
06073C2159G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
IMPERIAL BEACH	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
Location Relative to TP:	1/2 - 1 Mile East
Site Name:	APPROPRIATE TECHNOLOGIES II
Site EPA ID Number:	CAT080010101
Groundwater Flow Direction:	W TOWARD SAN DIEGO BAY.
Inferred Depth to Water:	110 to 180 feet.
Hydraulic Connection:	Information is not available regarding the hydraulic connection between aquifer(s) underlying the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile SW	WSW
3	1/4 - 1/2 Mile ESE	Varies
1G	1/4 - 1/2 Mile ESE	Varies
2G	1/8 - 1/4 Mile SW	WSW

For additional site information, refer to Physical Setting Source Map Findings.

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

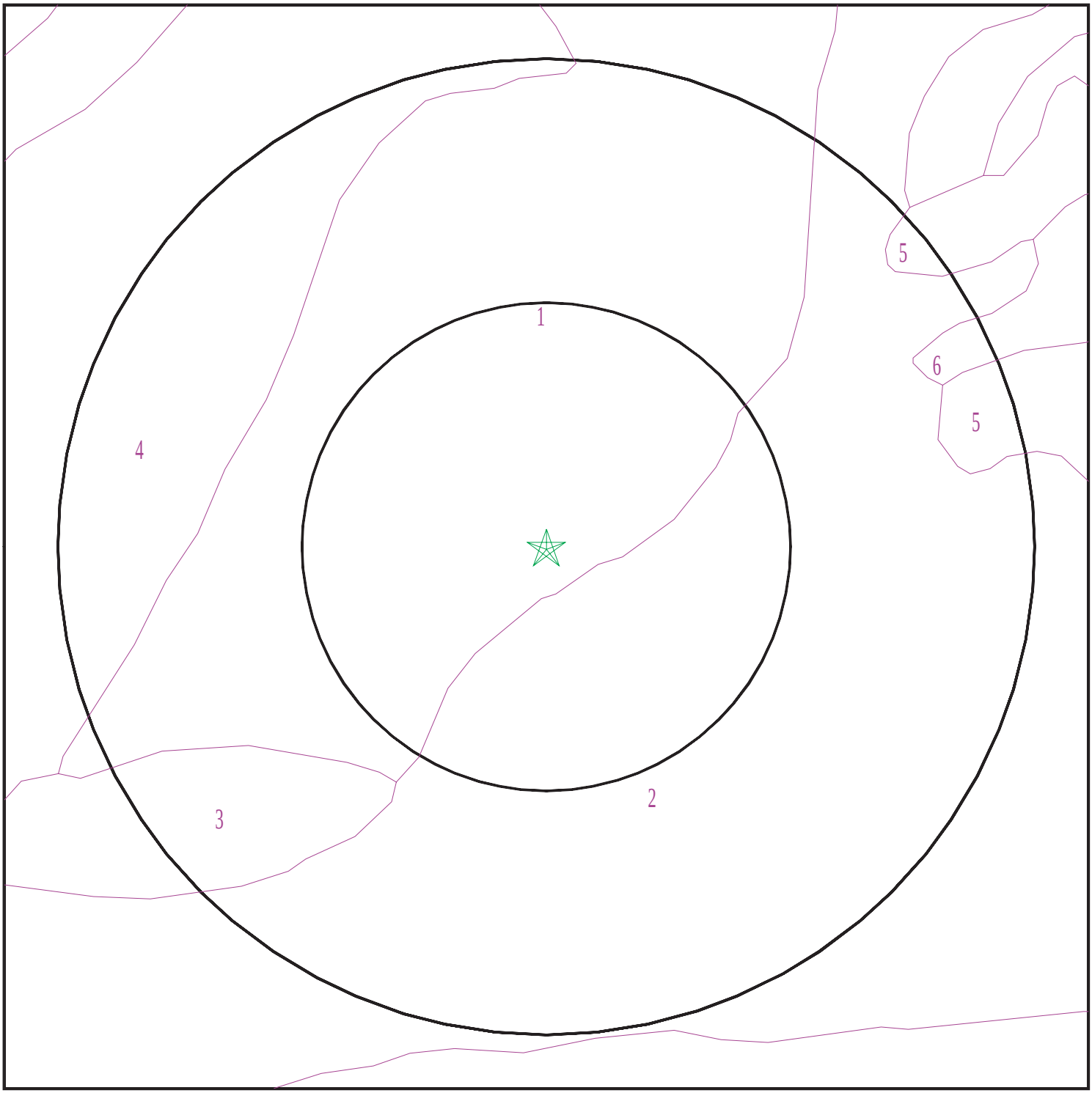
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp *(decoded above as Era, System & Series)*

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 - 5146125.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Industrial Land	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	517 Shinohara Lane Chula Vista CA 91911	CONTACT:	Adrian Rivas
LAT/LONG:	32.597385 / 117.031519	INQUIRY #:	5146125.2s
		DATE:	December 27, 2017 4:50 pm

Copyright © 2017 EDR, Inc. © 2015 TomTom Rel. 2015.

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: OLIVENHAIN

Soil Surface Texture: cobbly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 5.6
2	9 inches	27 inches	very cobbly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 5.5 Min: 5.1
3	27 inches	44 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1

Soil Map ID: 2

Soil Component Name: SALINAS

Soil Surface Texture: clay 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: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	22 inches	46 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	46 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: OLIVENHAIN

Soil Surface Texture: cobbly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6 Min: 5.6
2	9 inches	42 inches	very cobbly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 5.5 Min: 5.1
3	42 inches	59 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1

Soil Map ID: 4

Soil Component Name: OLIVENHAIN

Soil Surface Texture: cobbly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 5.6
2	9 inches	42 inches	very cobbly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 5.5 Min: 5.1
3	42 inches	59 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1

Soil Map ID: 5

Soil Component Name: LINNE

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	14 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	37 inches	40 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	14 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
3	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000129253	1/4 - 1/2 Mile ESE
4	USGS40000129254	1/2 - 1 Mile WSW

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

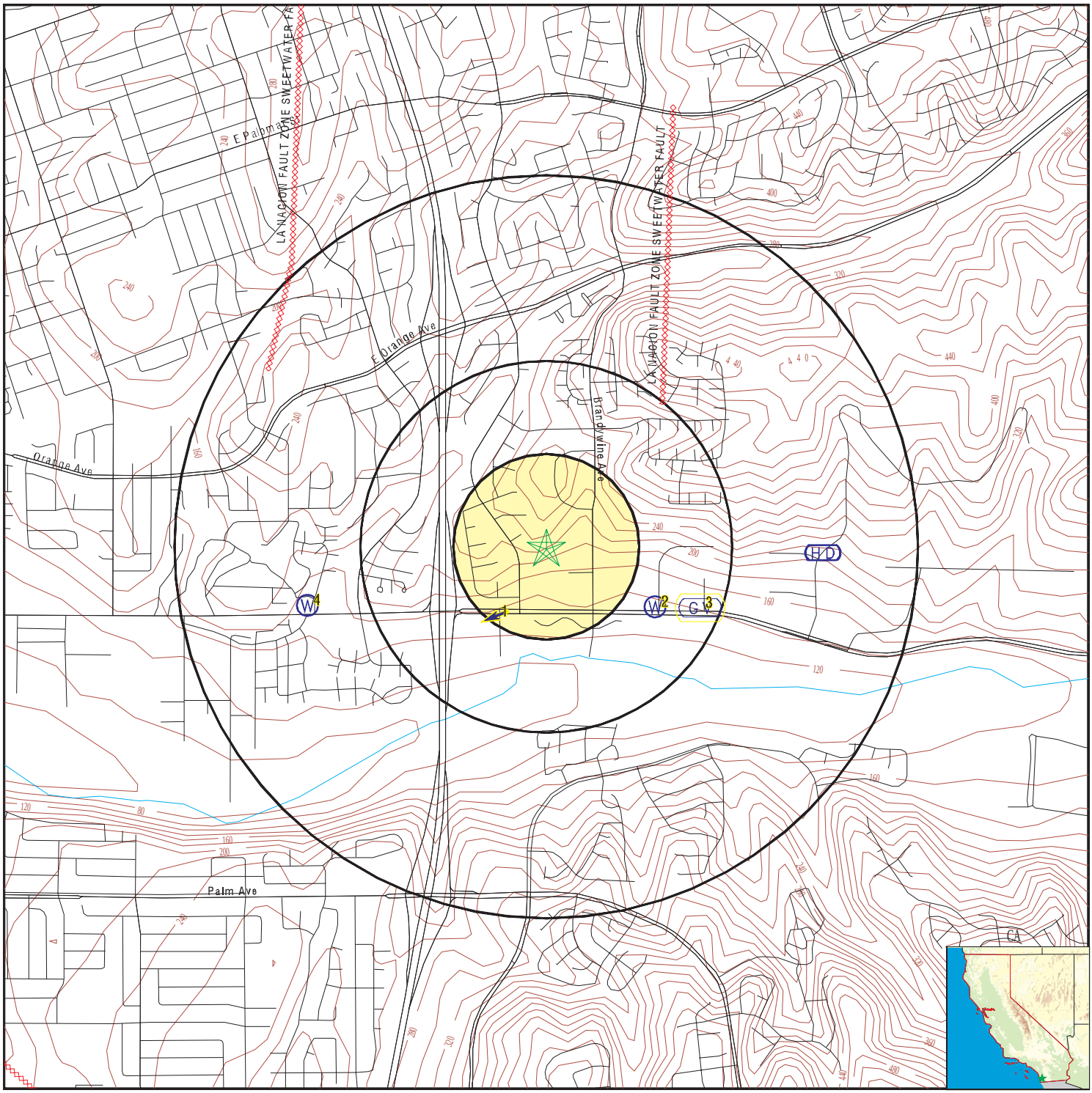
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5146125.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Industrial Land	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	517 Shinohara Lane Chula Vista CA 91911	CONTACT:	Adrian Rivas
LAT/LONG:	32.597385 / 117.031519	INQUIRY #:	5146125.2s
		DATE:	December 27, 2017 4:50 pm

Copyright © 2017 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9UT1584 WSW 25 35 Not Reported 04/12/1990	**AQUIFLOW**	**33964**

2
ESE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000129253**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-323542117013501		
Monloc name:	018S001W19D001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.5950389
Longitude:	-117.0264944	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from Digital Map		
Horiz coord refsys:	NAD83	Vert measure val:	128
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19511101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	182
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

			Database	EDR ID Number
3 **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies 18 35 Not Reported 07/15/1989	**AQUIFLOW**	**34110**

4
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000129254**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-323542117023301		
Monloc name:	018S002W24C001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.5950944
Longitude:	-117.0425333	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from Digital Map		
Horiz coord refsys:	NAD83	Vert measure val:	130
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19960630	Welldepth:	1200
Welldepth units:	ft	Wellholedepth:	1420
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

1G
ESE
1/4 - 1/2 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	Varies
Shallow Water Depth:	18
Deep Water Depth:	35
Average Water Depth:	Not Reported
Date:	07/15/1989

AQUIFLOW **34110**

2G
SW
1/8 - 1/4 Mile
Lower

Site ID:	9UT1584
Groundwater Flow:	WSW
Shallow Water Depth:	25
Deep Water Depth:	35
Average Water Depth:	Not Reported
Date:	04/12/1990

AQUIFLOW **33964**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91911	4	0

Federal EPA Radon Zone for SAN DIEGO County: 3

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 SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
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 & Game
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.

STATE RECORDS

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 D: QUALIFICATIONS/INSURANCE

PARTNER

Education

B.A. in Psychology with minors in business, English, and journalism – Indiana University

Highlights

10+ years – writing and editing in the environmental field as follows:

- Environmental Project Manager conducting Phase I Environmental Risk and Transaction Screen Assessments and writing associated assessment and desktop reports
- Technical Editor/Proofreader on a government contract working on the U.S. Department of Energy's Yucca Mountain High-Level Nuclear Waste Storage project License Application Design Selection; SAIC (1998 – 1999)
- Technical Editor on a government contract working the Environmental Impact Statement for the U.S. Department of Energy's Yucca Mountain High-Level Nuclear Waste Storage project License Application Design Selection; Jason Associates Corp. (2000 – 2001)

23+ years – writing and editing; journalism

Experience Summary

Ms. Gengler has been in the environmental services industry for over 10+ years. She has functioned as a Staff Assessor and Environmental Project Manager, conducting Phase I Environmental Risk, Transaction Screen Assessments, writing associated assessment and desktop reports, as well as records search with risk assessments on: multi-family residential and commercial properties that include gas stations, industrial sites, retail centers, motels/hotels. She has performed/conducted more than 1,000 environmental risk assessments.

Project Experience

Notable projects include:

- Serving as project manager for environmental assessments of 62 sites throughout Los Angeles County for the enhanced Los Angeles Regional Interoperable Communications System (LA RICS). The assessed sites included: sheriff stations, fire stations, and medical centers that were municipally owned.

- Served as project manager for a site in Vernon, CA that was represented as a bedding products storage and distribution facility. The site was identified as a decommissioned ammunitions manufacturing plant for the Department of the Army. Features of the site included three underground storage tanks (USTs) which consisted of a 10,000-gallon quench oil, a 20,000-gallon quench oil, and a 1,500-gallon fuel oil UST. The tanks were connected to piping which ran into the adjacent buildings and areas. It further included trenches, grinding machine areas, furnace pits, a phosphate machine containment area, a waste treatment containment area, a cooling tower sump, interior and exterior clarifiers, steam cleaning pits, plating bathes, and numerous other containment areas and sumps.

- Served as project manager for a 1,650-acre site in Riverdale, CA occupied by a dairy farm with a capacity of approximately 4,000 head of cattle, an onsite biogas project, and numerous active oil

wells. For the biogas project, methane gas was derived from manure to provide the gas to a Pacific Gas & Electric (PG&E) power plant. As cow manure decomposed, it produced methane, a greenhouse gas more potent than carbon dioxide. The biogas plant was installed to capture and treat methane to produce renewable gas.

To tap the renewable gas from cow manure, manure waste was discharged through piping and furrow irrigation into a pit with an outside perimeter of 152 linear feet. It was then pumped into a 33-foot-deep covered lagoon or "methane digester," first passing through a screen that filters out large solids. It was lined with plastic to protect the ground water, and the cover, made of high-density polyethylene, was held down at the edges by concrete. Gas collected underneath the cover. Weights on top of the digester channeled the gas to the biogas up-grade plant where it was "scrubbed" of hydrogen sulfide and carbon dioxide. The end product was reportedly nearly 99 percent pure methane. Once it was treated, the gas was injected into PG&E's pipeline, where it was then transferred to a power plant.

- Served as technical editor on the Environmental Impact Statement for the U.S. Department of Energy's Yucca Mountain High-Level Nuclear Waste Storage project License Application Design Selection and on the U.S. Department of Energy's Yucca Mountain High-Level Nuclear Waste Storage project License Application Design Selection itself. The Yucca Mountain Nuclear Waste Repository was to be a deep geological repository storage facility for spent nuclear fuel and other high-level radioactive waste.

  The site is located on federal land adjacent to the Nevada Test Site in Nye County, Nevada, approximately 80 miles northwest of the Las Vegas Valley. Federal funding for the site ended in 2011, which leaves US non-governmental entities, such as utilities, without any designated long-term storage site for the high level radioactive waste stored on site at various nuclear facilities around the country. The project was highly contested by the general public and many politicians. The Government Accountability Office stated that the closure was for political, not technical or safety reasons. The Department of Energy (DOE) is reviewing other options for a high-level waste repository and a commission established by the Secretary of Energy released its final report in January 2012. It expressed urgency to find a consolidated, geological repository, and that any future facility should be developed by a new independent organization with direct access to the Nuclear Waste Fund, that is not subject to political and financial control like the DOE.

- Served as project manager for a ESA on a historic motel in Dalton, IL. Upon site inspection, four pipes of unknown purpose and/or use were observed. At each location was an approximately 1½-inch diameter J-shaped pipe protruding from the ground near a pipe at ground level. The piping was determined to be associated to two underground storage tanks.

Publications

Contributor in the production of the Environmental Impact Statement for the U.S. Department of Energy's Yucca Mountain High-Level Nuclear Waste Storage project License Application Design Selection, 2002.

Education

A.S. in Fire Science Technology, College of San Mateo
B.A. in Environmental Studies, California State University, Hayward (Cal State East Bay)

Registrations

Registered Environmental Property Assessor (REPA) with the National Registry for Environmental Professionals, Cert. #615601

Training

Wood Destroying Pest Certification
Lead Based Paint and Asbestos trained
Sustainable/Green Business trained

Highlights

Over 20 years of experience in the environmental consulting industry
Site Mitigation
Phase I Environmental Site Assessments
Property Condition Reports

Experience Summary

Mr. Petersen has over 20 years of experience in the environmental consulting industry and has worked in various disciplines, including: site mitigation, environmental health and safety, regulatory compliance, construction monitoring, subsurface investigation, and environmental and engineering due diligence practices, including Phase I ESAs and PCAs. Mr. Petersen's primary area of expertise is in the environmental due diligence field, where he has performed and managed thousands of environmental due diligence projects throughout the country.

Mr. Petersen has conducted and managed Phase I ESAs on open space, agricultural land, industrial facilities, office buildings and complexes, multi-family developments, government installations, public right-of-ways, shopping malls, retail strips, telecommunication tower sites, service stations, drycleaner facilities and hospitality properties. Most notably, Mr. Petersen has managed due diligence portfolios for varied and demanding clients. In additions to these duties, Mr. Petersen has developed scopes of work, prepared proposals, managed, mentored and trained junior staff, and has regularly provided detailed reports within strict deadlines.

Mr. Petersen is familiar with all aspects of due diligence property assessments and reporting standards, including Fannie Mae DUS and Freddie Mac HUD, and is especially knowledgeable on EPA's All Appropriate Inquiry and ASTM E1527-05. In addition, he has worked with diverse client groups with unique client-specific scopes of work and reporting requirements.

Mr. Petersen has completed thousands of Phase I ESAs on multi-family properties, commercial office buildings, shopping centers, gasoline stations, hotels, dry cleaners, auto repair shops, and industrial facilities. Areas of concern included former chemical storage/transfer areas, areas of drainage/deteriorated piping, historical groundwater dispersion wells, and former underground storage tanks systems.

Mr. Petersen has reviewed and evaluated hundreds of third-party Phase I reports.

Currently, Mr. Petersen provides management and QA/QC expertise of Phase I ESAs, transaction screens, and other product types, and is extensively involved in project management and client communications, maintaining an emphasis on providing exemplary client service. Mr. Petersen is responsible for ensuring consistency and quality of due diligence services and ensuring that client-specific requirements are met, as well as the requirements of ASTM and AAI standards. In addition, Mr. Petersen also provides research on specific markets in order to support growth of Partner's expanding client base.

Project Experience

Mr. Petersen has worked with national and regional lenders, banks, investors, equity stakeholders, industry, local governments and property owners, including, but not limited to:

- Bank of America
- Deutsche Bank
- City of San Carlos
- Applied BioSystems
- NorthMarq Capital
- Wells Fargo
- Terra-Gen Power
- Morgan Stanley
- EastWest Bank
- Genentech
- Met Life
- ReGen
- US Bank
- GE Capital
- American Tower
- Legacy Partners
- SR Commercial
- ClubCorp
- NetREIT

Finally, Mr. Petersen's role of managing projects across industrial, residential, retail, and commercial environments, as well as his diverse project experience, is a major contribution to Partner Engineering and Science's Project Management team.

Contact

TPetersen@partneresi.com

Education

Bachelor of Arts, Public Administration & Economics, San Diego State University
Executive MBA Program, 2000-2003

Highlights

Over 20 years of experience in the environmental and engineering consulting industry
Property Condition Assessments (PCAs)
Fannie Mae, Freddie Mac, and HUD due diligence

Experience Summary

Mr. Lambson is a true veteran of the commercial real estate services industry. He has over 20 years of experience managing and performing environmental and engineering consulting projects on a national level. Mr. Lambson serves as a Principal for Partner and is located in Partner's San Diego County office. Mr. Lambson currently provides client management and consulting to a nationwide client base and specializes in advising "equity" clients during the acquisition phase of commercial property transactions in the U.S., Mexico, and Canada.

Mr. Lambson has assisted clients on over 10,000 commercial real estate transactions throughout his career. His due diligence resume includes experience at all levels, and includes advising REITs, developers, property managers, retail companies, commercial real estate brokers, mortgage brokers, attorneys, lenders, universities, and real estate investment groups with the following nationwide services:

- Property Condition Assessments (PCAs)
- Individual Building System Inspections for Roof, Mechanical Electrical Plumbing (MEP), Elevator, Structure, Façade, and ADA/Accessibility
- Phase I Environmental Site Assessments (ESAs)
- Phase II Subsurface Investigations (Soil and groundwater sampling and analysis)
- Phase III Environmental Remediation Services
- Asbestos, Lead, Radon, Mold Sampling
- Seismic and Structural Assessments (PMLs)
- Energy Audits, Benchmarking, AB1103 Energy Disclosure, and LEED-related services
- Hydrology, Water Conservation and Efficiency
- Fannie Mae / Freddie Mac / HUD Due Diligence
- Geotechnical and Soils Reports
- Zoning Reports
- ALTA Surveys

Building Sciences

Property Condition Assessment, MEP Report, Roof Report, Elevator Report, Structural and Seismic Assessment for a high-profile Class A office campus acquisition in the San Francisco Bay Area

ADA Compliance and Accessibility Reviews for a national bank branch portfolio

Fannie Mae Property Condition / Physical Needs Assessment services for a 5400-unit multifamily portfolio in Nevada

Environmental Assessments
Phase I and Phase II Environmental Assessments for a 75-acre aerospace facility in the Northwest United States

Over 500 Phase I Environmental Site Assessments for a national fast-food chain

Environmental consulting for over 1 million acres of desert land in California, Nevada, and Arizona

Land Surveys
ALTA Surveys for 2400-unit apartment portfolio in the Midwest

Multi-Site Portfolios
113-site office portfolio acquisition for a national REIT

122-site hotel portfolio for a national lending institution

55-site hotel portfolio acquisition for a private investment group

68-site healthcare portfolio acquisition for a national REIT

50-site country club/golf course acquisition for a private investment group

Energy and Water Efficiency
Energy & Water consulting for a national property owner that operates and manages 30 retail and office centers on the West Coast and Texas

Affiliations

National Association of Real Estate Investment Trusts (NAREIT)
International Council of Shopping Centers (ICSC)
U.S Green Building Council (USGBC)
Society of Industrial and Office Realtors, San Diego County (SIOR)
National Association of Industrial & Office Parks, Southern California (NAIOP)
San Diego Habitat Conservancy, Board of Directors. 2010 - 2014

Speaking

Bisnow Conference, Panel Moderator, La Jolla, CA, October 2014. Moderated panel on Southern California Real Estate Trends.

Globestreet, ICSC Western States Conference, San Diego, CA May 2013. Video interview regarding retail real estate trends and due diligence.

Publications

Shopping Centers Today, 2010. Authored article on LEED applications for shopping centers and retail assets.

Contact

mlambson@partneresi.com

CITY OF CHULA VISTA OFFICE OF THE CITY CLERK CORRESPONDENCE

From: CHULAVISTACA Support
To: O"Neal, Allison
Subject: [Records Center] City Records Request :: R000783-062321
Date: Thursday, July 1, 2021 10:27:20 AM

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

--- Please respond above this line ---

RE: PUBLIC RECORDS REQUEST of June 23, 2021., Reference # R000783-062321.

Dear Allison ONeal,

The City of Chula Vista is in receipt of your June 23, 2021 request for the following public records pursuant to the California Public Records Act ("CPRA") (Cal. Gov. Code section 6250 et seq.):

"Hello, Please send all Fire department and industrial waste water records in regards to hazardous materials/wastes, underground or aboveground storage tanks, and unauthorized releases or spills in regards to 517 Shinohara Lane, Chula Vista, CA 91911 APN 644-040-01. Thank you."

I have been informed by staff that there are no responsive records to your request. I have also been informed by staff that they believe that they have fully responded to your request; however, if you need additional information I will assist you in your efforts pursuant to Government Code section 6253.1. Please contact the County of San Diego for wastewater records.

Should you have any questions please feel free to email this response directly.

Sincerely,
City Clerk Records Staff

BUILDING DEPARTMENT

From: Daniel Medina on behalf of BuildingDivision
To: O"Neal, Allison
Subject: RE: Building Permit Records Request - 517 Shinohara Lane
Date: Tuesday, July 6, 2021 2:21:25 PM

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Allison O'Neal,

No building permits for the 517 Shinohara were found nor for APN 64404001.

Thank you,

Daniel A. Medina
City of Chula Vista
DSD - Building Division
276 Fourth Avenue
Chula Vista, CA 91910
619-409-3882

From: O'Neal, Allison <AONeal@scsengineers.com>
Sent: Wednesday, June 23, 2021 8:52 AM
To: BuildingDivision <BuildingDivision@chulavistaca.gov>
Subject: Building Permit Records Request - 517 Shinohara Lane

Warning: External Email Hello,

Please send all building permits for 517 Shinohara Lane, Chula Vista, CA, APN 644-040-01, from 1900 to present, or let me know if there are no records.

Thank you,

Allison O'Neal
Staff Professional
SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123 USA
858-583-7763 (W)
858-287-0277 (C)
aoneal@scsengineers.com

Driven by Client Success
www.scsengineers.com



Records

Show on Map

Showing 0-0 of 0

Date	Permit #	Permit Type	Permit Description	Project Name	Status	Action	Short Note
No records found.							

Search for Records

Enter only one of the information below to search for records:

- Permit #; or
- Address ; or
- Parcel #; or
- State Contractor License #.

General Search

General Search

Search my records only

Search All Records

Permit #:

Permit Type: --Select--

Start Date: 01/01/1990

End Date: 06/23/2021

Contractor State License #

Business Name

Street #: Fr - To

Direction: --Select--

Street Name:

Street Type: --Select--

Unit #:

City:

State:

Zip:

Parcel #: 644-040-01

Search Clear

Notice:
Your search returned no results. Please modify your search criteria and try again.

Copyright © 2018 | City of Chula Vista, CA | Building Division | Planning Division | Permits | All Rights Reserved

From: O"Neal, Allison
To: buildingdivision@ci.chula-vista.ca.us
Subject: Building Permit Records Request - 517 Shinohara Lane
Date: Wednesday, June 23, 2021 8:51:00 AM

Hello,

Please send all building permits for 517 Shinohara Lane, Chula Vista, CA, APN 644-040-01, from 1900 to present, or let me know if there are no records.

Thank you,

Allison O'Neal
Staff Professional
SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123 USA
858-583-7763 (W)
858-287-0277 (C)
aoneal@scsengineers.com

Driven by Client Success
www.scsengineers.com

AIR POLLUTION CONTROL DISTRICT CORRESPONDENCE

From: LUEG, APCDPermits
To: O"Neal, Allison
Subject: RE: APCD Records Request - 517 Shinohara Lane
Date: Thursday, June 24, 2021 10:52:57 AM

This email originated from outside of SCS Engineers. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Allison,

There is no record for 517 Shinohara Lane, Chula Vista, CA 91911.

Thank you,

Radley Salamat | Air Pollution Control Aide | 858-586-2816

From: O'Neal, Allison <AONeal@scsengineers.com>
Sent: Wednesday, June 23, 2021 9:12 AM
To: Morrison, Freddie <Freddie.Morrison@sdcounty.ca.gov>
Subject: APCD Records Request - 517 Shinohara Lane

Hello,

Please send all APCD records for 517 Shinohara Lane, Chula Vista, CA 91911, APN 644-040-01 or let me know if there are no records.

Thank you,

Allison O'Neal
Staff Professional
SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123 USA
858-583-7763 (W)
858-287-0277 (C)
aoneal@scsengineers.com

Driven by Client Success
www.scsengineers.com

REGIONAL WATER QUALITY CONTROL BOARD RECORDS

304209

State of California
State Water Resources Control Board

NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQ Order No. 92-08-DWQ)

MARK ONLY ONE ITEM	1. ☒ Ongoing Construction	3. ☐ Change of Information
	2. ☐ New Construction	WDID #

I. OWNER

Name			Contact Person
Cushman Lawrence M & Stephen P			Lawrence M Cushman
Local Mailing Address			**Title**
2901 Fifth Avenue			Owner
City	**State**	**Zip**	**Phone**
San Diego	CA	92103-	619-299-4160

II. CONSTRUCTION SITE INFORMATION

A. Developer			Contact Person
Cushman Lawrence M & Stephen P			Lawrence M Cushman
Local Mailing Address			**Title**
2901 Fifth Avenue			Owner
City	**State**	**Zip**	**Phone**
San Diego	CA	92103-	619-299-4160
B. Site Address			**County**
517 Shinohara Lane			San Diego
City	**State**	**Zip**	**Phone** N/A
Chula Vista	CA	91911-	- -

C. Is the construction site part of a larger common plan of development or sale ? ☐ Yes ☒ No — If yes, name of plan or development

D. Construction commencement date	MM DD YY	E. Projected construction completion date	MM DD YY
	03 04 92		Unknown

III. BILLING ADDRESS

Send to:
☒ OWNER ☐ DEVELOPER
☐ OTHER *(Enter information at right)*

Name		
Lawrence M & Stephen P Cushman		
Mailing Address		
2901 Fifth Avenue		
City	**State**	**Zip**
San Diego	CA	92103-

IV. RECEIVING WATER INFORMATION

A. Does your construction site's storm water discharge to: (Check one)

1. ☐ Storm drain system - Enter system owners name
2. ☒ Directly to waters of U.S. (e.g., river, lake, creek, ocean)
3. ☐ Indirectly to waters of U.S.

B. Name of closest receiving water: Otay River

DEC 1994
RECEIVED
DIVISION OF
WATER QUALITY
OFFICE

STATE USE ONLY

WDID:

Date Permit Issued:

NPDES CA

9 37S304209 REGION:9 ISSUED:08/20/92
NPDES:CAS000002 ORDER:92-008 $250
DATE: 12/15/94
CK#:1158 - $250.00

PERMIT ISSUED

nt Received:

Date NOI Received:

3/20/92

WILLIAM A. STEEN & ASSOCIATES
8580 La Mesa Blvd. Suite 102
LA MESA, CALIFORNIA 91941

Phone (619) 460-9000
FAX (619) 460-9005

LETTER OF TRANSMITTAL

DATE	JOB NO.
12/5/94	6219

ATTENTION

RE: 517 Shinohara Lane
Chula Vista, CA 92103

TO State Water Resources Control Board
P.O. Box 160
Sacramento, CA 95812-0100

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via mail the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
		1	Notice of Intent
		1	check for $250.00

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit_____copies for approval
☐ For your use ☐ Approved as noted ☐ Submit_____copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return_____corrected prints
☑ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19_____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS Please process this notice of intent and mail send us a response letter with the WDID no.

thank you

COPY TO _____

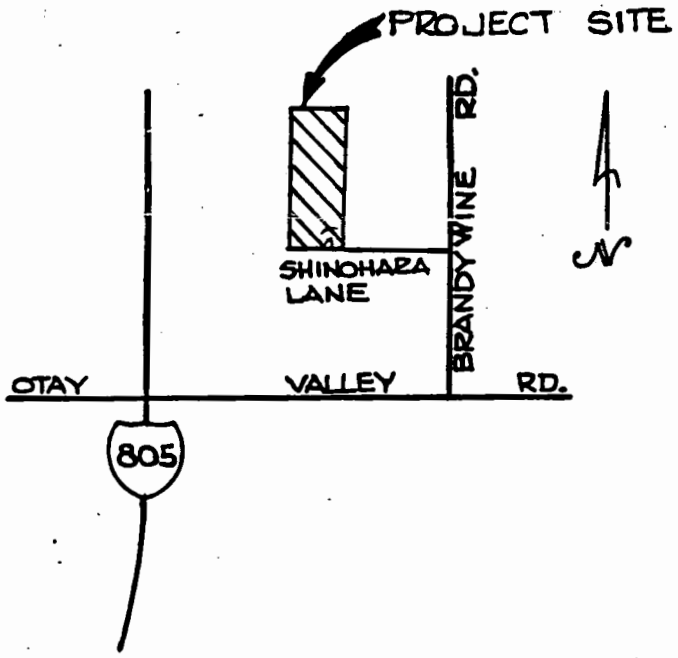
SIGNED: Melissa Tancil

40% Pre-Consumer Content • 10% Post-Consumer Content

If enclosures are not as noted, kindly notify us at once.

PRODUCT 240 NEBS Inc., Groton, Mass. 01471.

304209



VICINITY MAP

NO SCALE

SITE ADDRESS

517 SHINOHARA LANE
CHULA VISTA, CA 91911

OWNER

LAWRENCE M. CUSHMAN
STEPHEN P. CUSHMAN
2901 FIFTH AVE.
SAN DIEGO, CA 92103

Cal/EPA

California
Regional Water
Quality Control
Board, San Diego
Region

9771 Clairemont Mesa
Blvd., Suite A
San Diego, CA 92124
(619) 467-2952
FAX (619) 571-6972

Pete Wilson
Governor

Lawrence M Cushman

September 29, 1997

Cushman Lawrence M & Stephen P
2901 Fifth Avenue
San Diego, Ca. 92103

Dear Lawrence M Cushman:

YOUR RAINY SEASON RESPONSIBILITIES, 1997-1998

As a permittee under the statewide General Construction Storm Water Permit, you are responsible throughout the entire year for preventing pollutants from leaving your site(s). Extremely high precipitation, as a result of El Nino conditions, has been forecast for the upcoming winter. In the attached article, Scripps' scientists predict up to "three times normal rainfall". Historically, in the San Diego Region, El Nino conditions have resulted in significant water quality problems as a result of rainfall induced discharges of pollutants (e.g., sediment, petroleum products, fertilizers, heavy metals, bacteria, pesticides, etc.) to our natural water resources (e.g., creeks, bays, coastal lagoons, and Pacific Ocean).

Accordingly, I am requesting that you take extra precautions to prepare your construction site(s) immediately. Appropriate measures shall include, but are not limited to:

- **PREVENT** erosion by stabilizing all exposed soil, particularly on slopes. Stabilize with vegetation, matting, or other physical means.
- Back up erosion "prevention" measures with erosion "control" measures. Ensure erosion control measures are adequate, in place, and in operable condition. Protect storm drain inlets. Plan for the worst.
- Conduct pre- and post-storm inspections of erosion prevention and control measures for integrity.
- Maintain all erosion prevention and control measures throughout the season and replace as needed. Keep replacement supplies on hand.
- Ensure grading plans are fully implemented.
- Ensure all site personnel are trained in erosion prevention and control techniques as well as in their responsibilities under the statewide General Construction Storm Water Permit.
- Review, upgrade, and fully implement your site-specific Storm Water Pollution Prevention Plan consisting of best management practices for <u>all</u> pollutants, including those other than sediment.

Our records indicate that you are responsible for the following construction site(s):

SITE ADDRESS	WDID NO.
517 Shinohara Lane **Chula Vista**	**9 37s304209**

There are numerous resources and guidance documents available to assist you in preparing your site(s). For example the local Resource Conservation District (RCD) can provide invaluable guidance on erosion issues. Furthermore, it may be possible for staff of the San Diego Regional Water Quality Control Board, the RCD, your City or County, the State Water Resources Control Board, or the United States Environmental Protection Agency to assist you in conducting site inspections or assessing compliance.

To get more information, or if you have any questions about this letter or your responsibilities under the statewide General Construction Storm Water Permit, please contact Ms. Sayra Ramos of my staff at (619) 467-2959.

Sincerely,

John H. Robertus
Executive Officer

cc: your City or County

s/storm/deb/elnino

WILLIAM A. STEEN & ASSOCIATES
8580 La Mesa Blvd. Suite 102
LA MESA, CALIFORNIA 91941

Phone (619) 460-9000
Fax (619) 460-9005

LETTER OF TRANSMITTAL

DATE 12/10/2007	JOB NO. 6219-101
ATTENTION:	
RE: 517 Shinohara Lane, Chula Vista, CA	
WDID #9 37S304209	

TO: California Regional Water Quality Control Board
9174 Sky Park Court, Ste. 100
San Diego, CA 92123-4340

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via Mail the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD
2007 DEC 14 P 1:09

COPIES	DATE	NO.	DESCRIPTION
1			Notice of Termination
1	12-06-07		Photographic Survey Key Map and Photos

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for correction ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 20__ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS

COPY TO

SIGNED: Melissa McVey

If enclosures are not as noted, kindly notify us at once

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD
2007 DEC 14 P 1:09

State of California
State Water Resources Control Board

NOTICE OF TERMINATION

OF COVERAGE UNDER THE NPDES GENERAL PERMIT NO. CAS000002
FOR DISCHARGES OF STORM WATER
ASSOCIATED WITH CONSTRUCTION ACTIVITY

Submission of this Notice of Termination constitutes notice that the owner (and his/her agent) of the site identified on this form is no longer authorized to discharge storm water associated with construction activity by NPDES General Permit No. CAS000002.

I. **WDID NO.** 9 37S304209

II. **OWNER**

COMPANY NAME Cushman, Lawrence M. & Stephen P. CONTACT PERSON Lawrence M. Cushman

STREET ADDRESS 2901 Fifth Avenue TITLE Owner

CITY San Diego STATE CA ZIP 92103 PHONE 619-299-4160

III. **CONSTRUCTION SITE INFORMATION**

A. DEVELOPER NAME Cushman, Lawrence M. & Stephen P. CONTACT PERSON Lawrence M. Cushman

STREET ADDRESS 2901 Fifth Avenue TITLE Owner

CITY San Diego CA ZIP 92103 PHONE 619-299-4160

B. SITE ADDRESS 517 Shinohara Lane COUNTY San Diego

CITY Chula Vista CA ZIP 92111 PHONE N/A

IV. **BASIS OF TERMINATION**

x 1. The construction project is complete and the following conditions have been met.

- All elements of the Storm Water Pollution Prevention Plan have been completed.
- Construction materials and waste have been disposed of properly.
- The site is in compliance with all local storm water management requirements.
- A post-construction storm water operation and management plan is in place.

Date of project completion 11 / 26 / 07

_____ 2. Construction activities have been suspended, either temporarily _____ or indefinitely _____ and the following conditions have been met.

- All elements of the Storm Water Pollution Prevention Plan have been completed.
- Construction materials and waste have been disposed of properly.
- All denuded areas and other areas of potential erosion are stabilized.
- An operation and maintenance plan for erosion and sediment control is in place.
- The site is in compliance with all local storm water management requirements.

Date of suspension _____/_____/_____ Expected start up date _____/_____/_____

_____ 3. Site can not discharge storm water to waters of the United States (check one).

SEND TO YOUR LOCAL RWQCB FOR APPROVAL

_____ All storm water is retained on site.

_____ All storm water is discharged to evaporation or percolation ponds offsite.

_____ 4. Discharge of storm water from the site is now subject to another NPDES general permit or an individual NPDES permit.

NPDES Permit No._____ Date coverage began ____/____/____

_____ 5. There is a new owner of the identified site. Date of owner transfer ____/____/____

Was the new owner notified of the General Permit requirements? YES ____ NO ____

NEW OWNER INFORMATION

COMPANY NAME _____ CONTACT PERSON

STREET ADDRESS _____ TITLE

CITY _____ STATE _____ ZIP _____ PHONE

V. EXPLANATION OF BASIS OF TERMINATION (Attach site photographs - see instructions).

The site is no longer required to comply with the General Permit because the construction project has been completed, construction materials and waste have been disposed of, the site is in compliance with the stormwater management requirements of the City of Chula Vista and a post-construction stormwater operation and management plan entitled "Technical Report for 517 Shinohara Lane, Chula Vista, California", dated November 24, 2004 is in place. See attached photographs of the site.

VI. CERTIFICATION:

I certify under penalty of law that all storm water discharges associated with construction activity from the identified site that are authorized by NPDES General Permit No. CAS000002 have been eliminated or that I am no longer the owner of the site. I understand that by submitting this Notice of Termination, I am no longer authorized to discharge storm water associated with construction activity under the general permit, and that discharging pollutants in storm water associated with construction activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this Notice of Termination does not release an owner from liability for any violations of the general permit or the Clean Water Act.

PRINTED NAME Lawrence M. Cushman TITLE Owner

→ SIGNATURE: _____ DATE ____/____/____ ←

REGIONAL WATER BOARD USE ONLY

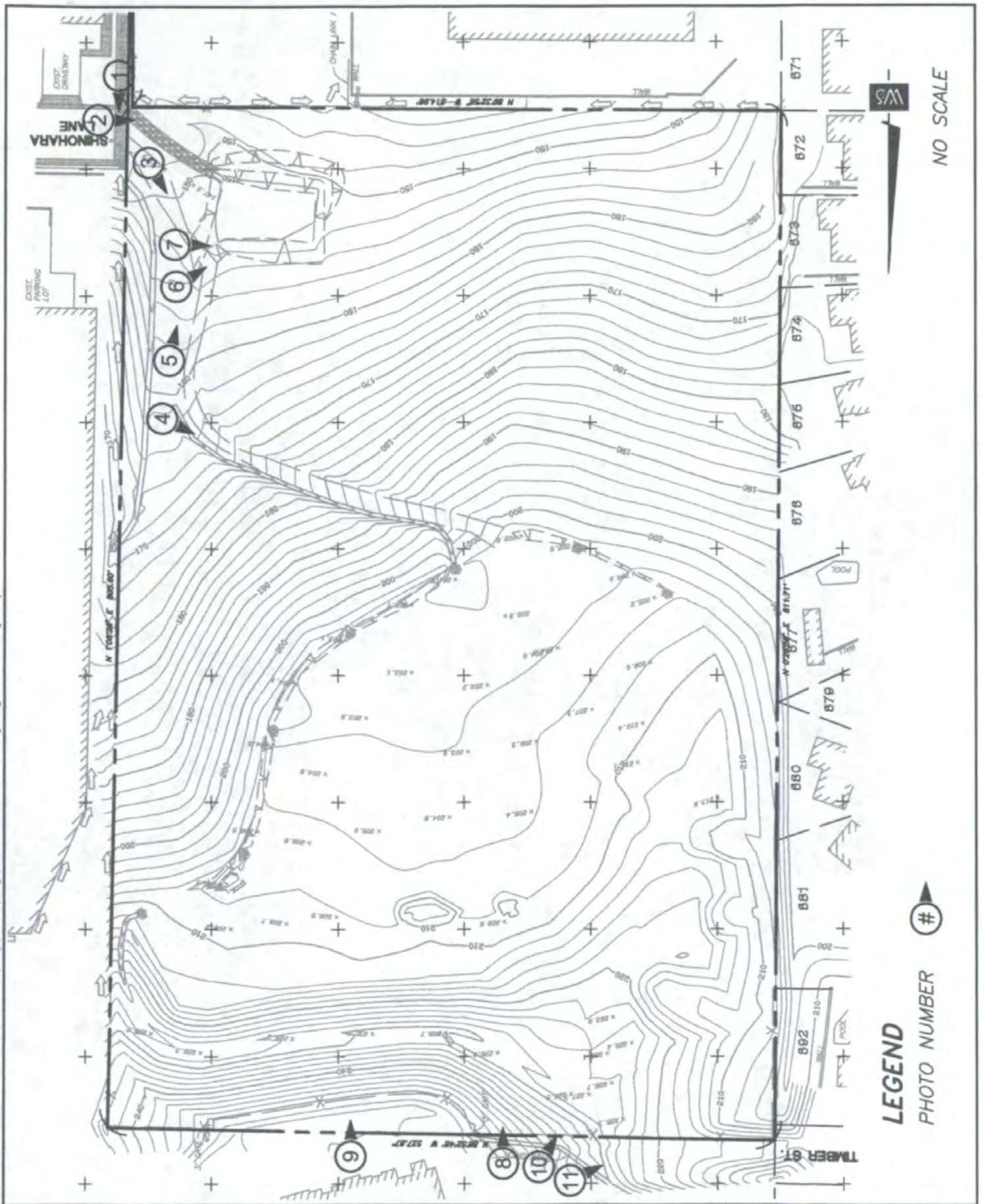
This Notice of Termination has been reviewed, and I recommend termination of coverage under the subject NPDES general permit.

Printed Name _____ Region No. _____

Signature _____ Date ____/____/____

NOT effective date:

Date: ____/____/____



DATE/TIME: December 06, 2007 - 1:47pm FILE: G:\Proj\6219\Dwg\6219-101 Photo Survey.dwg LAYOUT: Key Map

TITLE:	PHOTOGRAPHIC SURVEY KEY MAP		
DATE: 12-06-07	JOB NAME: 517 SHINOHARA LN, CHULA VISTA, CA		
JOB NO.: 6219-101	PROJ. ENGR.: WILLIAM A. STEEN	SHT. 1 OF 7	

WILLIAM A. STEEN & ASSOCIATES
CONSULTING CIVIL ENGINEERS, LAND SURVEYING & PLANNING
8580 LA MESA BLVD., SUITE 102, LA MESA, CALIFORNIA 91941
■ (619) 460-9000 ■ FAX (619) 460-9005 ■



PHOTO 1



PHOTO 2

DATE: 12-06-07	SHT. 2 OF 7
JOB NO.: 6219-101	JOB NAME: 517 SHINOHARA LN, CHULA VISTA, CA

WILLIAM A. STEEN & ASSOCIATES
CONSULTING CIVIL ENGINEERS, LAND SURVEYING & PLANNING
8580 LA MESA BLVD., SUITE 102, LA MESA, CALIFORNIA 91941
■ (619) 460-9000 ■ FAX (619) 460-9005 ■

DATE/TIME: December 06, 2007 - 1:47pm FILE: G:\Proj\6219\Dwg\6219-101 Photo Survey.dwg LAYOUT: Photos



PHOTO 3



PHOTO 4

DATE: 12-06-07	SHT. 3 OF 7
JOB NO.: 6219-101	JOB NAME: 517 SHINOHARA LN, CHULA VISTA, CA

WILLIAM A. STEEN & ASSOCIATES
CONSULTING CIVIL ENGINEERS, LAND SURVEYING & PLANNING
8580 LA MESA BLVD., SUITE 102, LA MESA, CALIFORNIA 91941
■ (619) 460-9000 ■ FAX (619) 460-9005 ■

DATE/TIME: December 06, 2007 - 1:47pm FILE: G:\Proj\6219\Dwg\6219-101 Photo Survey.dwg LAYOUT: Photos



PHOTO 5



PHOTO 6

DATE: 12-06-07 | SHT. 4 OF 7

JOB NO.: 6219-101 | JOB NAME: 517 SHINOHARA LN, CHULA VISTA, CA

WILLIAM A. STEEN & ASSOCIATES
CONSULTING CIVIL ENGINEERS, LAND SURVEYING & PLANNING
8580 LA MESA BLVD., SUITE 102, LA MESA, CALIFORNIA 91941
■ (619) 460-9000 ■ FAX (619) 460-9005 ■

DATE/TIME: December 06, 2007 - 1:47pm FILE: G:\Proj\6219\Dwg\6219-101 Photo Survey.dwg LAYOUT: Photos



PHOTO 7



PHOTO 8

DATE: 12-06-07 | SHT. 5 OF 7

JOB NO.: 6219-101 | JOB NAME: 517 SHINOHARA LN, CHULA VISTA, CA

WILLIAM A. STEEN & ASSOCIATES
CONSULTING CIVIL ENGINEERS, LAND SURVEYING & PLANNING
8580 LA MESA BLVD., SUITE 102, LA MESA, CALIFORNIA 91941
■ (619) 460-9000 ■ FAX (619) 460-9005 ■

DATE/TIME: December 06, 2007 - 1:47pm FILE: G:\Proj\6219\Dwg\6219-101 Photo Survey.dwg LAYOUT: Photos



PHOTO 9



PHOTO 10

DATE: 12-06-07	SHT. 6 OF 7
JOB NO.: 6219-101	JOB NAME: 517 SHINOHARA LN, CHULA VISTA, CA

WILLIAM A. STEEN & ASSOCIATES
CONSULTING CIVIL ENGINEERS, LAND SURVEYING & PLANNING
8580 LA MESA BLVD., SUITE 102, LA MESA, CALIFORNIA 91941
■ (619) 460-9000 ■ FAX (619) 460-9005 ■

DATE/TIME: December 06, 2007 - 1:47pm FILE: G:\Proj\6219\Dwg\6219-101 Photo Survey.dwg LAYOUT: Photos

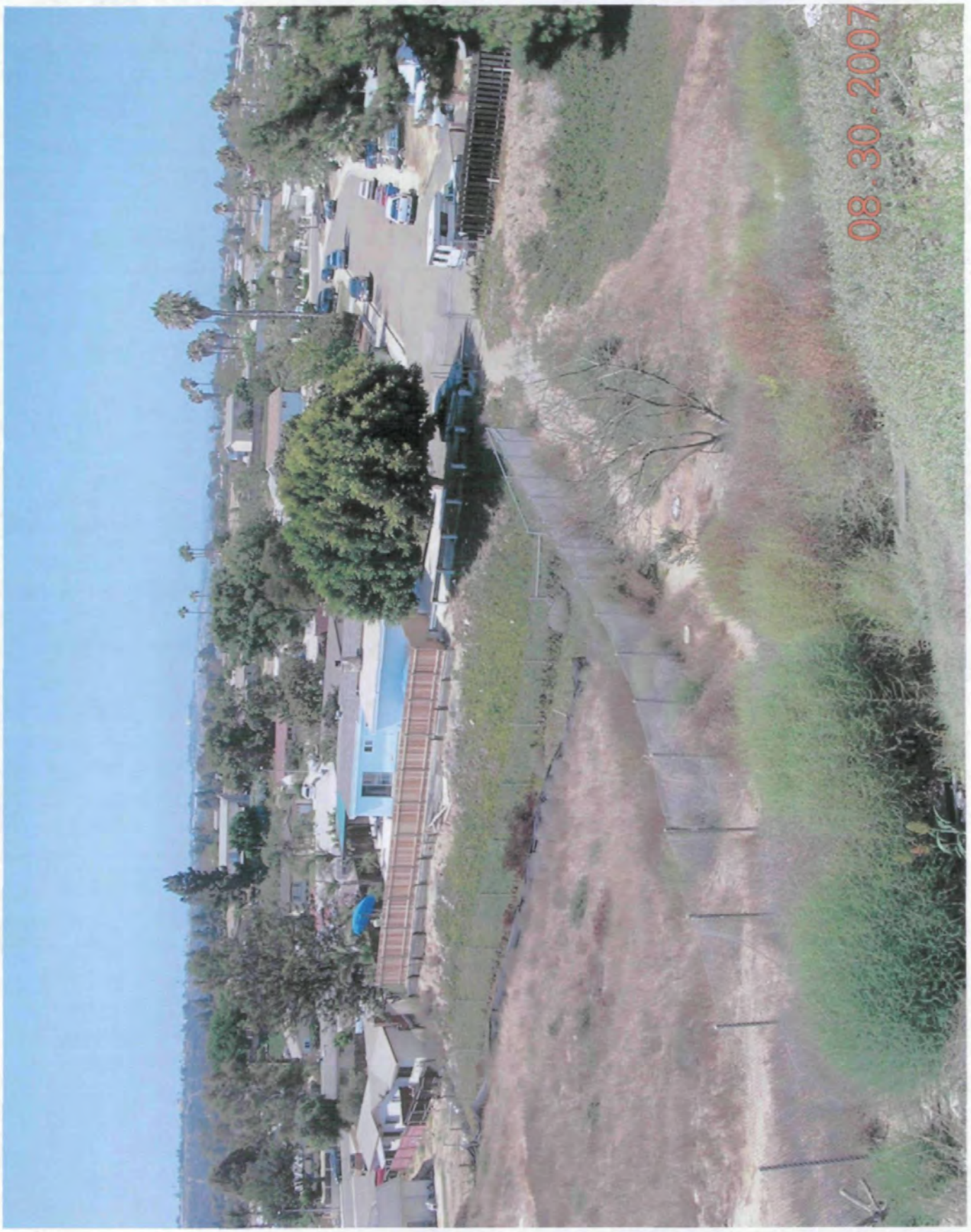


PHOTO 11

DATE: 12-06-07 | SHT. 7 OF 7

JOB NO.: 6219-101 | JOB NAME: 517 SHINOHARA LN, CHULA VISTA, CA

WILLIAM A. STEEN & ASSOCIATES
CONSULTING CIVIL ENGINEERS, LAND SURVEYING & PLANNING
8580 LA MESA BLVD., SUITE 102, LA MESA, CALIFORNIA 91941
■ (619) 460-9000 ■ FAX (619) 460-9005 ■

DATE/TIME: December 06, 2007 - 1:47pm FILE: G:\Proj\6219\Dwg\6219-101 Photo Survey.dwg LAYOUT: Photos

California Regional Water Quality Control Board

San Diego Region

9174 Sky Park Court, Suite 100 San Diego, California 92123
Phone: 858-467-2952 Fax: 858-571-6972 Email: stormwater@waterboards.ca.gov
http://www.waterboards.ca.gov/sandiego

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

RF

December 20, 2007

Lawrence m Cushman
Cushman Lawrence M & Stephen P
2901 5th Ave
San Diego CA 92103

WDID Number: 9 37C304209

Site/Facility Info: 517 Shinohara Lane
517 Shinohara Lane
Chula Vista CA 91911

Review Date: 12/20/2007

Termination Date: **12/14/2007**

Dear Permittee:

This letter is to inform you that we have approved the Notice of Termination (NOT) of Coverage under the Statewide Storm Water General Permit for WDID number as referenced above. Please keep this letter as proof of termination under the Statewide Storm Water General Permit. Should site conditions change such that coverage under the Storm Water General Permit is again necessary, you must submit a new Notice of Intent, site map, and appropriate fee.

Please note if there are applicable unpaid invoice(s) when the NOT is approved, all outstanding invoices are required to be paid in full. If you have any questions regarding fees, please contact the Fee Unit at (916) 341-5247.

If you have any further questions, please contact the California Regional Water Quality Control Board, San Diego Region at 858-467-2952.

Sincerely,

Dat Quach
San Diego Region

12/26/2007

ENVIRONMENTAL REGULATORY DATABASE REPORT

517 Shinohara Lane
517 Shinohara Lane
Chula Vista, CA 91911

Inquiry Number: 6549730.2s
June 24, 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	790
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-14
Physical Setting Source Map Findings	A-16
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

517 SHINOHARA LANE
CHULA VISTA, CA 91911

COORDINATES

Latitude (North):	32.5974620 - 32° 35' 50.86''
Longitude (West):	117.0314380 - 117° 1' 53.17''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	497049.9
UTM Y (Meters):	3606473.8
Elevation:	204 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5622818 IMPERIAL BEACH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140805
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
517 SHINOHARA LANE
CHULA VISTA, CA 91911

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	517 SHINOHARA LANE	517 SHINOHARA LANE	CA CIWQS		TP
A2	BRANDYWINE DISTRIBUT	1670 & 1690 BRANDYWI	CA WMUDS/SWAT	Lower	89, 0.017, SE
A3	BRANDYWINE DISTRIBUT	1670 & 1690 BRANDYWI	CA CPS-SLIC, CA CERS	Lower	258, 0.049, SE
B4	TAP MANUFACTURING, L	1670 BRANDYWINE AVE	RCRA NonGen / NLR	Lower	312, 0.059, ENE
B5	PROCOMP	1670 BRANDYWINE AVE	RCRA NonGen / NLR	Lower	312, 0.059, ENE
B6	TRANSPERE, LLC	1670 BRANDYWINE AVE	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Lower	312, 0.059, ENE
B7	TECNICO CORPORATION	1670 BRANDYWINE AVE	RCRA NonGen / NLR	Lower	312, 0.059, ENE
B8	TRANSPERE, LLC	1670 BRANDYWINE AVE	RCRA-SQG	Lower	312, 0.059, ENE
C9	LYON TECHNOLOGIES IN	1690 BRANDYWINE AVE	RCRA NonGen / NLR	Lower	430, 0.081, SE
B10	RAYCHEM CORP	1669 BRANDYWINE AVE	RCRA NonGen / NLR, FINDS, ECHO, CA HAZNET, CA HWTS	Lower	444, 0.084, ENE
D11	CODE A PHONE CORP	1675 BRANDYWINE AVE	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA HWTS	Lower	446, 0.084, ESE
D12	CHULA VISTA OWNER LL	1675 BRANDYWINE AVE	RCRA-VSQG	Lower	446, 0.084, ESE
D13	CURTISS-WRIGHT - FLE	1675 BRANDYWINE AVEN	RCRA-SQG	Lower	446, 0.084, ESE
D14	CURTISS-WRIGHT - FLE	1675 BRANDYWINE AVE	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Lower	446, 0.084, ESE
D15	ANTEON CORPORATION	1675 BRANDYWINE STE	RCRA-VSQG, FINDS, ECHO	Lower	446, 0.084, ESE
E16	NYPRO SAN DIEGO INC	505 OTAY VALLEY RD	RCRA-SQG, FINDS	Lower	450, 0.085, South
E17	NYPRO SAN DIEGO	505 MAIN ST	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS...	Lower	450, 0.085, South
E18	CALIBER COLLISION CE	515 MAIN ST	RCRA NonGen / NLR	Lower	452, 0.086, South
E19	PFCV LLC DBA PENSKE	515 MAIN ST	RCRA NonGen / NLR	Lower	452, 0.086, South
E20	FORD COLLISION CENTE	515 MAIN	CA CERS HAZ WASTE, CA CERS	Lower	452, 0.086, South
E21	CDK AUTOMOTIVE GROUP	515 MAIN ST	RCRA NonGen / NLR	Lower	452, 0.086, South
22	TIMM, GARY	1585 MENDOCINO DR UN	RCRA NonGen / NLR	Higher	549, 0.104, North
C23	HYSPAN PRECISION PRO	1685 BRANDYWINE AVE	CA HIST UST	Lower	569, 0.108, SE
C24	HYSPAN PRECISION PRO	1685 BRANDYWINE AVE	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Lower	569, 0.108, SE
C25	HYSPAN PRECISION PRO	1685 BRANDYWINE AVE	CA SWEEPS UST	Lower	569, 0.108, SE
E26	AT&T CALIFORNIA - D3	490 MAIN CT	CA CERS HAZ WASTE, CA CERS	Lower	600, 0.114, South
E27	AT&T	490 MAIN STREET	RCRA NonGen / NLR	Lower	600, 0.114, South
28	JENNA CAMPOS	503 TAMARACK CT	RCRA NonGen / NLR	Higher	645, 0.122, NW
29	JO-BIE PRODUCTS COMP	516 TALLOW CT	RCRA-SQG, FINDS, ECHO	Higher	693, 0.131, NNW
F30	KIA OF CHULA VISTA	540 AUTO PARK DR	CA AST, CA San Diego Co. HMMD, CA CERS HAZ WASTE,...	Lower	724, 0.137, South
F31	FULLER FORD/HONDA	540/560 AUTO PARK DR	CA AST	Lower	724, 0.137, South
F32	PKCV LLC DBA PENSKE	540 AUTO PARK DR	RCRA NonGen / NLR	Lower	724, 0.137, South
F33	CDK AUTOMOTIVE GROUP	540 AUTO PARK DR	RCRA NonGen / NLR	Lower	724, 0.137, South
F34	FORD OF CHULA VISTA	560 AUTO PARK DR	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS...	Lower	733, 0.139, SSE
F35	FULLER FORD	560 AUTO PARK DR	RCRA-SQG, FINDS, ECHO, CA EMI, CA CERS	Lower	733, 0.139, SSE
F36	PFCV LLC DBA PENSKE	560 AUTO PARK DR	RCRA NonGen / NLR	Lower	733, 0.139, SSE
F37	CDK AUTOMOTIVE GROUP	560 AUTO PARK DR	RCRA NonGen / NLR	Lower	733, 0.139, SSE
F38	PARCEL 8	4705 OTAY VALLEY RD	SEMS-ARCHIVE	Lower	758, 0.144, SSE
G39	GABRIEL TOBIAS	1580 MENDOCINO DR #6	RCRA NonGen / NLR	Higher	826, 0.156, NNE

MAPPED SITES SUMMARY

Target Property Address:
517 SHINOHARA LANE
CHULA VISTA, CA 91911

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	GABRIEL TOBIAS	1580 MENDOCINO DR. U	RCRA NonGen / NLR	Higher	826, 0.156, NNE
H41	SHELL OIL INC	4555 OTAY VALLEYRD	CA SWEEPS UST	Lower	962, 0.182, SW
H42	SHELL	4555 AUTO PARK DR	CA LUST, CA SAN DIEGO CO. SAM, CA Cortese, CA SAN...	Lower	978, 0.185, SW
H43	OTTAY VALLEY	4555 MAIN ST	RCRA NonGen / NLR	Lower	991, 0.188, SW
H44	OTAY VALLEY SHELL	4555 MAIN STREET	RCRA NonGen / NLR	Lower	991, 0.188, SW
H45	AU ENERGY LLC DBA OT	4555 MAIN STREET	RCRA NonGen / NLR	Lower	991, 0.188, SW
H46	S & L SHELL MART	4555 MAIN ST	CA UST	Lower	991, 0.188, SW
47	RICK HAMRICK	460 TILIA CT	RCRA NonGen / NLR	Lower	1032, 0.195, WNW
I48	PHCV LLC DBA PENSKE	580 AUTO PARK DR	RCRA NonGen / NLR	Lower	1036, 0.196, SE
I49	PEOPLES CHEVROLET	580 AUTO PARK DR	RCRA-SQG, CA AST, CA San Diego Co. HMMD, CA CERS...	Lower	1036, 0.196, SE
I50	DESERT AUTO GROUP IV	580 AUTO PARK DR	RCRA NonGen / NLR	Lower	1036, 0.196, SE
J51	BANFIELD PET HOSPITA	1840 MAIN CT	RCRA NonGen / NLR	Lower	1055, 0.200, SSW
J52	PETSMART #1498	1840 MAIN CT	RCRA NonGen / NLR	Lower	1055, 0.200, SSW
J53	PETSMART #1498	1840 MAIN CT	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Lower	1055, 0.200, SSW
J54	BANFIELD PET HOSPITA	1840 MAIN CT	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA...	Lower	1055, 0.200, SSW
I55	SHINOHARA FARM	580 OTAY VALLEY RD	CA CPS-SLIC, CA San Diego Co. HMMD, CA CERS	Lower	1066, 0.202, SE
H56	OTAY VALLEY SHELL SV	455 OTAY VALLEY RD	CA HIST UST	Lower	1068, 0.202, SW
H57	KIDDIE KANDIDS #0060	4501 MAIN STREET	RCRA-SQG	Lower	1118, 0.212, SW
J58	ALDI #96	1850 MAIN CT	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS,...	Lower	1121, 0.212, SSW
J59	ALDI #96	1850 MAIN CT	RCRA NonGen / NLR	Lower	1121, 0.212, SSW
K60	KEITH JAMES	1559 OLEANDER AVENUE	RCRA NonGen / NLR	Lower	1168, 0.221, NNW
H61	L&S AUTO WRECKING	4984 OTAY VALLEY RD	CA SAN DIEGO CO. SAM, CA CPS-SLIC, CA San Diego...	Lower	1193, 0.226, SW
K62	ORTEGA, ANTONIO	1566 OLEANDER AVE	RCRA NonGen / NLR	Lower	1207, 0.229, NW
L63	SOUTH BAY MOTOR SPOR	1890 AUTO PARK PL	CA San Diego Co. HMMD, CA CERS HAZ WASTE, CA CERS	Lower	1262, 0.239, ESE
L64	DASB INC DBA DEL AMO	1890 AUTO PARK PL	RCRA NonGen / NLR	Lower	1262, 0.239, ESE
65	OMAR FORMER RENDERIN	1886 AUTO PARK PL	CA DEED, CA LDS, CA BOND EXP. PLAN, CA Cortese, CA...	Lower	1322, 0.250, East
66	SHINOHARA FARMS	4705 OTAY VALLEY RD	CA SWF/LF, CA LDS, CA SAN DIEGO CO LOP	Lower	1332, 0.252, South
67	OMAR RENDERING CO	4826 OTAY VALLEY RD	CA LUST	Lower	1644, 0.311, East
68	SHINOHARA II PROPERT	S OF 4700 BLK. MAIN	CA SWF/LF, CA CERS	Lower	1731, 0.328, South
69	APACHE SERV LDFL	4551 OTAY VLY RD NR	SEMS-ARCHIVE	Lower	1737, 0.329, SSW
M70	ARCO	4430 OTAY VALLEY RD	CA LUST	Lower	1911, 0.362, WSW
M71	ARCO	4430 OTAY VALLEY RD	CA SAN DIEGO CO. SAM, CA Cortese, CA SAN DIEGO CO...	Lower	1911, 0.362, WSW
N72	PACO'S TRUCK REPAIR	4501 OTAY VALLEY RD	CA SAN DIEGO CO. SAM, CA San Diego Co. HMMD	Lower	2013, 0.381, ESE
N73	VINCENT DAVIES PROPE	4501 OTAY VALLEY ROA	SEMS-ARCHIVE	Lower	2013, 0.381, ESE
74	DAVIES PROPERTY	NO ADDRESS	US BROWNFIELDS	Lower	2109, 0.399, SSW
75	NAKANO FARMS	4501 OTAY VALLEY RD	CA ENVIROSTOR, CA CPS-SLIC, CA San Diego Co. HMMD,...	Lower	2512, 0.476, ESE
76	APACHE SERVICES	4551 OTAY VALLEY ROA	CA ENVIROSTOR, CA BOND EXP. PLAN	Lower	2982, 0.565, ESE
O77	OTAY SANITARY LANDFI	OTAY VALLEY ROAD	CA ENVIROSTOR	Higher	4770, 0.903, ENE
O78	OTAY ANNEX SANITARY	1700 MAXWELL ROAD	CA ENVIROSTOR, CA SWF/LF, CA LDS, CA ENF, CA...	Higher	4789, 0.907, ENE

MAPPED SITES SUMMARY

Target Property Address:
517 SHINOHARA LANE
CHULA VISTA, CA 91911

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O79	OTAY LANDFILL INC.	1700 MAXWELL RD	CA SWF/LF, CA San Diego Co. HMMD, CA CERS HAZ...	Higher	4789, 0.907, ENE
O80	APPROPRIATE TECHNOLO	1700 MAXWELL RD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG, 2020	Higher	4789, 0.907, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
517 SHINOHARA LANE 517 SHINOHARA LANE CHULA VISTA, CA 91911	CA 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

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

Federal Delisted NPL site list

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

Federal CERCLIS list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

CA RESPONSE ---------- State Response Sites

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

CA VCP ---------- Voluntary Cleanup Program Properties
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CA BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Registered Storage Tanks

CA FID UST ---------- Facility Inventory Database

Local Land Records

CA LIENS ---------- Environmental Liens Listing
LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
CA CHMIRS ---------- California Hazardous Material Incident Report System
CA MCS ---------- Military Cleanup Sites Listing

CA SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA CUPA Listings	CUPA Resources List
CA DRYCLEANERS	Cleaner Facilities
CA ICE	ICE
CA HIST CORTESE	Hazardous Waste & Substance Site List
CA HWT	Registered Hazardous Waste Transporter Database
CA MINES	Mines Site Location Listing
CA MWMP	Medical Waste Management Program Listing
CA PEST LIC	Pesticide Regulation Licenses Listing
CA PROC	Certified Processors Database
CA Notify 65	Proposition 65 Records
CA UIC	UIC Listing
CA UIC GEO	UIC GEO (GEOTRACKER)
CA WASTEWATER PITS	Oil Wastewater Pits Listing
CA WDS	Waste Discharge System
CA WIP	Well Investigation Program Case List
CA MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT	PROJECT (GEOTRACKER)

CA WDR Waste Discharge Requirements Listing
CA NON-CASE INFO NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ Well Stimulation Project (GEOTRACKER)
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF Recovered Government Archive Solid Waste Facilities List
CA RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

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

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2021 has revealed that there

are 3 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PARCEL 8 Site ID: 0904797 EPA Id: CAD983662578	4705 OTAY VALLEY RD	SSE 1/8 - 1/4 (0.144 mi.)	F38	408
APACHE SERV LDFL Site ID: 0901779 EPA Id: CAD980515860	4551 OTAY VLY RD NR	SSW 1/4 - 1/2 (0.329 mi.)	69	554
VINCENT DAVIES PROPE Site ID: 0900023 EPA Id: CAD983566779	4501 OTAY VALLEY ROA	ESE 1/4 - 1/2 (0.381 mi.)	N73	562

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
APPROPRIATE TECHNOLO EPA ID:: CAT080010101	***1700 MAXWELL RD***	***ENE 1/2 - 1 (0.907 mi.)***	***O80***	***659***

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 are 8 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JO-BIE PRODUCTS COMP EPA ID:: CAD080922529	***516 TALLOW CT***	***NNW 1/8 - 1/4 (0.131 mi.)***	***29***	***317***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRANSPERE, LLC EPA ID:: CAR000302778	1670 BRANDYWINE AVE	ENE 0 - 1/8 (0.059 mi.)	B8	50
CODE A PHONE CORP EPA ID:: CA0001000991	***1675 BRANDYWINE AVE***	***ESE 0 - 1/8 (0.084 mi.)***	***D11***	***69***
CURTISS-WRIGHT - FLE	1675 BRANDYWINE AVEN	ESE 0 - 1/8 (0.084 mi.)	D13	76

EPA ID:: CAR000150854				
NYPRO SAN DIEGO INC	***505 OTAY VALLEY RD***	***S 0 - 1/8 (0.085 mi.)***	***E16***	***115***
EPA ID:: CAR000006916				
FULLER FORD	***560 AUTO PARK DR***	***SSE 1/8 - 1/4 (0.139 mi.)***	***F35***	***391***
EPA ID:: CAR000003897				
PEOPLES CHEVROLET	***580 AUTO PARK DR***	***SE 1/8 - 1/4 (0.196 mi.)***	***I49***	***434***
EPA ID:: CAR000002618				
KIDDIE KANDIDS #0060	4501 MAIN STREET	SW 1/8 - 1/4 (0.212 mi.)	H57	483
EPA ID:: CAR000180380				

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

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHULA VISTA OWNER LL	1675 BRANDYWINE AVE	ESE 0 - 1/8 (0.084 mi.)	D12	73
ANTEON CORPORATION	***1675 BRANDYWINE STE***	***ESE 0 - 1/8 (0.084 mi.)***	***D15***	***112***
EPA ID:: CAR000099267				

State- and tribal - equivalent CERCLIS

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 01/25/2021 has revealed that there are 4 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OTAY SANITARY LANDFI	OTAY VALLEY ROAD	ENE 1/2 - 1 (0.903 mi.)	O77	570
Facility Id: 37490031				
Status: Refer: RWQCB				
OTAY ANNEX SANITARY	***1700 MAXWELL ROAD***	***ENE 1/2 - 1 (0.907 mi.)***	***O78***	***571***
Facility Id: 80001820				
Facility Id: 37730291				

Status: No Further Action
Status: Refer: RCRA

Lower Elevation	Address	Direction / Distance	Map ID	Page
NAKANO FARMS	***4501 OTAY VALLEY RD***	***ESE 1/4 - 1/2 (0.476 mi.)***	***75***	***565***
Facility Id: 37730292 Status: Refer: Other Agency				
APACHE SERVICES	***4551 OTAY VALLEY ROA***	***ESE 1/2 - 1 (0.565 mi.)***	***76***	***568***
Facility Id: 37500032 Status: Refer: RWQCB				

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHINOHARA FARMS	***4705 OTAY VALLEY RD***	***S 1/4 - 1/2 (0.252 mi.)***	***66***	***547***
Database: SWF/LF (SWIS), Date of Government Version: 02/08/2021 Facility ID: 37-CR-0074 Operational Status: Closed Regulation Status: Pre-regulation				
SHINOHARA II PROPERT	***S OF 4700 BLK. MAIN***	***S 1/4 - 1/2 (0.328 mi.)***	***68***	***551***
Database: SAN DIEGO CO. LF, Date of Government Version: 10/01/2020 Database: SWF/LF (SWIS), Date of Government Version: 02/08/2021 Facility ID: 37-CR-0075 Operational Status: Closed Operational Status: CLOSED Regulation Status: Pre-regulation Facility Status: CLOSED SITES				

State and tribal leaking storage tank lists

CA 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 CA LUST list, as provided by EDR, has revealed that there are 3 CA LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL	***4555 AUTO PARK DR***	***SW 1/8 - 1/4 (0.185 mi.)***	***H42***	***415***
Database: LUST, Date of Government Version: 03/08/2021				

Status: Completed - Case Closed
Global Id: T0607367594

OMAR RENDERING CO | 4826 OTAY VALLEY RD | E 1/4 - 1/2 (0.311 mi.) | 67 | 550
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0607301191

ARCO | 4430 OTAY VALLEY RD | WSW 1/4 - 1/2 (0.362 mi.) | M70 | 556
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0607313861

CA SAN DIEGO CO. SAM: 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.

A review of the CA SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 4 CA SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL	***4555 AUTO PARK DR***	***SW 1/8 - 1/4 (0.185 mi.)***	***H42***	***415***
Case Number: H02893-001 Facility Status: Remedial Investigation				
L&S AUTO WRECKING	***4984 OTAY VALLEY RD***	***SW 1/8 - 1/4 (0.226 mi.)***	***H61***	***502***
Case Number: H26591-001 Facility Status: Closed Case				
ARCO	***4430 OTAY VALLEY RD***	***WSW 1/4 - 1/2 (0.362 mi.)***	***M71***	***558***
Case Number: H21459-001 Facility Status: Closed Case				
PACO'S TRUCK REPAIR	***4501 OTAY VALLEY RD***	***ESE 1/4 - 1/2 (0.381 mi.)***	***N72***	***559***
Case Number: H28262-001 Case Number: H28262-002 Facility Status: Remedial Action (Clean-Up) Facility Status: Closed Case				

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

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 4 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRANDYWINE DISTRIBUT	***1670 & 1690 BRANDYWI***	***SE 0 - 1/8 (0.049 mi.)***	***A3***	***10***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: L10003764847				
SHINOHARA FARM	***580 OTAY VALLEY RD***	***SE 1/8 - 1/4 (0.202 mi.)***	***I55***	***481***
Database: CPS-SLIC, Date of Government Version: 03/08/2021				

Facility Status: Completed - Case Closed
Global Id: T10000012350

L&S AUTO WRECKING ***4984 OTAY VALLEY RD*** ***SW 1/8 - 1/4 (0.226 mi.)*** ***H61*** ***502***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T0608157584

NAKANO FARMS ***4501 OTAY VALLEY RD*** ***ESE 1/4 - 1/2 (0.476 mi.)*** ***75*** ***565***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T0608113999

State and tribal registered storage tank lists

CA 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 CA UST list, as provided by EDR, has revealed that there is 1 CA UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
S & L SHELL MART	4555 MAIN ST	SW 1/8 - 1/4 (0.188 mi.)	H46	428
Database: UST, Date of Government Version: 03/08/2021 Facility Id: H02893				

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

A review of the CA AST list, as provided by EDR, has revealed that there are 3 CA AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KIA OF CHULA VISTA	***540 AUTO PARK DR***	***S 1/8 - 1/4 (0.137 mi.)***	***F30***	***320***
Database: AST, Date of Government Version: 07/06/2016				
FULLER FORD/HONDA	540/560 AUTO PARK DR	S 1/8 - 1/4 (0.137 mi.)	F31	360
Database: AST, Date of Government Version: 07/06/2016				
PEOPLES CHEVROLET	***580 AUTO PARK DR***	***SE 1/8 - 1/4 (0.196 mi.)***	***I49***	***434***
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

A review of the US BROWNFIELDS list, as provided by EDR, and dated 03/15/2021 has revealed that there

is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAVIES PROPERTY ACRES property ID: 109352 Cleanup Completion Date: -	NO ADDRESS	SSW 1/4 - 1/2 (0.399 mi.)	74	563

Local Lists of Landfill / Solid Waste Disposal Sites

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRANDYWINE DISTRIBUT	1670 & 1690 BRANDYWI	SE 0 - 1/8 (0.017 mi.)	A2	9

Local Lists of Hazardous waste / Contaminated Sites

CA 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 CA CERS HAZ WASTE list, as provided by EDR, and dated 01/20/2021 has revealed that there are 13 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRANSPERE, LLC	***1670 BRANDYWINE AVE***	***ENE 0 - 1/8 (0.059 mi.)***	***B6***	***16***
CURTISS-WRIGHT - FLE	***1675 BRANDYWINE AVE***	***ESE 0 - 1/8 (0.084 mi.)***	***D14***	***83***
NYPRO SAN DIEGO	***505 MAIN ST***	***S 0 - 1/8 (0.085 mi.)***	***E17***	***117***
FORD COLLISION CENTE	***515 MAIN***	***S 0 - 1/8 (0.086 mi.)***	***E20***	***175***
HYSPAN PRECISION PRO	***1685 BRANDYWINE AVE***	***SE 0 - 1/8 (0.108 mi.)***	***C24***	***184***
AT&T CALIFORNIA - D3	***490 MAIN CT***	***S 0 - 1/8 (0.114 mi.)***	***E26***	***308***
KIA OF CHULA VISTA	***540 AUTO PARK DR***	***S 1/8 - 1/4 (0.137 mi.)***	***F30***	***320***
FORD OF CHULA VISTA	***560 AUTO PARK DR***	***SSE 1/8 - 1/4 (0.139 mi.)***	***F34***	***366***
PEOPLES CHEVROLET	***580 AUTO PARK DR***	***SE 1/8 - 1/4 (0.196 mi.)***	***I49***	***434***
PETSMART #1498	***1840 MAIN CT***	***SSW 1/8 - 1/4 (0.200 mi.)***	***J53***	***457***
BANFIELD PET HOSPITA	***1840 MAIN CT***	***SSW 1/8 - 1/4 (0.200 mi.)***	***J54***	***470***
ALDI #96	***1850 MAIN CT***	***SSW 1/8 - 1/4 (0.212 mi.)***	***J58***	***486***
SOUTH BAY MOTOR SPOR	***1890 AUTO PARK PL***	***ESE 1/8 - 1/4 (0.239 mi.)***	***L63***	***505***

Local Lists of Registered Storage Tanks

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

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
HYSPAN PRECISION PRO Status: A Tank Status: A Comp Number: 19570	1685 BRANDYWINE AVE	SE 0 - 1/8 (0.108 mi.)	C25	308
SHELL OIL INC Status: A Tank Status: A Comp Number: 2893	4555 OTAY VALLEYRD	SW 1/8 - 1/4 (0.182 mi.)	H41	414

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 CA HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HYSPAN PRECISION PRO Facility Id: 00000002098	1685 BRANDYWINE AVE	SE 0 - 1/8 (0.108 mi.)	C23	184
OTAY VALLEY SHELL SV Facility Id: 00000044031	455 OTAY VALLEY RD	SW 1/8 - 1/4 (0.202 mi.)	H56	482

CA 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 CA CERS TANKS list, as provided by EDR, and dated 01/20/2021 has revealed that there are 3 CA CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYPRO SAN DIEGO	***505 MAIN ST***	***S 0 - 1/8 (0.085 mi.)***	***E17***	***117***
FORD OF CHULA VISTA	***560 AUTO PARK DR***	***SSE 1/8 - 1/4 (0.139 mi.)***	***F34***	***366***
PEOPLES CHEVROLET	***580 AUTO PARK DR***	***SE 1/8 - 1/4 (0.196 mi.)***	***I49***	***434***

Local Land Records

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

A review of the CA DEED list, as provided by EDR, and dated 03/02/2021 has revealed that there is 1 CA DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OMAR FORMER RENDERIN Envirostor ID: L10003156547	***1886 AUTO PARK PL***	***E 1/4 - 1/2 (0.250 mi.)***	***65***	***514***

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 are 29 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TIMM, GARY EPA ID:: CAC003045845	1585 MENDOCINO DR UN	N 0 - 1/8 (0.104 mi.)	22	181
JENNA CAMPOS EPA ID:: CAC003030953	503 TAMARACK CT	NW 0 - 1/8 (0.122 mi.)	28	314
GABRIEL TOBIAS EPA ID:: CAC003056053	1580 MENDOCINO DR #6	NNE 1/8 - 1/4 (0.156 mi.)	G39	409
GABRIEL TOBIAS EPA ID:: CAC003045237	1580 MENDOCINO DR. U	NNE 1/8 - 1/4 (0.156 mi.)	G40	412

Lower Elevation	Address	Direction / Distance	Map ID	Page
TAP MANUFACTURING, L EPA ID:: CAL000429182	1670 BRANDYWINE AVE	ENE 0 - 1/8 (0.059 mi.)	B4	11
PROCOMP EPA ID:: CAL000432968	1670 BRANDYWINE AVE	ENE 0 - 1/8 (0.059 mi.)	B5	14
TECNICO CORPORATION EPA ID:: CAL000398318	1670 BRANDYWINE AVE	ENE 0 - 1/8 (0.059 mi.)	B7	48
LYON TECHNOLOGIES IN EPA ID:: CAL000190177	1690 BRANDYWINE AVE	SE 0 - 1/8 (0.081 mi.)	C9	53
RAYCHEM CORP EPA ID:: CAD983652314	***1669 BRANDYWINE AVE***	***ENE 0 - 1/8 (0.084 mi.)***	***B10***	***55***
CALIBER COLLISION CE	515 MAIN ST	S 0 - 1/8 (0.086 mi.)	E18	169
PFCV LLC DBA PENSKE EPA ID:: CAL000426811	515 MAIN ST	S 0 - 1/8 (0.086 mi.)	E19	172
CDK AUTOMOTIVE GROUP EPA ID:: CAL000446460	515 MAIN ST	S 0 - 1/8 (0.086 mi.)	E21	179
AT&T EPA ID:: CAL000012027	490 MAIN STREET	S 0 - 1/8 (0.114 mi.)	E27	311
PKCV LLC DBA PENSKE EPA ID:: CAL000426809	540 AUTO PARK DR	S 1/8 - 1/4 (0.137 mi.)	F32	361
CDK AUTOMOTIVE GROUP EPA ID:: CAL000446458	540 AUTO PARK DR	S 1/8 - 1/4 (0.137 mi.)	F33	363
PFCV LLC DBA PENSKE EPA ID:: CAL000426813	560 AUTO PARK DR	SSE 1/8 - 1/4 (0.139 mi.)	F36	403
CDK AUTOMOTIVE GROUP EPA ID:: CAL000446457	560 AUTO PARK DR	SSE 1/8 - 1/4 (0.139 mi.)	F37	405
OTTAY VALLEY	4555 MAIN ST	SW 1/8 - 1/4 (0.188 mi.)	H43	421

EPA ID:: CAC003060188				
OTAY VALLEY SHELL	4555 MAIN STREET	SW 1/8 - 1/4 (0.188 mi.)	H44	423
AU ENERGY LLC DBA OT	4555 MAIN STREET	SW 1/8 - 1/4 (0.188 mi.)	H45	426
EPA ID:: CAC002973955				
RICK HAMRICK	460 TILIA CT	WNW 1/8 - 1/4 (0.195 mi.)	47	429
EPA ID:: CAC003029874				
PHCV LLC DBA PENSKE	580 AUTO PARK DR	SE 1/8 - 1/4 (0.196 mi.)	I48	431
EPA ID:: CAL000426808				
DESERT AUTO GROUP IV	580 AUTO PARK DR	SE 1/8 - 1/4 (0.196 mi.)	I50	450
BANFIELD PET HOSPITA	1840 MAIN CT	SSW 1/8 - 1/4 (0.200 mi.)	J51	452
EPA ID:: CAL000301326				
PETSMART #1498	1840 MAIN CT	SSW 1/8 - 1/4 (0.200 mi.)	J52	455
EPA ID:: CAL000411353				
ALDI #96	1850 MAIN CT	SSW 1/8 - 1/4 (0.212 mi.)	J59	497
EPA ID:: CAL000428931				
KEITH JAMES	1559 OLEANDER AVENUE	NNW 1/8 - 1/4 (0.221 mi.)	K60	499
EPA ID:: CAC003055338				
ORTEGA, ANTONIO	1566 OLEANDER AVE	NW 1/8 - 1/4 (0.229 mi.)	K62	503
DASB INC DBA DEL AMO	1890 AUTO PARK PL	ESE 1/8 - 1/4 (0.239 mi.)	L64	512
EPA ID:: CAL000434011				

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OMAR FORMER RENDERIN	***1886 AUTO PARK PL***	***E 1/4 - 1/2 (0.250 mi.)***	***65***	***514***
APACHE SERVICES	***4551 OTAY VALLEY ROA***	***ESE 1/2 - 1 (0.565 mi.)***	***76***	***568***

CA 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 CA Cortese list, as provided by EDR, and dated 03/22/2021 has revealed that there are 3 CA Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL	***4555 AUTO PARK DR***	***SW 1/8 - 1/4 (0.185 mi.)***	***H42***	***415***
Cleanup Status: COMPLETED - CASE CLOSED				
OMAR FORMER RENDERIN	***1886 AUTO PARK PL***	***E 1/4 - 1/2 (0.250 mi.)***	***65***	***514***
ARCO	***4430 OTAY VALLEY RD***	***WSW 1/4 - 1/2 (0.362 mi.)***	***M71***	***558***
Cleanup Status: COMPLETED - CASE CLOSED				

EXECUTIVE SUMMARY

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 02/16/2021 has revealed that there is 1 CA HWP site within approximately 1 mile of the target property.

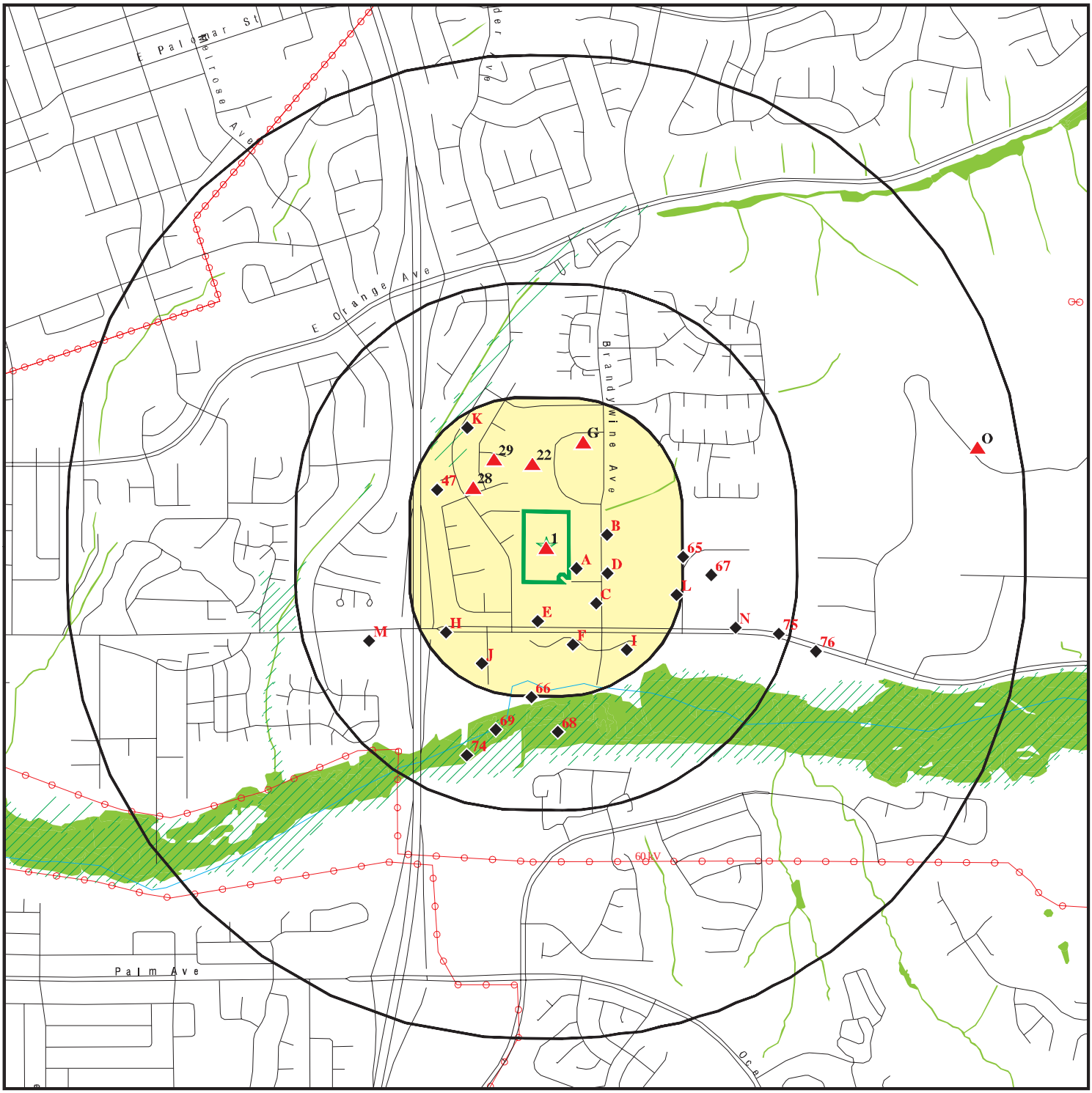
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OTAY LANDFILL INC.	***1700 MAXWELL RD***	***ENE 1/2 - 1 (0.907 mi.)***	***O79***	***626***
EPA ID: CAT080010101				
Cleanup Status: CLOSED				

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name	Database(s)
OTAY MESA CID DRUMS	SEMS
SHINOHARA I	CA SWF/LF, CA RGA LF
WALKER SCOTT PROPERTY	CA WMUDS/SWAT, CA San Diego Co. HMMD
PUBLIC STORAGE FACILITY	CA SAN DIEGO CO. SAM

OVERVIEW MAP - 6549730.2S



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

0 1/4 1/2 1 Miles

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

N

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

SITE NAME: 517 Shinohara Lane ADDRESS: 517 Shinohara Lane Chula Vista CA 91911 LAT/LONG: 32.597462 / 117.031438	CLIENT: SCS Engineers CONTACT: Allison Oneal INQUIRY #: 6549730.2s DATE: June 24, 2021 5:03 pm

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 6549730.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

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: 517 Shinohara Lane	CLIENT: SCS Engineers
ADDRESS: 517 Shinohara Lane Chula Vista CA 91911	CONTACT: Allison Oneal INQUIRY #: 6549730.2s
LAT/LONG: 32.597462 / 117.031438	DATE: June 24, 2021 5:04 pm

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

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

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
CA SAN DIEGO CO. SAM	0.500		0	2	2	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		1	2	1	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		0	1	NR	NR	NR	1
CA AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		1	0	0	NR	NR	1
CA SWRCY	0.500		0	0	0	NR	NR	0
CA 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
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA San Diego Co. HMMD	0.001		0	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CERS HAZ WASTE	0.250		6	7	NR	NR	NR	13
US CDL	0.001		0	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		1	1	NR	NR	NR	2
CA HIST UST	0.250		1	1	NR	NR	NR	2
CA CERS TANKS	0.250		1	2	NR	NR	NR	3
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
CA 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
CA DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		11	18	NR	NR	NR	29
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
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	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	1	NR	2
CA Cortese	0.500		0	1	2	NR	NR	3
CA 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
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001		0	NR	NR	NR	NR	0
CA ICE	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		0	0	0	NR	NR	0
CA HWP	1.000		0	0	0	1	NR	1
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
CA PROJECT	0.001		0	NR	NR	NR	NR	0
CA WDR	0.001		0	NR	NR	NR	NR	0
CA SAN DIEGO CO LOP	0.001		0	NR	NR	NR	NR	0
CA CIWQS	0.001	1	0	NR	NR	NR	NR	1
CA CERS	0.001		0	NR	NR	NR	NR	0
CA NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CA OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CA PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
CA SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
CA WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CA HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	0.001		0	NR	NR	NR	NR	0
CA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		1	28	44	15	6	0	94

MAP FINDINGS SUMMARY

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
Target Property
Actual: 204 ft.

517 SHINOHARA LANE
517 SHINOHARA LANE
CHULA VISTA, CA 91911

CA CIWQS **S121616837**
N/A

CIWQS:

Name:	517 SHINOHARA LANE
Address:	517 SHINOHARA LANE
City,State,Zip:	CHULA VISTA, CA 91911
Agency:	Cushman Lawrence M & Stephen P
Agency Address:	2901 5th Ave, San Diego, CA 92103
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	9
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	9 37C304209
NPDES Number:	CAS000002
Adoption Date:	01/01/1900
Effective Date:	12/15/1994
Termination Date:	12/14/2007
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

A2
SE
< 1/8
0.017 mi.
89 ft.
Site 1 of 2 in cluster A

Relative: Lower
Actual: 165 ft.

BRANDYWINE DISTRIBUTION CENTER
1670 & 1690 BRANDYWINE AVE
CHULA VISTA CA, CA 91911

CA WMUDS/SWAT **S103443331**
N/A

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	PROCES
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	State
Agency Name:	CHULA VISTA INDUSTRIAL REALTY
Agency Department:	Not reported
Agency Address:	725 S FIGUEROA
Agency City,St,Zip:	LOS ANGELES CA 90017

BRANDYWINE DISTRIBUTION CENTER (Continued) **S103443331**

Agency Contact:	DON BARRIG
Agency Telephone:	6194580943
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	9
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	2869
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	True
Regional Board Project Officer:	BKM
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	9 000247N96
Solid Waste Information ID:	Not reported

A3 **BRANDYWINE DISTRIBUTION CENTER** **CA CPS-SLIC S120762563**
SE **1670 & 1690 BRANDYWINE AVE** **CA CERS N/A**
< 1/8 **CHULA VISTA, CA 91911**
0.049 mi.
258 ft. **Site 2 of 2 in cluster A**

Relative: CPS-SLIC:
Lower

Name:	BRANDYWINE DISTRIBUTION CENTER
Address:	1670 & 1690 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/03/2017
Global Id:	L10003764847
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Lead Agency Case Number:	Not reported
Latitude:	32.5964775432941
Longitude:	-117.029746770859
Case Type:	Cleanup Program Site
Case Worker:	UNA
Local Agency:	Not reported
RB Case Number:	9 000247N96
File Location:	Regional Board
Potential Media Affected:	Indoor Air, Other Groundwater (uses other than drinking water)

Actual:
156 ft.

BRANDYWINE DISTRIBUTION CENTER (Continued) **S120762563**

Potential Contaminants of Concern: Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Arsenic, Chromium, Copper, Lead, Mercury (elemental), Nickel, Other Metal, Zinc, Benzene, Xylene

Site History: Recent review of the Soil & Ground- water Investigation Report dated May 1996 concluded that the soil beneath this location has not been impacted by pollutants originating from the property and that ground water has been impacted by pollutants, primarily volatile organic compounds (e.g. trichloroethylene). Based on the information provided, historical operations/activities conducted at this location were not the source of these pollutants and that the likely source is the Former Omar Rendering site immediately to the east and up gradient of this location. Using today's standards, ground-water samples collected in 1996, suggests a potential threat to indoor air. Collection of more recent ground-water data would help to verify if that potential threat exists twenty years later. Since this property appears to not be a source of pollution this case is administratively closed.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	BRANDYWINE DISTRIBUTION CENTER
Address:	1670 & 1690 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	195930
CERS ID:	L10003764847
CERS Description:	Cleanup Program Site

B4 **TAP MANUFACTURING, LLC** **RCRA NonGen / NLR** **1024860729**
ENE **1670 BRANDYWINE AVE STE A** **CAL000429182**
< 1/8 **CHULA VISTA, CA 91911**
0.059 mi.
312 ft. **Site 1 of 6 in cluster B**

Relative: **Lower**
Actual: **182 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2017-07-14 00:00:00.0
Handler Name:	TAP MANUFACTURING, LLC	
Handler Address:		1670 BRANDYWINE AVE STE A
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAL000429182
Contact Name:		DANIEL PERALES
Contact Address:		2360 BOSWELL RD
Contact City,State,Zip:		CHULA VISTA, CA 91914
Contact Telephone:		619-216-1444
Contact Fax:		Not reported
Contact Email:		DPERALES@EXPLORERPROCOMP.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

TAP MANUFACTURING, LLC (Continued) **1024860729**

Mailing Address:	1670 BRANDYWINE AVE STE A
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	TAP MANUFACTURING, LLC
Owner Type:	Other
Operator Name:	DANIEL PERALES
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:36:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

TAP MANUFACTURING, LLC (Continued) **1024860729**

Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TAP MANUFACTURING, LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2360 BOSWELL RD
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91914
Owner/Operator Telephone:	619-216-1444
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DANIEL PERALES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2360 BOSWELL RD
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91914
Owner/Operator Telephone:	619-216-1444
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2017-07-14 00:00:00.0
Handler Name: TAP MANUFACTURING, LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	337215
NAICS Description:	SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B5 **PROCOMP** **RCRA NonGen / NLR** **1024864408**
ENE **1670 BRANDYWINE AVE STE A** **CAL000432968**
< 1/8 **CHULA VISTA, CA 91911**
0.059 mi.
312 ft. **Site 2 of 6 in cluster B**

Relative: **Lower**
Actual: **182 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-01-03 00:00:00.0
Handler Name:	PROCOMP	
Handler Address:		1670 BRANDYWINE AVE STE A
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAL000432968
Contact Name:		ERIC PERRINE
Contact Address:		1670 BRANDYWINE AVE STE A
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-787-9516
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1670 BRANDYWINE AVE STE A
Mailing City,State,Zip:		CHULA VISTA, CA 91911
Owner Name:		TAP MFG LLC
Owner Type:		Other
Operator Name:		ERIC PERRINE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

PROCOMP (Continued) **1024864408**

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:	2018-09-07 19:37:15.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TAP MFG LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1670 BRANDYWINE AVE STE A
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-787-9516
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERIC PERRINE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1670 BRANDYWINE AVE STE A
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-787-9516
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROCOMP (Continued) **1024864408**

Historic Generators:
- Receive Date: 2018-01-03 00:00:00.0
- Handler Name: PROCOMP
- 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: 811111
- NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

B6 **TRANSPERE, LLC** **CA San Diego Co. HMMD** **S106064765**
ENE **1670 BRANDYWINE AVE STE A** **CA CERS HAZ WASTE** **N/A**
< 1/8 **CHULA VISTA, CA 91911** **CA NPDES**
0.059 mi. **CA CIWQS**
312 ft. **Site 3 of 6 in cluster B** **CA CERS**

Relative: Lower
Actual: 182 ft.

HMMD SAN DIEGO:
- Name: KEYSTONE AUTOMOTIVE
- Address: 1670 BRANDYWINE AV
- City,State,Zip: CHULA VISTA, CA 91911
- Permit Number: 135978
- Business Type: 6HK27
- EPA Id Number: CAL000145585
- APN: 644-040-36-00
- Last HMMD Inspection: 03/18/2002
- Facility Telephone: 619-656-2050
- Permit Status: INAC
- Permit Expiration: 11/30/2002
- Date Last Updated: 11/02/2012
- Facility Owner: KEYSTONE AUTOMOTIVE, INC
- Facility Mailing Address: 1670 BRANDYWINE AV #D
- Facility Mailing City: CHULA VISTA
- Facility Mailing State: CA
- Facility Mailing Zip: 91911-
- UST Owner: Not reported
- Handle Regulated Hazmat: Not reported
- Own Or Operate UST: Not reported
- Subject To APSA: Not reported
- Generate Haz Waste: Y
- Treat Haz Waste: Not reported
- Generate Medical Waste: Not reported

TRANSPERE, LLC (Continued) **S106064765**

Name:	TRANSPERE, LLC
Address:	1670 BRANDYWINE AVE A
City,State,Zip:	CHULA VISTA, CA 91911-6071
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAR000302778
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	8445827433
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	09/22/2020
Facility Owner:	Not reported
Facility Mailing Address:	1670 Brandywine Ave Ste A, Chula Vista, CA 91911
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2017-HUPFP-003703
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003703
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	6406797
Return To Compliance Date:	2020-03-09T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-09-22T00:00:00.000
Inspection Date:	2020-03-09T00:00:00.000
Violation Code:	1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID:	DEH2017-HUPFP-003703
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003703
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6406797
Return To Compliance Date:	2020-03-09T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-09-22T00:00:00.000

TRANSPERE, LLC (Continued) **S106064765**

Inspection Date: 2020-03-09T00:00:00.000
Violation Code: HMD0151 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003703
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Initial Inspection
Inspection Number: 6406797
Return To Compliance Date: 2020-08-20T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2020-09-22T00:00:00.000
Inspection Date: 2020-03-09T00:00:00.000
Violation Code: 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)

Waste and Materials:
Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0148412
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-15T00:35:47.000
Chemical Name: ARGON/CARBON DIOXIDE MIX
Common Name: ARGOSHIELD #2C, ARGOSHIELD # 5C
Case Number: MIXTURE

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0148413
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-15T00:35:47.000
Chemical Name: OILS, LUBRICATING
Common Name: RACING FORK FLUID GRADE #7 & SOLUBLE 4680
Case Number: 8002-05-9

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0148414
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-15T00:35:47.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed

TRANSPERE, LLC (Continued) **S106064765**

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0148415
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-15T00:35:47.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0148416
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-15T00:35:47.000
Chemical Name: Acetylene
Common Name: Acetylene
Case Number: 74-86-2

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0148417
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-15T00:35:47.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126731
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-15T00:35:48.000
Chemical Name: Plasma Quench 44
Common Name: Plasma Quench (Coolant) / Used Coolant
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126732
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-15T00:35:48.000
Chemical Name: PARTS WASHER WASTE
Common Name: PARTS WASHER WASTE
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242785

TRANSPERE, LLC (Continued) **S106064765**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-22T02:32:54.000
Chemical Name: Not reported
Common Name: Capacitors with PCB's
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242786
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-22T02:32:54.000
Chemical Name: Not reported
Common Name: Mixed Chemistry Batteries
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242781
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-22T02:32:54.000
Chemical Name: Not reported
Common Name: Petroleum-Contaminated Absorbent Media
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242782
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-22T02:32:54.000
Chemical Name: Not reported
Common Name: CRT TV's and Monitors
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0274024
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-09-22T02:32:54.000
Chemical Name: Propane
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242783
Trade Secret: N
Hazardous Material Type: Not reported

TRANSPERE, LLC (Continued) **S106064765**

Last Updated: 2020-09-22T02:32:54.000
Chemical Name: Not reported
Common Name: LCD TV's and Monitors
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0242784
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-22T02:32:54.000
Chemical Name: Not reported
Common Name: Ballast with PCB's
Case Number: Not reported

Record ID: DEH2017-HUPFP-003703
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0126730
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-15T00:35:48.000
Chemical Name: Used Oil
Common Name: Used Oil
Case Number: Not reported

Name: TECNICO CORPORATION
Address: 1670 BRANDYWINE AVE D
City,State,Zip: CHULA VISTA, CA 91911-6071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000398318
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 757-545-4013
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 10/13/2020
Facility Owner: Not reported
Facility Mailing Address: 831 Industrial Ave. , Chesapeake , VA 23324
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-001694

TRANSPERE, LLC (Continued) **S106064765**

Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6191727
Return To Compliance Date:	2019-07-31T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-10-13T00:00:00.000
Inspection Date:	2019-07-02T00:00:00.000
Violation Code:	HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-001694
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5704043
Return To Compliance Date:	2017-06-15T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-10-13T00:00:00.000
Inspection Date:	2017-06-15T12:36:00.000
Violation Code:	1010006 HMBP not updated to reflect inventory changes or facility information. HSC 25508.1(a-e)

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-001694
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5704043
Return To Compliance Date:	2017-06-19T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-10-13T00:00:00.000
Inspection Date:	2017-06-15T12:36:00.000
Violation Code:	HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

Waste and Materials:

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0261533
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-04-23T02:50:49.000
Chemical Name:	Oxygen

TRANSPERE, LLC (Continued) **S106064765**

Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261534
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-23T02:50:49.000
Chemical Name: Lubricating Oil
Common Name: Hydraulic Oil
Case Number: 8012-95-1

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261535
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-23T02:50:49.000
Chemical Name: Argon, mixed with helium
Common Name: Argon/helium
Case Number: 7440-59-7

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261536
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-23T02:50:49.000
Chemical Name: Argon, mixt. with carbon dioxide
Common Name: Argon/Carbon dioxide
Case Number: 7440-37-1

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261537
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-23T02:50:49.000
Chemical Name: Nitrogen compressed
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261538
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-23T02:50:49.000
Chemical Name: Propane
Common Name: Propane
Case Number: 115-07-1

TRANSPERE, LLC (Continued) **S106064765**

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0261539
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-04-23T02:50:49.000
Chemical Name:	Argon Compressed
Common Name:	Argon Compressed
Case Number:	7440-37-1

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0232616
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-04-23T02:50:49.000
Chemical Name:	WASTE 343 ORGANIC SOLIDS (OTHER)
Common Name:	PAINT RELATED DEBRIS
Case Number:	Not reported

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0232617
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-04-23T02:50:49.000
Chemical Name:	Lubricating Oily/Rags
Common Name:	Used Lubricating Oily/Rags Used
Case Number:	Not reported

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0232618
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-04-23T02:50:49.000
Chemical Name:	Waste Aerosols, 2.1
Common Name:	Trade Spray Aerosol Paints
Case Number:	Not reported

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0207608
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-02-15T00:36:30.000
Chemical Name:	Propane
Common Name:	Propane
Case Number:	74-98-6

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed

TRANSPERE, LLC (Continued) **S106064765**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207609
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-15T00:36:30.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207610
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-15T00:36:30.000
Chemical Name: Lubricating Oil
Common Name: Hydraulic Oil
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207611
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-15T00:36:30.000
Chemical Name: Argon, mixed with helium
Common Name: Argon/helium
Case Number: 70355-95-2

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207612
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-15T00:36:30.000
Chemical Name: Argon, mixt. with carbon dioxide
Common Name: Argon/Carbon dioxide
Case Number: 70343-43-0

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0207613
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-15T00:36:30.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179673

TRANSPERE, LLC (Continued) **S106064765**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-15T00:36:31.000
Chemical Name: WASTE 221 WASTE OIL AND MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0179674
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-15T00:36:31.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: PAINT RELATED DEBRIS
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0274047
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-13T02:32:19.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0274051
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-13T02:32:19.000
Chemical Name: Nitrogen compressed
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0274052
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-13T02:32:19.000
Chemical Name: Propane
Common Name: Propane
Case Number: 115-07-1

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0274053
Trade Secret: N
Hazardous Material Type: Pure

TRANSPERE, LLC (Continued) **S106064765**

Last Updated:	2020-10-13T02:32:19.000
Chemical Name:	Argon Compressed
Common Name:	Argon Compressed
Case Number:	7440-37-1
Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0242802
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-10-13T02:32:19.000
Chemical Name:	WASTE 343 ORGANIC SOLIDS (OTHER)
Common Name:	PAINT RELATED DEBRIS
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0144876
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T13:36:35.000
Chemical Name:	Propane
Common Name:	Propane
Case Number:	74-98-6
Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0144877
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T13:36:35.000
Chemical Name:	Oxygen
Common Name:	Oxygen
Case Number:	7782-44-7
Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0144878
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-25T13:36:35.000
Chemical Name:	Lubricating Oil
Common Name:	Hydraulic Oil
Case Number:	Not reported
Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0144879
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T13:36:35.000
Chemical Name:	Argon Compressed

TRANSPERE, LLC (Continued) **S106064765**

Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0144880
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T13:36:35.000
Chemical Name: Argon, mixed with helium
Common Name: Argon/helium
Case Number: 70355-95-2

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0144881
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T13:36:35.000
Chemical Name: Argon, mixt. with carbon dioxide
Common Name: Argon/Carbon dioxide
Case Number: 70343-43-0

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0123525
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T13:36:35.000
Chemical Name: WASTE 221 WASTE OIL AND MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0123526
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T13:36:35.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: PAINT RELATED DEBRIS
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0274048
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-13T02:32:19.000
Chemical Name: Lubricating Oil
Common Name: Hydraulic Oil
Case Number: 8012-95-1

TRANSPERE, LLC (Continued) **S106064765**

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0274049
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-10-13T02:32:19.000
Chemical Name:	Argon, mixed with helium
Common Name:	Argon/helium
Case Number:	7440-59-7

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0274050
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-10-13T02:32:19.000
Chemical Name:	Argon, mixt. with carbon dioxide
Common Name:	Argon/Carbon dioxide
Case Number:	7440-37-1

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0242803
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-10-13T02:32:19.000
Chemical Name:	Lubricating Oily/Rags
Common Name:	Used Lubricating Oily/Rags Used
Case Number:	Not reported

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0242804
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-10-13T02:32:19.000
Chemical Name:	Waste Aerosols, 2.1
Common Name:	Trade Spray Aerosol Paints
Case Number:	Not reported

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0228417
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-04-16T01:55:45.000
Chemical Name:	Oxygen
Common Name:	Oxygen
Case Number:	7782-44-7

Record ID:	DEH2015-HUPFP-001694
Permit Status:	Permit Renewed

TRANSPERE, LLC (Continued) **S106064765**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0228418
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-16T01:55:45.000
Chemical Name: Lubricating Oil
Common Name: Hydraulic Oil
Case Number: 8012-95-1

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0228419
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-16T01:55:45.000
Chemical Name: Argon, mixed with helium
Common Name: Argon/helium
Case Number: 7440-59-7

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0228420
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-16T01:55:45.000
Chemical Name: Argon, mixt. with carbon dioxide
Common Name: Argon/Carbon dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0228421
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-16T01:55:45.000
Chemical Name: Nitrogen compressed
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0228422
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-16T01:55:45.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0228423

TRANSPERE, LLC (Continued) **S106064765**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-04-16T01:55:45.000
Chemical Name: Propane
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0198388
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-16T01:55:46.000
Chemical Name: WASTE 343 ORGANIC SOLIDS (OTHER)
Common Name: PAINT RELATED DEBRIS
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0198389
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-16T01:55:46.000
Chemical Name: Lubricating Oily/Rags
Common Name: Used Lubricating Oily/Rags Used
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0198390
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-16T01:55:46.000
Chemical Name: Waste Aerosols, 2.1
Common Name: Trade Spray Aerosol Paints
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0071227
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-10-05T02:32:22.000
Chemical Name: Propane
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0071228
Trade Secret: N
Hazardous Material Type: Pure

TRANSPERE, LLC (Continued) **S106064765**

Last Updated: 2016-10-05T02:32:22.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0071229
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-10-05T02:32:22.000
Chemical Name: Lubricating Oil
Common Name: Hydraulic Oil
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0055096
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-10-05T02:32:22.000
Chemical Name: WASTE 221 WASTE OIL AND MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2015-HUPFP-001694
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0055097
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-10-05T02:32:22.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: PAINT RELATED DEBRIS
Case Number: Not reported

CERS HAZ WASTE:
Name: TRANSPERE, LLC
Address: 1670 BRANDYWINE AVE STE A
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 423731
CERS ID: 10738636
CERS Description: Hazardous Waste Generator

Name: TECNICO CORPORATION
Address: 1670 BRANDYWINE AVE STE D
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 159974
CERS ID: 10616470
CERS Description: Hazardous Waste Generator

NPDES:
Name: TAP MANUFACTURING LLC

TRANSPERE, LLC (Continued) **S106064765**

Address:	1670 BRANDYWINE AVENUE SUITE A
City,State,Zip:	CHULA VISTA, CA 91911
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:	9 37NEC003438
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:	12/29/2020
Operator Name:	Tap Manufacturing
Operator Address:	1670 Brandywine Avenue Suite A
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	488311
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC003438
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:	08/01/2017
Processed Date:	08/04/2017
Status:	Active
Status Date:	08/04/2017
Place Size:	100000
Place Size Unit:	SqFt
Contact:	Daniel Perales
Contact Title:	Safety Manager
Contact Phone:	619-216-1444

TRANSPERE, LLC (Continued) **S106064765**

Contact Phone Ext:	1138
Contact Email:	dperales@explorercomp.com
Operator Name:	Tap Manufacturing
Operator Address:	1670 Brandywine Avenue Suite A
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911
Operator Contact:	Daniel Perales
Operator Contact Title:	Safety Manager
Operator Contact Phone:	619-216-1444
Operator Contact Phone Ext:	1138
Operator Contact Email:	dperales@explorerprocomp.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	619-733-4187
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Otay River
Certifier:	Daniel Perales
Certifier Title:	Safety Manager
Certification Date:	01-AUG-17
Primary Sic:	3499-Fabricated Metal Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	488311
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37NEC003438

TRANSPERE, LLC (Continued) **S106064765**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/04/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Tap Manufacturing
Discharge Address:	1670 Brandywine Avenue Suite A
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported

TRANSPERE, LLC (Continued) **S106064765**

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

Name:	TRANSPERE LLC
Address:	1670 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	515285
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37NEC005939
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/27/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1670 Brandywine Ave
Discharge Name:	Transpere LLC
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	TRANSPERE LLC
Address:	1670 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
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:	9 37NEC005939
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

TRANSPERE, LLC (Continued) **S106064765**

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:	01/27/2020
Operator Name:	Transpere LLC
Operator Address:	1670 Brandywine Ave
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911
Name:	TAP MANUFACTURING, LLC
Address:	1670 BRANDYWINE AVENUE SUITE A
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	488311
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37NEC003438
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/04/2017
Termination Date Of Regulatory Measure:	12/29/2020
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1670 Brandywine Avenue Suite A
Discharge Name:	Tap Manufacturing
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	488311
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC003438
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

TRANSPERE, LLC (Continued) **S106064765**

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:	08/01/2017
Processed Date:	08/04/2017
Status:	Active
Status Date:	08/04/2017
Place Size:	100000
Place Size Unit:	SqFt
Contact:	Daniel Perales
Contact Title:	Safety Manager
Contact Phone:	619-216-1444
Contact Phone Ext:	1138
Contact Email:	dperales@explorercomp.com
Operator Name:	Tap Manufacturing
Operator Address:	1670 Brandywine Avenue Suite A
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911
Operator Contact:	Daniel Perales
Operator Contact Title:	Safety Manager
Operator Contact Phone:	619-216-1444
Operator Contact Phone Ext:	1138
Operator Contact Email:	dperales@explorerprocomp.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	619-733-4187
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Otay River
Certifier:	Daniel Perales

TRANSPERE, LLC (Continued) **S106064765**

Certifier Title:	Safety Manager
Certification Date:	01-AUG-17
Primary Sic:	3499-Fabricated Metal Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	488311
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37NEC003438
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/04/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Tap Manufacturing
Discharge Address:	1670 Brandywine Avenue Suite A
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
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

TRANSPERE, LLC (Continued) **S106064765**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	TAP MANUFACTURING, LLC
Address:	1670 BRANDYWINE AVENUE SUITE A
City,State,Zip:	CHULA VISTA, CA 91911
Agency:	Tap Manufacturing
Agency Address:	1670 Brandywine Avenue Suite A, Chula Vista , CA 91911
Place/Project Type:	Industrial - Fabricated Metal Products, NEC
SIC/NAICS:	3499
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37NEC003438
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	08/04/2017
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	32.596985
Longitude:	-117.030175

CERS:

Name:	TRANSPERE, LLC

TRANSPERE, LLC (Continued) **S106064765**

Address: 1670 BRANDYWINE AVE STE A
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 423731
CERS ID: 10738636
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 423731
Site Name: Transpere, LLC
Violation Date: 03-09-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 03/09/2020. Inspection Sequence ID:6406797
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 423731
Site Name: Transpere, LLC
Violation Date: 03-09-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/20/2020. Inspection Sequence ID:6406797
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 423731
Site Name: Transpere, LLC
Violation Date: 03-09-2020
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 03/09/2020. Inspection Sequence ID:6406797;Violation:HMD0151 Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Villena Elaine Inspection ID:6406797
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

TRANSPERE, LLC (Continued) **S106064765**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Villena Elaine Inspection ID:6406797
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5757306
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5757306
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6220104
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6220104
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Josefina Koss
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

TRANSPERE, LLC (Continued) **S106064765**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1670 Brandywine Ave Ste A
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Environmental Contact
Entity Name:	Bill Peterson
Entity Title:	Not reported
Affiliation Address:	1670 Brandywine Ave Ste A
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Bill Peterson
Entity Title:	Director of Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	RICK LEWIS
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:	(817) 609-3888
Affiliation Type Desc:	Parent Corporation
Entity Name:	Transpere, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

TRANSPERE, LLC (Continued) **S106064765**

Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: RICK LEWIS
Entity Title: Not reported
Affiliation Address: 1670 Brandywine Ave Ste A
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91911
Affiliation Phone: (817) 609-3888

Name: TECNICO CORPORATION
Address: 1670 BRANDYWINE AVE STE D
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 159974
CERS ID: 10616470
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 159974
Site Name: Tecnico Corporation
Violation Date: 06-15-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/19/2017. Inspection Sequence ID:5704043;Violation:HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 159974
Site Name: Tecnico Corporation
Violation Date: 06-15-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/15/2017. Inspection Sequence ID:5704043
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 159974
Site Name: Tecnico Corporation
Violation Date: 07-02-2019
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

TRANSPERE, LLC (Continued) **S106064765**

Violation Notes: Returned to compliance on 07/31/2019. Inspection Sequence ID:6191727;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5704043
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5704043
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6191727
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6191727
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5317253
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-21-2015
Violations Found: No

TRANSPERE, LLC (Continued) **S106064765**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5317253
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Dwight Bond
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: 831 Industrial Ave.
Affiliation City: Chesapeake
Affiliation State: VA
Affiliation Country: Not reported
Affiliation Zip: 23324
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Dwight Bond
Entity Title: Environmental Health Safety Supervisor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: LARRY TORRECH
Entity Title: Not reported
Affiliation Address: 831 Industrial Ave.
Affiliation City: Chesapeake
Affiliation State: VA
Affiliation Country: United States
Affiliation Zip: 23324
Affiliation Phone: (757) 545-4013

Affiliation Type Desc: Property Owner
Entity Name: Dwight Bond
Entity Title: Not reported
Affiliation Address: 1670 Brandywine Ave Ste D
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91911
Affiliation Phone: (619) 385-7568

TRANSPERE, LLC (Continued) **S106064765**

Affiliation Type Desc: Environmental Contact
Entity Name: Dwight Bond
Entity Title: Not reported
Affiliation Address: 1670 Brandywine Suite D
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: LARRY TORRECH
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: (757) 545-4013

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Parent Corporation
Entity Name: Tecnico Corporation
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: TAP MANUFACTURING, LLC
Address: 1670 BRANDYWINE AVENUE SUITE A
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 543886
CERS ID: 856787
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Tap Manufacturing
Entity Title: Operator
Affiliation Address: 1670 Brandywine Avenue Suite A
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

B7 **TECNICO CORPORATION** **RCRA NonGen / NLR** **1024845302**
ENE **1670 BRANDYWINE AVE STE D** **CAL000398318**
< 1/8 **CHULA VISTA, CA 91911**
0.059 mi.
312 ft. **Site 4 of 6 in cluster B**

Relative: **Lower**
Actual: **182 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2014-06-30 00:00:00.0
Handler Name:	TECNICO CORPORATION	
Handler Address:		1670 BRANDYWINE AVE STE D
Handler City,State,Zip:		CHULA VISTA, CA 91911-6071
EPA ID:		CAL000398318
Contact Name:		DWIGHT BOND
Contact Address:		1670 BRANDYWINE AVE STE D
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-426-7385
Contact Fax:		800-566-1147
Contact Email:		DBOND@TECNICOCORP.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:		1670 BRANDYWINE AVENUE, SUITE D
Mailing City,State,Zip:		CHULA VISTA, CA 91910-3324
Owner Name:		TECNICO CORPORATION
Owner Type:		Other
Operator Name:		DWIGHT BOND
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

TECNICO CORPORATION (Continued) **1024845302**

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 17:04:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TECNICO CORPORATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	831 INDUSTRIAL AVE
Owner/Operator City,State,Zip:	CHESAPEAKE, VA 23324
Owner/Operator Telephone:	757-545-4013
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DWIGHT BOND
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1670 BRANDYWINE AVE STE D
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-426-7385
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TECNICO CORPORATION (Continued) **1024845302**

Historic Generators:
- Receive Date: 2014-06-30 00:00:00.0
- Handler Name: TECNICO CORPORATION
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 48839
- NAICS Description: OTHER SUPPORT ACTIVITIES FOR WATER TRANSPORTATION

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

B8 **TRANSPERE, LLC** **RCRA-SQG** **1026057666**
ENE **1670 BRANDYWINE AVE** **CAR000302778**
< 1/8 **CHULA VISTACHULA VISTA, CA 91911**
0.059 mi.
312 ft. **Site 5 of 6 in cluster B**

Relative: **Lower**
Actual: **182 ft.**

RCRA-SQG:
- Date Form Received by Agency: 2019-12-20 00:00:00.0
- Handler Name: TRANSPERE, LLC
- Handler Address: 1670 BRANDYWINE AVE
- Handler City,State,Zip: CHULA VISTACHULA VISTA, CA 91911
- EPA ID: CAR000302778
- Contact Name: BILL PETERSON
- Contact Address: BRANDYWINE AVE
- Contact City,State,Zip: CHULA VISTACHULA VISTA, CA 91911
- Contact Telephone: 844-582-7433 x3050
- Contact Fax: Not reported
- Contact Email: BILLP@TRANSPERE.COM
- Contact Title: DIRECTOR OF COMPLIANCE
- EPA Region: 09
- Land Type: Private
- Federal Waste Generator Description: Small Quantity Generator
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: BRANDYWINE AVE
- Mailing City,State,Zip: CHULA VISTACHULA VISTA, CA 91911
- Owner Name: YULAN ADA LEWIS

TRANSPERE, LLC (Continued) **1026057666**

Owner Type:	Private
Operator Name:	TRANSPERE, LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-12-24 16:22:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

TRANSPERE, LLC (Continued) **1026057666**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D006
Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: YULAN ADA LEWIS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1670 BRANDYWINE AVE
Owner/Operator City,State,Zip: CHULA VISTACHULA VISTA, CA 91911
Owner/Operator Telephone: 844-582-7433
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: YULAN.PENG-LEWIS@TRANSPERE.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: TRANSPERE, LLC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1670 BRANDYWINE AVE
Owner/Operator City,State,Zip: CHULA VISTACHULA VISTA, CA 91911
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-12-20 00:00:00.0
Handler Name: TRANSPERE, LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 423930
NAICS Description: RECYCLABLE MATERIAL MERCHANT WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

TRANSPERE, LLC (Continued) **1026057666**

Evaluation Action Summary:
Evaluations: No Evaluations Found

C9 **LYON TECHNOLOGIES INC** **RCRA NonGen / NLR** **1024797640**
SE **1690 BRANDYWINE AVE STE A** **CAL000190177**
< 1/8 **CHULA VISTA, CA 91911**
0.081 mi.
430 ft. **Site 1 of 4 in cluster C**

Relative: **Lower**
Actual: **147 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		1999-06-03 00:00:00.0
Handler Name:	LYON TECHNOLOGIES INC	
Handler Address:		1690 BRANDYWINE AVE STE A
Handler City,State,Zip:		CHULA VISTA, CA 91911-6072
EPA ID:		CAL000190177
Contact Name:		CHRIS HALL
Contact Address:		1690 BRANDYWINE AVE STE A
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-216-3400
Contact Fax:		619-216-3434
Contact Email:		CHRIS.HALL@LYONUSA.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:		1690 BRANDYWINE AVE STE A
Mailing City,State,Zip:		CHULA VISTA, CA 91911-6072
Owner Name:		LYON TECHNOLOGIES INC
Owner Type:		Other
Operator Name:		CHRIS HALL
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

LYON TECHNOLOGIES INC (Continued) **1024797640**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:44:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LYON TECHNOLOGIES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1690 BRANDYWINE AVE STE A
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911-6072
Owner/Operator Telephone:	619-216-3400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

LYON TECHNOLOGIES INC (Continued) **1024797640**

Owner/Operator Name:	CHRIS HALL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1690 BRANDYWINE AVE STE A
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-216-3400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-06-03 00:00:00.0
Handler Name: LYON TECHNOLOGIES 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:	335999
NAICS Description:	ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B10 **RAYCHEM CORP** **RCRA NonGen / NLR** **1000819257**
ENE **1669 BRANDYWINE AVE STE A** **FINDS** **CAD983652314**
< 1/8 **CHULA VISTA, CA 91911** **ECHO**
0.084 mi. **CA HAZNET**
444 ft. **Site 6 of 6 in cluster B** **CA HWTS**

Relative: **Lower**

Actual: **199 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2001-06-28 00:00:00.0
Handler Name:	RAYCHEM CORP
Handler Address:	1669 BRANDYWINE AVE STE A
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAD983652314
Contact Name:	MARTIN ORIGUEL
Contact Address:	1675 BRANDYWINE AVE STE C
Contact City,State,Zip:	CHULA VISTA, CA 91911
Contact Telephone:	619-424-4237
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

RAYCHEM CORP (Continued) **1000819257**

EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1669 BRANDYWINE AVE STE A
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	SUDBERRY PROPERTIES
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

RAYCHEM CORP (Continued) **1000819257**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:36:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUDBERRY PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4350 LA JOLLA VILLAGE DR 210
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92122-1244
Owner/Operator Telephone:	619-546-5151
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-06-28 00:00:00.0
Handler Name: RAYCHEM CORP	
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:	42161
NAICS Description:	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND CONSTRUCTION MATERIAL WHOLESALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

RAYCHEM CORP (Continued) **1000819257**

FINDS:
Registry ID: 110002887298

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1000819257
Registry ID:	110002887298
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002887298
Name:	RAYCHEM CORP
Address:	1669 BRANDYWINE AVE STE A
City,State,Zip:	CHULA VISTA, CA 91911

HAZNET:

Name:	RAYCHEM CORP
Address:	1669 BRANDYWINE AVE STE A
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 919110000
Contact:	ROBIN ADAIR ENV PROGRAM COORD
Telephone:	6503613022
Mailing Name:	Not reported
Mailing Address:	307 CONSTITUTION DR MS R20/1A
Year:	1999
Gepaid:	CAD983652314
TSD EPA ID:	CAD044429835
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	D99 - Disposal, Other
Tons:	0.297
Year:	1998
Gepaid:	CAD983652314
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	0.4
Year:	1998
Gepaid:	CAD983652314
TSD EPA ID:	CAT080014079
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H01 - Transfer Station
Tons:	1.25
Year:	1998
Gepaid:	CAD983652314

RAYCHEM CORP (Continued) **1000819257**

TSD EPA ID: CAT080014079
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H01 - Transfer Station
Tons: 0.2

Year: 1997
Gepaid: CAD983652314
TSD EPA ID: AZD049318009
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H01 - Transfer Station
Tons: 0.0041

Year: 1997
Gepaid: CAD983652314
TSD EPA ID: AZD049318009
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.0693

Year: 1997
Gepaid: CAD983652314
TSD EPA ID: AZD049318009
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H01 - Transfer Station
Tons: 0.068

Year: 1997
Gepaid: CAD983652314
TSD EPA ID: CAD050806850
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: H01 - Transfer Station
Tons: 0.2

Year: 1996
Gepaid: CAD983652314
TSD EPA ID: AZD049318009
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: H01 - Transfer Station
Tons: 0.3

Year: 1996
Gepaid: CAD983652314
TSD EPA ID: AZD049318009
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.06

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

Additional Info:
Year: 1996
Gen EPA ID: CAD983652314

Shipment Date: 19960924
Creation Date: 5/20/1997 0:00:00

RAYCHEM CORP (Continued) **1000819257**

Receipt Date:	19961002
Manifest ID:	96153951
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960924
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961002
Manifest ID:	96153951
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD983652314

Shipment Date:	19981116
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981201
Manifest ID:	98596062
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

RAYCHEM CORP (Continued) **1000819257**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981116
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981201
Manifest ID:	98596062
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.05
Waste Quantity:	2100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980119
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980121
Manifest ID:	97236104
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4

RAYCHEM CORP (Continued) **1000819257**

Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980119
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19980130
Manifest ID:	97236105
Trans EPA ID:	NJD080631369
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080014079
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD983652314
Shipment Date:	19971023
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971027
Manifest ID:	96622025
Trans EPA ID:	CAD00008312
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009466392
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983652314
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

RAYCHEM CORP (Continued) **1000819257**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970512
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970527
Manifest ID:	96539532
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0693
Waste Quantity:	21
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970512
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970527
Manifest ID:	96539532
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970512
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970527
Manifest ID:	96539532
Trans EPA ID:	CAD000083121
Trans Name:	Not reported

RAYCHEM CORP (Continued) **1000819257**

Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970512
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970527
Manifest ID:	96539532
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000273
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0041
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD983652314

Shipment Date:	19990825
Creation Date:	10/27/1999 0:00:00
Receipt Date:	19990903
Manifest ID:	99437138
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

RAYCHEM CORP (Continued) **1000819257**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.297
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD983652314
Shipment Date:	19940701
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940708
Manifest ID:	92529208
Trans EPA ID:	CAD983641121
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000048934
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	D005
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.307
Waste Quantity:	614
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940701
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940708
Manifest ID:	92529208
Trans EPA ID:	CAD983641121
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000048934
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0775

RAYCHEM CORP (Continued) **1000819257**

Waste Quantity:	155
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD983652314
Shipment Date:	19931028
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19931113
Manifest ID:	92526357
Trans EPA ID:	CAD983641101
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000048934
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0165
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931028
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19931113
Manifest ID:	92526357
Trans EPA ID:	CAD983641101
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000048934
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

RAYCHEM CORP (Continued) **1000819257**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931028
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19931113
Manifest ID:	92526357
Trans EPA ID:	CAD983641101
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000048934
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	D005
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.1793
Waste Quantity:	43
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD983652314
Shipment Date:	19950920
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95461171
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D005
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.238
Waste Quantity:	476
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950920
Creation Date:	7/26/1996 0:00:00

RAYCHEM CORP (Continued) **1000819257**

Receipt Date:	19950922
Manifest ID:	95461171
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U188
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	2.646
Waste Quantity:	5292
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950920
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95461171
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.4165
Waste Quantity:	833
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950920
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95461171
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

RAYCHEM CORP (Continued) **1000819257**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.205
Waste Quantity:	410
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	RAYCHEM CORP
Address:	1669 BRANDYWINE AVE STE A
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 919110000
EPA ID:	CAD983652314
Inactive Date:	06/01/2001
Create Date:	11/06/1992
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	307 CONSTITUTION DR MS R20/1A
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MENLO PARK, CA 940251140
Owner Name:	RAYCHEM CORP
Owner Address:	300 CONSTITUTION DR
Owner Address 2:	Not reported
Owner City,State,Zip:	MENLO PARK, CA 940251140
Contact Name:	ROBIN ADAIR ENV PROGRAM COORD
Contact Address:	307 CONSTITUTION DR MS R20/1A
Contact Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 940251140

D11 **CODE A PHONE CORP** **RCRA-SQG** **1000978278**
ESE **1675 BRANDYWINE AVE STE B** **FINDS** **CA0001000991**
< 1/8 **CHULA VISTA, CA 91911** **ECHO**
0.084 mi. **CA HAZNET**
446 ft. **Site 1 of 5 in cluster D** **CA HWTS**

Relative: **Lower**
Actual: **158 ft.**

RCRA-SQG:

Date Form Received by Agency:		1995-01-06 00:00:00.0
Handler Name:	CODE A PHONE CORP	
Handler Address:		1675 BRANDYWINE AVE STE B
Handler City,State,Zip:		CHULA VISTA, CA 91911-8944
EPA ID:		CA0001000991
Contact Name:		BASIL DIXON
Contact Address:		1675 BRANDYWINE AVE STE B
Contact City,State,Zip:		CHULA VISTA, CA 91911-8944
Contact Telephone:		619-421-7937
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator

CODE A PHONE CORP (Continued) **1000978278**

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:	BRANDYWINE AVE STE B
Mailing City,State,Zip:	CHULA VISTA, CA 91911-8944
Owner Name:	CODE A PHONE CORP
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

CODE A PHONE CORP (Continued) **1000978278**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:31:33.0
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:	Owner
Owner/Operator Name:	CODE A PHONE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16277 SE 130TH AVE
Owner/Operator City,State,Zip:	CLACKAMAS, OR 97015
Owner/Operator Telephone:	503-655-8940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-01-06 00:00:00.0
Handler Name: CODE A PHONE CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110002622350

Click Here:

CODE A PHONE CORP (Continued) **1000978278**

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1000978278
Registry ID:	110002622350
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002622350
Name:	CODE A PHONE CORP
Address:	1675 BRANDYWINE AVE STE B
City,State,Zip:	CHULA VISTA, CA 91911

HAZNET:

Name:	CODE A PHONE CORP
Address:	1675 BRANDYWINE AVE STE B
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 919110000
Contact:	UNDELIVERABLE 1996 FEES FORM
Telephone:	6194217937
Mailing Name:	Not reported
Mailing Address:	1675 BRANDYWINE AVE STE B
Year:	1995
Gepaid:	CA0001000991
TSD EPA ID:	CAD088504881
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H01 - Transfer Station
Tons:	1.5428

Additional Info:

Year:	1995
Gen EPA ID:	CA0001000991
Shipment Date:	19950116
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950118
Manifest ID:	93637442
Trans EPA ID:	CAD983615998
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station

CODE A PHONE CORP (Continued) **1000978278**

Quantity Tons:	1.5428
Waste Quantity:	1400
Quantity Unit:	L
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CODE A PHONE CORP
Address:	1675 BRANDYWINE AVE STE B
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 919110000
EPA ID:	CA0001000991
Inactive Date:	06/30/1996
Create Date:	12/08/1995
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	1675 BRANDYWINE AVE STE B
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CHULA VISTA, CA 919110000
Owner Name:	CODE A PHONE CORP
Owner Address:	16277 SE 130TH AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CHULA VISTA, OR 970150000
Contact Name:	UNDELIVERABLE 1996 FEES FORM
Contact Address:	16277 SE 130TH AVE
Contact Address 2:	Not reported
City,State,Zip:	CHULA VISTA, OR 970150000

D12 **CHULA VISTA OWNER LLC** **RCRA-VSQG** **1026493867**
ESE **1675 BRANDYWINE AVE** **CAP000311068**
< 1/8 **CHULA VISTA, CA 91911**
0.084 mi.
446 ft. **Site 2 of 5 in cluster D**

Relative: **Lower**

Actual: **158 ft.**

RCRA-VSQG:

Date Form Received by Agency:		2020-08-19 00:00:00.0
Handler Name:	CHULA VISTA OWNER LLC	
Handler Address:		1675 BRANDYWINE AVE
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAP000311068
Contact Name:		TRACY SCIFO
Contact Address:		BRANDYWINE
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		949-529-8107
Contact Fax:		Not reported
Contact Email:		TRACY.SCIFO@AM.JLL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		County
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities

CHULA VISTA OWNER LLC (Continued) **1026493867**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	N. HALSTED
Mailing City,State,Zip:	CHICAGO, IL 60642
Owner Name:	CHULA VISTA OWNER LLC
Owner Type:	State
Operator Name:	CHULA VISTA OWNER LLC
Operator Type:	Federal
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The site is federally-operated
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-08-27 16:25:10.0
Recognized Trader-Importer:	No

CHULA VISTA OWNER LLC (Continued) **1026493867**

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHULA VISTA OWNER LLC
Legal Status:	Federal
Date Became Current:	2020-08-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1500 N. HALSTED
Owner/Operator City,State,Zip:	CHICAGO, IL, IL 60642
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MDICARO@ALPHAINDPROP.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHULA VISTA OWNER LLC
Legal Status:	State
Date Became Current:	2020-08-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1500 N. HALSTED
Owner/Operator City,State,Zip:	CHICAGO, IL 60642
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MDICARO@ALPHAINDPROP.COM

Historic Generators:

Receive Date:	2020-08-19 00:00:00.0
Handler Name: CHULA VISTA OWNER LLC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	221112
NAICS Description:	FOSSIL FUEL ELECTRIC POWER GENERATION

CHULA VISTA OWNER LLC (Continued) **1026493867**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D13 **CURTISS-WRIGHT - FLEET SOLUTIONS** **RCRA-SQG** **1007200720**
ESE **1675 BRANDYWINE AVENUE** **CAR000150854**
< 1/8 **CHULA VISTA, CA 91911**
0.084 mi.
446 ft. **Site 3 of 5 in cluster D**

Relative: **Lower**
Actual: **158 ft.**

RCRA-SQG:

Date Form Received by Agency:	2018-08-20 00:00:00.0
Handler Name:	CURTISS-WRIGHT - FLEET SOLUTIONS
Handler Address:	1675 BRANDYWINE AVENUE
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAR000150854
Contact Name:	ERIK HUGHES
Contact Address:	1675 BRANDYWINE AVENUE
Contact City,State,Zip:	CHULA VISTA, CA 91911
Contact Telephone:	619-482-3402
Contact Fax:	619-656-4819
Contact Email:	ERIK_HUGHES@SIEMENSGOVT.COM
Contact Title:	QUALITY ASSURANCE REPRESENTATIVE
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1675 BRANDYWINE AVENUE
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	IPT CHULA VISTA IC LP C/O INDUSTRIAL PROPERTY TRUST INC
Owner Type:	Private
Operator Name:	CURTISS-WRIGHT ELECTRO-MECHANICAL CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **1007200720**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-24 18:31:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **1007200720**

Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D036
Waste Description: NITROBENZENE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **1007200720**

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	YALE CO
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	IPT CHULA VISTA IC LP C/O INDUSTRIAL PROPERTY TRUST INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	518 17TH STREET 17TH FLOOR
Owner/Operator City,State,Zip:	DENVER, CO 80202
Owner/Operator Telephone:	858-546-5465
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RYAN.SPADLING@CUSHWAKE.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DRESSER-RAND
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PAUL CLARK DRIVE
Owner/Operator City,State,Zip:	OLEAN, NY 14760
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CURTISS-WRIGHT ELECTRO-MECHANICAL CORPORATION
Legal Status:	Private
Date Became Current:	2018-04-02 00:00:00.

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **1007200720**

Date Ended Current: Not reported
Owner/Operator Address: 1675 BRANDYWINE AVENUE
Owner/Operator City,State,Zip: CHULA VISTA, CA 91911
Owner/Operator Telephone: 619-656-4740
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DRESSER-RAND
Legal Status: Private
Date Became Current: 2003-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DRESSER RAND CO
Legal Status: Private
Date Became Current: 2004-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2004-02-09 00:00:00.0
Handler Name: DRESSER RAND COMPANY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2018-08-20 00:00:00.0
Handler Name: CURTISS-WRIGHT - FLEET SOLUTIONS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **1007200720**

Electronic Manifest Broker: No

Receive Date: 2006-01-25 00:00:00.0
Handler Name: DRESSER-RAND REAPIR CENTER
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: 333911
NAICS Description: PUMP AND PUMPING EQUIPMENT MANUFACTURING

NAICS Code: 333912
NAICS Description: AIR AND GAS COMPRESSOR MANUFACTURING

NAICS Code: 81131
NAICS Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-01-11 00:00:00.0
Actual Return to Compliance Date: 2006-02-01 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 2006-01-11 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: 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

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **1007200720**

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

Evaluation Action Summary:
Evaluation Date: 2006-01-11 00:00:00.0
Evaluation Responsible Agency: Local
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2006-02-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **1007200720**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-11-06 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

D14 **CURTISS-WRIGHT - FLEET SOLUTIONS** **CA San Diego Co. HMMD** **S106065048**
ESE **1675 BRANDYWINE AVE** **CA CERS HAZ WASTE** **N/A**
< 1/8 **CHULA VISTA, CA 91911** **CA HAZNET**
0.084 mi. **CA CERS**
446 ft. **Site 4 of 5 in cluster D**

Relative:
Lower

Actual:
158 ft.

HMMD SAN DIEGO:

Name:	SUPERIOR POOL PRODUCTS LLC
Address:	1675 BRANDYWINE AVE C
City,State,Zip:	CHULA VISTA, CA 91911-6064
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	(619) 283-2066
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	10/14/2020
Facility Owner:	Not reported
Facility Mailing Address:	109 Northpark Blvd., Suite 123, Covington, LA 70433
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	N
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-001492
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5568953

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Return To Compliance Date:	2016-11-07T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-10-14T00:45:07.000
Inspection Date:	2016-10-21T15:01:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-001492
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5568953
Return To Compliance Date:	2016-11-07T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-10-14T00:45:07.000
Inspection Date:	2016-10-21T15:01:00.000
Violation Code:	HMD1013 HMBP not readily available for review. HSC 25505(c)

Waste and Materials:

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0250188
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-10-06T01:54:43.000
Chemical Name:	Quartz (SiO2)
Common Name:	SAND
Case Number:	14808-60-7

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0250192
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-10-06T01:54:43.000
Chemical Name:	Propane
Common Name:	Liquefied Petroleum Gas (lpg)
Case Number:	74-98-6

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0250187
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-10-06T01:54:43.000
Chemical Name:	Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Common Name: SODIUM BROMIDE
Case Number: 497-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250194
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: Sodium Hypochlorite
Common Name: Sodium Hypochlorite
Case Number: 7681-52-9

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250195
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt, dihydrate
Common Name: Sodium dichloro-s-triazinetrione dihydrate
Case Number: 51580-86-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201725
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: Not reported
Common Name: SODA ASH
Case Number: 498-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201726
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201727
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: Sodium Bicarbonate
Common Name: ALKALINITY UP
Case Number: 144-55-8

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0201728
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-01-29T07:58:15.000
Chemical Name:	Not reported
Common Name:	BIG TABS, CHLORNATING TABS, ALGIBEN
Case Number:	Not reported

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0201729
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-01-29T07:58:15.000
Chemical Name:	Not reported
Common Name:	SODIUM BROMIDE
Case Number:	497-19-6

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0201730
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-01-29T07:58:15.000
Chemical Name:	Quartz (SiO2)
Common Name:	SAND
Case Number:	14808-60-7

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0201731
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-01-29T07:58:15.000
Chemical Name:	1,3,5-triazine-2,4,6(1h,3h,5h)-trione
Common Name:	POOL STABILIZER
Case Number:	108-80-5

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0201732
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-01-29T07:58:15.000
Chemical Name:	Hypochlorous Acid, Calcium Salt
Common Name:	CALCIUM HYPOCHLORITE GRANULES
Case Number:	Not reported

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201733
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: Not reported
Common Name: White Cement
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201734
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201735
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: Sodium Hypochlorite
Common Name: Sodium Hypochlorite
Case Number: 7681-52-9

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201736
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt, dihydrate
Common Name: Sodium dichloro-s-triazinetrione dihydrate
Case Number: 51580-86-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0201737
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-29T07:58:15.000
Chemical Name: 2,4,6-trichlorotriazine
Common Name: 2,4,6-trichlorotriazine
Case Number: 108-77-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166525

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Not reported
Common Name: SODA ASH
Case Number: 498-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166526
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166527
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Sodium Bicarbonate
Common Name: ALKALINITY UP
Case Number: 144-55-8

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166528
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Not reported
Common Name: BIG TABS, CHLORNATING TABS, ALGIBEN
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166529
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Not reported
Common Name: SODIUM BROMIDE
Case Number: 497-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166530
Trade Secret: N
Hazardous Material Type: Pure

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Quartz (SiO2)
Common Name: SAND
Case Number: 14808-60-7

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166531
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: 1,3,5-triazine-2,4,6(1h,3h,5h)-trione
Common Name: POOL STABILIZER
Case Number: 108-80-5

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166532
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Hypochlorous Acid, Calcium Salt
Common Name: CALCIUM HYPOCHLORITE GRANULES
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166533
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Not reported
Common Name: White Cement
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166534
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166535
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: Sodium Hypochlorite

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Common Name: Sodium Hypochlorite
Case Number: 7681-52-9

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166536
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:42:44.000
Chemical Name: 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt, dihydrate
Common Name: Sodium dichloro-s-triazinetrione dihydrate
Case Number: 51580-86-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217017
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: Not reported
Common Name: SODA ASH
Case Number: 498-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217018
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217019
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: Sodium Bicarbonate
Common Name: ALKALINITY UP
Case Number: 144-55-8

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217020
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: Not reported
Common Name: BIG TABS, CHLORNATING TABS, ALGIBEN
Case Number: Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0217021
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-04-16T02:14:27.000
Chemical Name:	Not reported
Common Name:	SODIUM BROMIDE
Case Number:	497-19-6

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0217022
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-16T02:14:27.000
Chemical Name:	Quartz (SiO2)
Common Name:	SAND
Case Number:	14808-60-7

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0217023
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-16T02:14:27.000
Chemical Name:	1,3,5-triazine-2,4,6(1h,3h,5h)-trione
Common Name:	POOL STABILIZER
Case Number:	108-80-5

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0217024
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-04-16T02:14:27.000
Chemical Name:	Hypochlorous Acid, Calcium Salt
Common Name:	CALCIUM HYPOCHLORITE GRANULES
Case Number:	Not reported

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0217025
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-16T02:14:27.000
Chemical Name:	Not reported
Common Name:	White Cement
Case Number:	Not reported

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217026
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217027
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: 2,4,6-trichlorotriazine
Common Name: 2,4,6-trichlorotriazine
Case Number: 108-77-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217028
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: Sodium Hypochlorite
Common Name: Sodium Hypochlorite
Case Number: 7681-52-9

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217029
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-16T02:14:27.000
Chemical Name: 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt, dihydrate
Common Name: Sodium dichloro-s-triazinetrione dihydrate
Case Number: 51580-86-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277263
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Not reported
Common Name: SODA ASH
Case Number: 498-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277264

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277265
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Sodium Bicarbonate
Common Name: ALKALINITY UP
Case Number: 144-55-8

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277266
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Not reported
Common Name: BIG TABS, CHLORNATING TABS, ALGIBEN
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277267
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Not reported
Common Name: SODIUM BROMIDE
Case Number: 497-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277268
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Quartz (SiO2)
Common Name: SAND
Case Number: 14808-60-7

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277269
Trade Secret: N
Hazardous Material Type: Pure

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Last Updated: 2020-10-14T00:45:11.000
Chemical Name: 1,3,5-triazine-2,4,6(1h,3h,5h)-trione
Common Name: POOL STABILIZER
Case Number: 108-80-5

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277270
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Hypochlorous Acid, Calcium Salt
Common Name: CALCIUM HYPOCHLORITE GRANULES
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277271
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Not reported
Common Name: White Cement
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277272
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277273
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: 2,4,6-trichlorotriazine
Common Name: 2,4,6-trichlorotriazine
Case Number: 108-77-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277274
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: Sodium Hypochlorite

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Common Name: Sodium Hypochlorite
Case Number: 7681-52-9

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0277275
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-14T00:45:11.000
Chemical Name: 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt, dihydrate
Common Name: Sodium dichloro-s-triazinetrione dihydrate
Case Number: 51580-86-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250183
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: Not reported
Common Name: SODA ASH
Case Number: 498-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250184
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250185
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: Sodium Bicarbonate
Common Name: ALKALINITY UP
Case Number: 144-55-8

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250186
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: Not reported
Common Name: BIG TABS, CHLORNATING TABS, ALGIBEN
Case Number: Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119381
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Not reported
Common Name: SODA ASH
Case Number: 498-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119382
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119383
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Sodium Bicarbonate
Common Name: ALKALINITY UP
Case Number: 144-55-8

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119384
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Not reported
Common Name: BIG TABS, CHLORNATING TABS, ALGIBEN
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119385
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Not reported
Common Name: SODIUM BROMIDE
Case Number: 497-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119386
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Quartz (SiO2)
Common Name: SAND
Case Number: 14808-60-7

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119387
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: 1,3,5-triazine-2,4,6(1h,3h,5h)-trione
Common Name: POOL STABILIZER
Case Number: 108-80-5

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119388
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Hypochlorous Acid, Calcium Salt
Common Name: CALCIUM HYPOCHLORITE GRANULES
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119389
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250193
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: 2,4,6-trichlorotriazine
Common Name: 2,4,6-trichlorotriazine
Case Number: 108-77-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168149

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Not reported
Common Name: SODA ASH
Case Number: 498-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168150
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168151
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Sodium Bicarbonate
Common Name: ALKALINITY UP
Case Number: 144-55-8

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168152
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Not reported
Common Name: BIG TABS, CHLORNATING TABS, ALGIBEN
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168153
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Not reported
Common Name: SODIUM BROMIDE
Case Number: 497-19-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168154
Trade Secret: N
Hazardous Material Type: Pure

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Quartz (SiO2)
Common Name: SAND
Case Number: 14808-60-7

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168155
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: 1,3,5-triazine-2,4,6(1h,3h,5h)-trione
Common Name: POOL STABILIZER
Case Number: 108-80-5

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168156
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Hypochlorous Acid, Calcium Salt
Common Name: CALCIUM HYPOCHLORITE GRANULES
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168157
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Not reported
Common Name: White Cement
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168158
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168159
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: Sodium Hypochlorite

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Common Name: Sodium Hypochlorite
Case Number: 7681-52-9

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168160
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T09:42:01.000
Chemical Name: 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt, dihydrate
Common Name: Sodium dichloro-s-triazinetrione dihydrate
Case Number: 51580-86-0

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250189
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: 1,3,5-triazine-2,4,6(1h,3h,5h)-trione
Common Name: POOL STABILIZER
Case Number: 108-80-5

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250190
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: Hypochlorous Acid, Calcium Salt
Common Name: CALCIUM HYPOCHLORITE GRANULES
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250191
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-10-06T01:54:43.000
Chemical Name: Not reported
Common Name: White Cement
Case Number: Not reported

Record ID: DEH2014-HUPFP-001492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119390
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-07T10:34:09.000
Chemical Name: Sodium Hypochlorite
Common Name: Sodium Hypochlorite
Case Number: 7681-52-9

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0119391
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-04-07T10:34:09.000
Chemical Name:	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt, dihydrate
Common Name:	Sodium dichloro-s-triazinetrione dihydrate
Case Number:	51580-86-0

Record ID:	DEH2014-HUPFP-001492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0119392
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-04-07T10:34:09.000
Chemical Name:	Not reported
Common Name:	White Cement
Case Number:	Not reported

Name:	ANTEON CORPORATION
Address:	1675 BRANDYWINE AV
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	136812
Business Type:	6HK70
EPA Id Number:	CAL000239821
APN:	644-040-44-00
Last HMMD Inspection:	10/09/2006
Facility Telephone:	619-397-7875
Permit Status:	CHNG
Permit Expiration:	01/31/2007
Date Last Updated:	11/02/2012
Facility Owner:	ANTEON CORPORATION
Facility Mailing Address:	1675 BRANDYWINE AV #A
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911-
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	ANTEON CORPORATION
Address:	1675 BRANDYWINE AV
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	136812
Business Type:	6HK70
EPA Id Number:	CAL000239821
APN:	644-040-44-00
Last HMMD Inspection:	10/09/2006
Facility Telephone:	619-397-7875

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Permit Status:	CHNG
Permit Expiration:	01/31/2007
Date Last Updated:	11/02/2012
Facility Owner:	ANTEON CORPORATION
Facility Mailing Address:	1675 BRANDYWINE AV #A
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911-
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

CERS HAZ WASTE:

Name:	CURTISS-WRIGHT - FLEET SOLUTIONS
Address:	1675 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	112716
CERS ID:	10152811
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	CURTISS-WRIGHT - FLEET SOLUTIONS
Address:	1675 BRANDYWINE AVE
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 919110000
Contact:	ERIK HUGHES
Telephone:	6194823402
Mailing Name:	Not reported
Mailing Address:	1675 BRANDYWINE AVE
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.55000
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	CAD980675276
CA Waste Code:	121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.20500
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	CAD980675276
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Tons:	0.25000
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	ARD069748192
CA Waste Code:	352 - Other organic solids
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.02500
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.20000
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	AZD049318009
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:	0.02500
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	2.43945
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	CAT000613976
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.71780
Year:	2019
Gepaid:	CAR000150854
TSD EPA ID:	CAD044429835
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03810
Year:	2018
Gepaid:	CAR000150854
TSD EPA ID:	CAT000613976
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Tons: 2.43600

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

Additional Info:

Year:	2017
Gen EPA ID:	CAR000150854
Shipment Date:	20171226
Creation Date:	6/20/2018 18:31:46
Receipt Date:	20180115
Manifest ID:	006526531SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBOR
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20171127
Creation Date:	8/10/2018 18:30:35
Receipt Date:	20171211
Manifest ID:	006164339SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20171208
Manifest ID:	006251334SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
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:	20171120
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20171208
Manifest ID:	006251334SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171208
Manifest ID:	006251333SKS
Trans EPA ID:	TXR000081205

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS OF BUTTONWILLOW
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	8/1/2018 18:31:15
Receipt Date:	20171127
Manifest ID:	006418460SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171030
Creation Date:	6/13/2018 18:30:46
Receipt Date:	20171116
Manifest ID:	006362393SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20170927
Creation Date:	7/10/2018 18:30:28
Receipt Date:	20171003
Manifest ID:	006351485SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.294
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170927
Creation Date:	5/30/2018 18:31:28
Receipt Date:	20171016
Manifest ID:	006354055SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Additional Code 1:	D039
Additional Code 2:	D035
Additional Code 3:	D018
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20170831
Creation Date:	10/16/2018 18:30:53
Receipt Date:	20170914
Manifest ID:	006123403SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	CURTISS-WRIGHT - FLEET SOLUTIONS
Address:	1675 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	112716
CERS ID:	10152811
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	112716
Site Name:	Curtiss-Wright - Fleet Solutions
Violation Date:	03-06-2018
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/15/2018.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	112716
Site Name:	Curtiss-Wright - Fleet Solutions
Violation Date:	03-06-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 03/12/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 112716
Site Name: Curtiss-Wright - Fleet Solutions
Violation Date: 01-14-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 01/14/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4093725
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4093725
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5863910
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5863910
Eval Division: San Diego County Department of Env Health

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5450933
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5450933
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6397094
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2007
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Matt Trainor
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1675 Brandywine Ave, Suite F
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Carolyn Straton
Entity Title: Corporate Director, EHS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Curtiss Wright Electro-Mechanical Corp
Entity Title: Not reported
Affiliation Address: 1675 Brandywine Ave, Suite F
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91911
Affiliation Phone: (619) 482-3417

Affiliation Type Desc: Environmental Contact
Entity Name: Joshua Guedesse
Entity Title: Not reported
Affiliation Address: 1675 Brandywine Ave, Suite F
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Curtiss-Wright Electro-Mechanical Corp
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Curtiss-Wright - Fleet Solutions
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: (619) 482-3417

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Document Preparer
Entity Name: Carolyn Straton
Entity Title: Not reported
Affiliation Address: Not reported

CURTISS-WRIGHT - FLEET SOLUTIONS (Continued) **S106065048**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D15 **ANTEON CORPORATION** **RCRA-VSQG** **1004677590**
ESE **1675 BRANDYWINE STE A** **FINDS** **CAR000099267**
< 1/8 **CHULA VISTA, CA 91911** **ECHO**
0.084 mi.
446 ft. **Site 5 of 5 in cluster D**

Relative: **Lower**
Actual: **158 ft.**

RCRA-VSQG:

Date Form Received by Agency:		2001-07-02 00:00:00.0
Handler Name:	ANTEON CORPORATION	
Handler Address:		1675 BRANDYWINE STE A
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAR000099267
Contact Name:		VELDA SMITH
Contact Address:		1675 BRANDYWINE STE A
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-881-8918
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1675 BRANDYWINE STE A
Mailing City,State,Zip:		CHULA VISTA, CA 91911
Owner Name:		ANTEON CORP
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		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:		---

ANTEON CORPORATION (Continued) **1004677590**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:36:21.0
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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANTEON CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3211 JERMANTOWN RD STE 200
Owner/Operator City,State,Zip:	FAIRFAX, VA 22030
Owner/Operator Telephone:	703-246-0200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ANTEON CORPORATION (Continued) **1004677590**

Historic Generators:

Receive Date:	2001-07-02 00:00:00.0
Handler Name: ANTEON CORPORATION	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110012202892

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1004677590
Registry ID:	110012202892
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012202892
Name:	ANTEON CORPORATION
Address:	1675 BRANDYWINE STE A
City,State,Zip:	CHULA VISTA, CA 91911

E16 **NYPRO SAN DIEGO INC** **RCRA-SQG** **1001075603**
South **505 OTAY VALLEY RD** **FINDS** **CAR000006916**
< 1/8 **CHULA VISTA, CA 91911**
0.085 mi.
450 ft. **Site 1 of 8 in cluster E**

Relative: **Lower**
Actual: **135 ft.**

RCRA-SQG:

Date Form Received by Agency:		1995-11-06 00:00:00.0
Handler Name:	NYPRO SAN DIEGO INC	
Handler Address:		505 OTAY VALLEY RD
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAR000006916
Contact Name:		MICHAEL LAMB
Contact Address:		505 OTAY VALLEY RD
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-482-7033
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		OTAY VALLEY RD
Mailing City,State,Zip:		CHULA VISTA, CA 91911
Owner Name:		NYPRO SAN DIEGO INC
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

NYPRO SAN DIEGO INC (Continued) **1001075603**

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:	2000-09-15 17:30:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYPRO SAN DIEGO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 OTAY VALLEY RD
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-482-7033
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-11-06 00:00:00.0
Handler Name: NYPRO SAN DIEGO INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

NYPRO SAN DIEGO INC (Continued) **1001075603**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110011649939

Click Here:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
Registry ID: 110070731909

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

E17 **NYPRO SAN DIEGO** **CA San Diego Co. HMMD** **S105022287**
South **505 MAIN ST** **CA CERS HAZ WASTE** **N/A**
< 1/8 **CHULA VISTA, CA 91911** **CA CERS TANKS**
0.085 mi. **CA NPDES**
450 ft. **Site 2 of 8 in cluster E** **CA CIWQS**
CA CERS

Relative:
Lower

Actual:
135 ft.

HMMD SAN DIEGO:
Name: NYPRO SAN DIEGO
Address: 505 MAIN ST
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAR000006916
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 6196519252
Permit Status: Permit Renewed
Permit Expiration: Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Date Last Updated: 01/06/2021
Facility Owner: Not reported
Facility Mailing Address: 505 MAIN STREET, CHULA VSTA, CA 91911-6059
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-130637
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6053699
Return To Compliance Date: 2019-03-18T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-01-06T02:11:31.000
Inspection Date: 2019-03-14T00:00:00.000
Violation Code: 3030010 Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-130637
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6053699
Return To Compliance Date: 2019-03-14T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-01-06T02:11:31.000
Inspection Date: 2019-03-14T00:00:00.000
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-130637
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5582120
Return To Compliance Date: 2016-12-12T00:00:00.000

NYPRO SAN DIEGO (Continued) **S105022287**

Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-01-06T02:11:31.000
Inspection Date:	2016-11-29T15:05:00.000
Violation Code:	3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d)
Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-130637
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5582120
Return To Compliance Date:	2016-11-29T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-01-06T02:11:31.000
Inspection Date:	2016-11-29T15:05:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Waste and Materials:

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0243371
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-05-13T02:05:52.000
Chemical Name:	petrothene
Common Name:	Resin - 100199NL
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0243375
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-05-13T02:05:52.000
Chemical Name:	Simple Green
Common Name:	Simple Green
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0243376
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-05-13T02:05:52.000

NYPRO SAN DIEGO (Continued) **S105022287**

Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214361
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-13T02:05:55.000
Chemical Name: HYDRAULIC OIL
Common Name: USED HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214362
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-13T02:05:55.000
Chemical Name: Soild Waste, Oily
Common Name: Soild Waste, Oily
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0214363
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-13T02:05:55.000
Chemical Name: ArmaKleen MM-Dip Cleaning Solution Waste
Common Name: Ultrasonic washer waste fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243364
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: SYNTHETIC THERMOPLASTIC POLYMER
Common Name: LEXAN
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243365
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: LINEAR LOW DENSITY POLYETHYLENE
Common Name: RESIN - LINEAR LOW DENSITY POLYETHYLENE SILO 2

NYPRO SAN DIEGO (Continued) **S105022287**

Case Number: 9002-88-4

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243366
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: POLYETHYLENE
Common Name: HDPE
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243367
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: POLYETHYLENE
Common Name: POLYETHYLENE 808A SILO 1
Case Number: 9002-88-4

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243368
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: POLYETHYLENE TERPHTALATE (PET)
Common Name: GLASS FIBER REINFORCED PET VARIOUS COLORS
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243369
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: POLYPROPYLENE
Common Name: POLYPROPYLENE
Case Number: 9003-17-0

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243370
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: UNAX AW
Common Name: HYDRAULIC OIL
Case Number: Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0129740
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-04-25T02:32:11.000
Chemical Name:	SULFURIC ACID
Common Name:	LEAD ACID BATTERY (SULFURIC ACID)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0211309
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	ISOPROPYL ALCOHOL
Common Name:	ALCOHOL
Case Number:	67-63-0

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0129741
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-04-25T02:32:11.000
Chemical Name:	SYNTHETIC THERMOPLASTIC POLYMER
Common Name:	LEXAN
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0129742
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-04-25T02:32:11.000
Chemical Name:	LINEAR LOW DENSITY POLYETHYLENE
Common Name:	RESIN - LINEAR LOW DENSITY POLYETHYLENE SILO 2
Case Number:	9002-88-4

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0129743
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-04-25T02:32:11.000
Chemical Name:	POLYETHYLENE
Common Name:	HDPE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed

NYPRO SAN DIEGO (Continued) **S105022287**

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129744
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: POLYETHYLENE
Common Name: POLYETHYLENE 808A SILO 1
Case Number: 9002-88-4

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129745
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: POLYETHYLENE TERPHTALATE (PET)
Common Name: GLASS FIBER REINFORCED PET VARIOUS COLORS
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129746
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: POLYPROPYLENE
Common Name: POLYPROPYLENE
Case Number: 9003-17-0

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129747
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: UNAX AW
Common Name: HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129748
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: petrothene
Common Name: Resin - 100199NL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129749

NYPRO SAN DIEGO (Continued) **S105022287**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: Clariant NG71676015 co-polyester
Common Name: Clariant NG71676015
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129750
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: PVC ALPH 3032-95-003 CLEAR (PVC)
Common Name: PVC ALPH 3032-95-003 CLEAR (PVC)
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129751
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: ALUMINUM ALLOY
Common Name: Tin Foil Solid
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129752
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129753
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: Simple Green
Common Name: Simple Green
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108097
Trade Secret: N
Hazardous Material Type: Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Last Updated: 2018-04-25T02:32:11.000
Chemical Name: Not reported
Common Name: USED HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108098
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: Soild Waste, Oily
Common Name: Soild Waste, Oily
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283107
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283108
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: Simple Green
Common Name: Simple Green
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283109
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: ALUMINUM ALLOY
Common Name: Tin Foil Solid
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283110
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: PVC ALPH 3032-95-003 CLEAR (PVC)

NYPRO SAN DIEGO (Continued) **S105022287**

Common Name: PVC ALPH 3032-95-003 CLEAR (PVC)
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283111
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: Clariant NG71676015 co-polyester
Common Name: Clariant NG71676015
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283112
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: petrothene
Common Name: Resin - 100199NL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283113
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: UNAX AW
Common Name: HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283114
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: POLYPROPYLENE
Common Name: POLYPROPYLENE
Case Number: 9003-17-0

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283115
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: POLYETHYLENE TERPHTALATE (PET)
Common Name: GLASS FIBER REINFORCED PET VARIOUS COLORS
Case Number: Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0283116
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-01-06T02:11:37.000
Chemical Name:	POLYETHYLENE
Common Name:	POLYETHYLENE 808A SILO 1
Case Number:	9002-88-4

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0283117
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-01-06T02:11:37.000
Chemical Name:	POLYETHYLENE
Common Name:	HDPE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0283118
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-01-06T02:11:37.000
Chemical Name:	LINEAR LOW DENSITY POLYETHYLENE
Common Name:	RESIN - LINEAR LOW DENSITY POLYETHYLENE SILO 2
Case Number:	9002-88-4

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0283119
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-01-06T02:11:37.000
Chemical Name:	SYNTHETIC THERMOPLASTIC POLYMER
Common Name:	LEXAN
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0283120
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-01-06T02:11:37.000
Chemical Name:	SULFURIC ACID
Common Name:	LEAD ACID BATTERY (SULFURIC ACID)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed

NYPRO SAN DIEGO (Continued) **S105022287**

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283121
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: ISOPROPYL ALCOHOL
Common Name: ALCOHOL
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283122
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: HEAVY DUTY CLEANER DEGREASER
Common Name: CLEANER DEGREASER
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283123
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: PURE OXYGEN GAS
Common Name: COMPRESSED OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283124
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: ACRYLIC ACID ETHYL ESTER POLYMER WITH ETHYLENE
Common Name: AMPLIFY EA 100 FUNCTIONAL POLYMER
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251770
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: ArmaKleen MM-Dip Cleaning Solution Waste
Common Name: Ultrasonic washer waste fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251771

NYPRO SAN DIEGO (Continued) **S105022287**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: Soild Waste, Oily
Common Name: Soild Waste, Oily
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0251772
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-06T02:11:37.000
Chemical Name: HYDRAULIC OIL
Common Name: USED HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129735
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: ACRYLIC ACID ETHYL ESTER POLYMER WITH ETHYLENE
Common Name: AMPLIFY EA 100 FUNCTIONAL POLYMER
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129736
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: PURE OXYGEN GAS
Common Name: COMPRESSED OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129737
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: COMPRESSED ACETYLENE GAS
Common Name: ACETYLENE GAS
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129738
Trade Secret: N
Hazardous Material Type: Mixture

NYPRO SAN DIEGO (Continued) **S105022287**

Last Updated: 2018-04-25T02:32:11.000
Chemical Name: HEAVY DUTY CLEANER DEGREASER
Common Name: CLEANER DEGREASER
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129739
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-25T02:32:11.000
Chemical Name: ISOPROPYL ALCOHOL
Common Name: ALCOHOL
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243361
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: HEAVY DUTY CLEANER DEGREASER
Common Name: CLEANER DEGREASER
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243362
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: ISOPROPYL ALCOHOL
Common Name: ALCOHOL
Case Number: 67-63-0

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243359
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: ACRYLIC ACID ETHYL ESTER POLYMER WITH ETHYLENE
Common Name: AMPLIFY EA 100 FUNCTIONAL POLYMER
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243360
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: PURE OXYGEN GAS

NYPRO SAN DIEGO (Continued) **S105022287**

Common Name: COMPRESSED OXYGEN
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243363
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: SULFURIC ACID
Common Name: LEAD ACID BATTERY (SULFURIC ACID)
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243372
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: Clariant NG71676015 co-polyester
Common Name: Clariant NG71676015
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243373
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: PVC ALPH 3032-95-003 CLEAR (PVC)
Common Name: PVC ALPH 3032-95-003 CLEAR (PVC)
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243374
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-13T02:05:52.000
Chemical Name: ALUMINUM ALLOY
Common Name: Tin Foil Solid
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211306
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: ACRYLIC ACID ETHYL ESTER POLYMER WITH ETHYLENE
Common Name: AMPLIFY EA 100 FUNCTIONAL POLYMER
Case Number: Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0211307
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	PURE OXYGEN GAS
Common Name:	COMPRESSED OXYGEN
Case Number:	7782-44-7

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0211308
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	HEAVY DUTY CLEANER DEGREASER
Common Name:	CLEANER DEGREASER
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0211310
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	SULFURIC ACID
Common Name:	LEAD ACID BATTERY (SULFURIC ACID)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0211311
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	SYNTHETIC THERMOPLASTIC POLYMER
Common Name:	LEXAN
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0211312
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	LINEAR LOW DENSITY POLYETHYLENE
Common Name:	RESIN - LINEAR LOW DENSITY POLYETHYLENE SILO 2
Case Number:	9002-88-4

Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed

NYPRO SAN DIEGO (Continued) **S105022287**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211313
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: POLYETHYLENE
Common Name: HDPE
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211314
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: POLYETHYLENE
Common Name: POLYETHYLENE 808A SILO 1
Case Number: 9002-88-4

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211315
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: POLYETHYLENE TERPHTALATE (PET)
Common Name: GLASS FIBER REINFORCED PET VARIOUS COLORS
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211316
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: POLYPROPYLENE
Common Name: POLYPROPYLENE
Case Number: 9003-17-0

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211317
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: UNAX AW
Common Name: HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211318

NYPRO SAN DIEGO (Continued) **S105022287**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: petrothene
Common Name: Resin - 100199NL
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211319
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: Clariant NG71676015 co-polyester
Common Name: Clariant NG71676015
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211320
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: PVC ALPH 3032-95-003 CLEAR (PVC)
Common Name: PVC ALPH 3032-95-003 CLEAR (PVC)
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211321
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: ALUMINUM ALLOY
Common Name: Tin Foil Solid
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211322
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-06-09T20:23:29.000
Chemical Name: Simple Green
Common Name: Simple Green
Case Number: Not reported

Record ID: DEH2002-HUPFP-130637
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211323
Trade Secret: N
Hazardous Material Type: Pure

NYPRO SAN DIEGO (Continued) **S105022287**

Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	Propane
Common Name:	Liquefied Petroleum Gas (lpg)
Case Number:	74-98-6
Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0183465
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	HYDRAULIC OIL
Common Name:	USED HYDRAULIC OIL
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0183466
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	Soild Waste, Oily
Common Name:	Soild Waste, Oily
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-130637
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0183467
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-06-09T20:23:29.000
Chemical Name:	ArmaKleen MM-Dip Cleaning Solution Waste
Common Name:	Ultrasonic washer waste fluid
Case Number:	Not reported

Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	130637
Business Type:	6HK77
EPA Id Number:	CAR000006916
APN:	DEH-130637
Last HMMD Inspection:	07/08/2009
Facility Telephone:	619-482-7033
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	NYPRO, SAN DIEGO
Facility Mailing Address:	505 MAIN STREET
Facility Mailing City:	CHULA VSTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911-6059
UST Owner:	Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 130637
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 56705700001673P
Name: ACRYLITE
Other Information: ACRYLIC COPOLYMER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 64741-88-4
Name: HYDRAULIC OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 67-63-6
Name: ISOPROPYL ALCOHOL
Other Information: ISOPROPYL ALCOHOL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: LEAD ACID BATTERY
Other Information: Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	111211-39-3
Name:	LEXAN
Other Information:	SYNTHETIC THERMOPLASTIC POLYMER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	MARLEX
Other Information:	POLYETHYLENE
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	7727-39-9
Name:	NITROGEN GAS
Other Information:	(304 CFT)
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN COMPRESSD GAS
Other Information:	(337 CFT)
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	9002-88-4
Name:	POLYETHYLENE
Other Information:	RESIN
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	9002-88-4
Name:	POLYETHYLENE 808A
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Permit Number:	130637
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE
Other Information:	PROPANE LPG
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	PROPYLENE GLYCOL MIXTURE
Other Information:	DEGREASER / HEAVY DEGREASER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	130637
Update Date:	11/02/2012
Case Number:	1310-73-2
Name:	SODIUM HYDROXIDE
Other Information:	INT-43
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information:	SPENT SANDBLAST
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 212 OXYGENATED SOLVENTS
Other Information:	OXYGENATED SOLVENTS WASTE-METHANAL ETHYLACETATE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	ONE SOLVENT TANK / QSOL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: EQUIPMENT MAINTENANCE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: USED CONTAMINATED OILY PADS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: ZYTEL
Other Information: RESIN
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED

NYPRO SAN DIEGO (Continued) **S105022287**

Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0234
Violation:	FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation:	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV1015
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Did not have adequate employee training program 2732 &/or 25504(c)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV1009
Violation:	HMBP: INADEQUATE SITE MAP
Violation Citation:	Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	01/17/2006
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	01/17/2006
Violation Code:	6HV1011
Violation:	TRAINING RECORDS NOT AVAILABLE
Violation Citation:	Personnel training records not available. 19 CCR 2732
Activity:	ACTIVE

NYPRO SAN DIEGO (Continued) **S105022287**

Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	05/13/2004
Violation Code:	6HV0133
Violation:	MANIFEST COPY NOT SENT TO DTSC
Violation Citation:	Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	05/13/2004
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	05/13/2004
Violation Code:	6HV1003
Violation:	HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation:	Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	07/08/2009
Violation Code:	6HV0133
Violation:	MANIFEST COPY NOT SENT TO DTSC
Violation Citation:	Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	07/08/2009
Violation Code:	6HV0138
Violation:	NO TSDF SIGNED MANIFEST ONSITE
Violation Citation:	Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity:	ACTIVE
Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	130637
Business Type:	6HK77
EPA Id Number:	CAR000006916
APN:	DEH-130637
Last HMMD Inspection:	07/08/2009

NYPRO SAN DIEGO (Continued) **S105022287**

Facility Telephone: 619-482-7033
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: NYPRO, SAN DIEGO
Facility Mailing Address: 505 MAIN STREET
Facility Mailing City: CHULA VSTA
Facility Mailing State: CA
Facility Mailing Zip: 91911-6059
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 130637
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 56705700001673P
Name: ACRYLITE
Other Information: ACRYLIC COPOLYMER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 64741-88-4
Name: HYDRAULIC OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 67-63-6
Name: ISOPROPYL ALCOHOL

NYPRO SAN DIEGO (Continued) **S105022287**

Other Information:	ISOPROPYL ALCOHOL
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	LEAD ACID BATTERY
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	111211-39-3
Name:	LEXAN
Other Information:	SYNTHETIC THERMOPLASTIC POLYMER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	MARLEX
Other Information:	POLYETHYLENE
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	7727-39-9
Name:	NITROGEN GAS
Other Information:	(304 CFT)
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN COMPRESSD GAS
Other Information:	(337 CFT)
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	9002-88-4
Name:	POLYETHYLENE
Other Information:	RESIN
Material Waste:	Material
Hazardous Categories 1:	FIRE

NYPRO SAN DIEGO (Continued) **S105022287**

Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 9002-88-4
Name: POLYETHYLENE 808A
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: PROPANE LPG
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: PROPYLENE GLYCOL MIXTURE
Other Information: DEGREASER / HEAVY DEGREASER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE
Other Information: INT-43
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SPENT SANDBLAST
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: OXYGENATED SOLVENTS WASTE-METHANAL ETHYLACETATE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637

NYPRO SAN DIEGO (Continued) **S105022287**

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: ONE SOLVENT TANK / QSOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: EQUIPMENT MAINTENANCE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: USED CONTAMINATED OILY PADS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: ZYTEL
Other Information: RESIN
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007

NYPRO SAN DIEGO (Continued) **S105022287**

Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0234
Violation:	FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation:	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV1015
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Did not have adequate employee training program 2732 &/or 25504(c)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV1009
Violation:	HMBP: INADEQUATE SITE MAP
Violation Citation:	Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	01/17/2006
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) &

NYPRO SAN DIEGO (Continued) **S105022287**

66262.34(a)&(c)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 01/17/2006
Violation Code: 6HV1011
Violation: TRAINING RECORDS NOT AVAILABLE
Violation Citation: Personnel training records not available. 19 CCR 2732
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 05/13/2004
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 05/13/2004
Violation Code: 6HV0209
Violation: WASTE ONSITE >90/180/270 DAYS
Violation Citation: Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 05/13/2004
Violation Code: 6HV1003
Violation: HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation: Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 07/08/2009
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 07/08/2009
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)

NYPRO SAN DIEGO (Continued) **S105022287**

Activity: ACTIVE

Name: NYPRO SAN DIEGO
Address: 505 MAIN ST
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: 130637
Business Type: 6HK77
EPA Id Number: CAR000006916
APN: DEH-130637
Last HMMD Inspection: 07/08/2009
Facility Telephone: 619-482-7033
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: NYPRO, SAN DIEGO
Facility Mailing Address: 505 MAIN STREET
Facility Mailing City: CHULA VSTA
Facility Mailing State: CA
Facility Mailing Zip: 91911-6059
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 130637
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 56705700001673P
Name: ACRYLITE
Other Information: ACRYLIC COPOLYMER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012

NYPRO SAN DIEGO (Continued) **S105022287**

Case Number: 64741-88-4
Name: HYDRAULIC OIL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 67-63-6
Name: ISOPROPYL ALCOHOL
Other Information: ISOPROPYL ALCOHOL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: LEAD ACID BATTERY
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 111211-39-3
Name: LEXAN
Other Information: SYNTHETIC THERMOPLASTIC POLYMER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: MARLEX
Other Information: POLYETHYLENE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 7727-39-9
Name: NITROGEN GAS
Other Information: (304 CFT)
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSD GAS
Other Information: (337 CFT)

NYPRO SAN DIEGO (Continued) **S105022287**

Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	9002-88-4
Name:	POLYETHYLENE
Other Information:	RESIN
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	9002-88-4
Name:	POLYETHYLENE 808A
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE
Other Information:	PROPANE LPG
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	PROPYLENE GLYCOL MIXTURE
Other Information:	DEGREASER / HEAVY DEGREASER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	1310-73-2
Name:	SODIUM HYDROXIDE
Other Information:	INT-43
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	130637
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information:	SPENT SANDBLAST
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: OXYGENATED SOLVENTS WASTE-METHANAL ETHYLACETATE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: ONE SOLVENT TANK / QSOL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: EQUIPMENT MAINTENANCE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: USED CONTAMINATED OILY PADS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 130637
Update Date: 11/02/2012
Case Number: Not reported
Name: ZYTEL
Other Information: RESIN
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 09/18/2007
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012

NYPRO SAN DIEGO (Continued) **S105022287**

Inspection Date:	09/18/2007
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0234
Violation:	FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation:	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV1015
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Did not have adequate employee training program 2732 &/or 25504(c)
Activity:	ACTIVE
Permit Number:	130637
Update Date:	11/02/2012
Inspection Date:	09/18/2007
Violation Code:	6HV1009
Violation:	HMBP: INADEQUATE SITE MAP
Violation Citation:	Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5)

NYPRO SAN DIEGO (Continued) **S105022287**

& 25505(a)(2)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 01/17/2006
Violation Code: 6HV0209
Violation: WASTE ONSITE >90/180/270 DAYS
Violation Citation: Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 01/17/2006
Violation Code: 6HV1011
Violation: TRAINING RECORDS NOT AVAILABLE
Violation Citation: Personnel training records not available. 19 CCR 2732
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 05/13/2004
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 05/13/2004
Violation Code: 6HV0209
Violation: WASTE ONSITE >90/180/270 DAYS
Violation Citation: Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 05/13/2004
Violation Code: 6HV1003
Violation: HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation: Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 07/08/2009
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)

NYPRO SAN DIEGO (Continued) **S105022287**

Activity: ACTIVE

Permit Number: 130637
Update Date: 11/02/2012
Inspection Date: 07/08/2009
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity: ACTIVE

CERS HAZ WASTE:
Name: NYPRO SAN DIEGO
Address: 505 MAIN ST
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 398455
CERS ID: 10358584
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: NYPRO SAN DIEGO
Address: 505 MAIN ST
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 398455
CERS ID: 10358584
CERS Description: Aboveground Petroleum Storage

NPDES:
Name: NYPRO A JABIL COMPANY
Address: 505 MAIN ST
City,State,Zip: CHULA VISTA, CA 91911
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: 9 37NEC004792
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: 12/13/2018
Operator Name: Nypro a Jabil Company
Operator Address: 505 Main St

NYPRO SAN DIEGO (Continued) **S105022287**

Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911
Name:	NYPRO A JABIL COMPANY
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	503602
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37NEC004792
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/13/2018
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	505 Main St
Discharge Name:	Nypro a Jabil Company
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
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:	9 37I027446
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

NYPRO SAN DIEGO (Continued) **S105022287**

Status Date:	08/15/2019
Operator Name:	Nypro a Jabil Company
Operator Address:	505 Main St
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	488229
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I027446
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/31/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Nypro a Jabil Company
Discharge Address:	505 Main St
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
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

NYPRO SAN DIEGO (Continued) **S105022287**

Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
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:	Not reported
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:	Returned
Status Date:	09/07/2019
Operator Name:	Nypro a Jabil Company
Operator Address:	505 Main St
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911

NYPRO SAN DIEGO (Continued) **S105022287**

Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	488229
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37I027446
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/31/2017
Termination Date Of Regulatory Measure:	12/13/2018
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	505 Main St
Discharge Name:	Nypro a Jabil Company
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
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:	9
Regulatory Measure ID:	488229
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I027446
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/31/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Nypro a Jabil Company
Discharge Address:	505 Main St
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
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

NYPRO SAN DIEGO (Continued) **S105022287**

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

Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	9 37NEC003066
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:	10/18/2017
Operator Name:	Nypro a Jabil Company
Operator Address:	505 Main St
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	9
Regulatory Measure ID:	445959
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37NEC003066
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/25/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	10/18/2017
Discharge Name:	Nypro a Jabil Company
Discharge Address:	505 Main St
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
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

NYPRO SAN DIEGO (Continued) **S105022287**

Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	445959
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC003066
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

NYPRO SAN DIEGO (Continued) **S105022287**

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	03/15/2017
Processed Date:	04/25/2014
Status:	Active
Status Date:	03/15/2017
Place Size:	3.27
Place Size Unit:	Acres
Contact:	Brian Charles
Contact Title:	Contact
Contact Phone:	619-651-9231
Contact Phone Ext:	Not reported
Contact Email:	brian_charles@jabil.com
Operator Name:	Nypro a Jabil Company
Operator Address:	505 Main St
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911
Operator Contact:	Brian Charles
Operator Contact Title:	Safety Manager
Operator Contact Phone:	619-494-4198
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	brian.charles@nypro.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Ocean
Certifier:	Brian Charles
Certifier Title:	Safety Manager
Certification Date:	15-MAR-17

NYPRO SAN DIEGO (Continued) **S105022287**

Primary Sic:	3089-Plastics Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
Agency:	Nypro a Jabil Company
Agency Address:	505 Main St, Chula Vista, CA 91911
Place/Project Type:	Industrial - Plastics Products, NEC
SIC/NAICS:	3089
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37NEC003066
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	04/25/2014
Termination Date:	10/18/2017
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	32.59564
Longitude:	-117.03176

Name:	NYPRO SAN DIEGO
Address:	505 MAIN ST
City,State,Zip:	CHULA VISTA, CA 91911
Agency:	Nypro a Jabil Company
Agency Address:	505 Main St, Chula Vista, CA 91911
Place/Project Type:	Industrial - Plastics Products, NEC
SIC/NAICS:	3089
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37I027446
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	10/31/2017
Termination Date:	12/13/2018
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0

NYPRO SAN DIEGO (Continued) **S105022287**

Latitude: 32.59564
Longitude: -117.03176

CERS:
Name: NYPRO SAN DIEGO
Address: 505 MAIN ST
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 398455
CERS ID: 10358584
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 398455
Site Name: NYPRO SAN DIEGO
Violation Date: 11-29-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 11/29/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 398455
Site Name: NYPRO SAN DIEGO
Violation Date: 11-29-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 12/12/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 398455
Site Name: NYPRO SAN DIEGO
Violation Date: 03-14-2019
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount

NYPRO SAN DIEGO (Continued) **S105022287**

greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 03/18/2019. Inspection Sequence ID:6053699
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 398455
Site Name: NYPRO SAN DIEGO
Violation Date: 03-14-2019
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/14/2019. Inspection Sequence ID:6053699
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4418793
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4418793
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4418793
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6053699
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

NYPRO SAN DIEGO (Continued) **S105022287**

Eval Date:	03-14-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Farhang Farnaz Inspection ID:6053699
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Farhang Farnaz Inspection ID:6053699
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-29-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5582120
Eval Division:	San Diego County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-29-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5582120
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-29-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5582120
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	398455
Facility Name:	NYPRO SAN DIEGO
Env Int Type Code:	HMBP
Program ID:	10358584
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	32.595700
Longitude:	-117.031750

Affiliation:

Affiliation Type Desc:	Environmental Contact

NYPRO SAN DIEGO (Continued) **S105022287**

Entity Name:	Jerry Griffith
Entity Title:	Not reported
Affiliation Address:	505 MAIN ST
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Nypro, Inc
Entity Title:	Not reported
Affiliation Address:	505 Main St.
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91911
Affiliation Phone:	(619) 482-7033
Affiliation Type Desc:	Parent Corporation
Entity Name:	NYPRO SAN DIEGO
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:	505 MAIN STREET
Affiliation City:	CHULA VSTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911-6059
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Operator
Entity Name:	NYPRO SAN DIEGO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Affiliation Phone: (619) 651-9252

Affiliation Type Desc: Property Owner
Entity Name: Ken Rethwisch
Entity Title: Not reported
Affiliation Address: 10262 Sterling Ave
Affiliation City: Villa Park
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92861
Affiliation Phone: (619) 494-4198

Affiliation Type Desc: Document Preparer
Entity Name: Joe Feeney
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: Joe Feeney
Entity Title: Plant Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: NYPRO PACKAGING
Address: 505 MAIN ST
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 355439
CERS ID: 9191WNYPRP55MAI
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Brian Charles
Entity Title: Safety Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Company
Entity Name: JABIL CIRCUIT INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

NYPRO SAN DIEGO (Continued) **S105022287**

Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Public Contact
Entity Name:	Dave Armour
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	6196519214
Affiliation Type Desc:	Technical Contact
Entity Name:	Matthew D. Eaton
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	6267337563

E18 **CALIBER COLLISION CENTERS** **RCRA NonGen / NLR** **1026491924**
South **515 MAIN ST** **CAL000456689**
< 1/8 **CHULA VISTA, CA 91911**
0.086 mi.
452 ft. **Site 3 of 8 in cluster E**

Relative: **Lower**

Actual: **139 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-10-29 00:00:00.0
Handler Name:	CALIBER COLLISION CENTERS
Handler Address:	515 MAIN ST
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000456689
Contact Name:	SHARON LAWRENCE
Contact Address:	2941 LAKE VISTA DR
Contact City,State,Zip:	LEWISVILLE, TX 75067
Contact Telephone:	469-948-4500
Contact Fax:	Not reported
Contact Email:	LICENSEANDPERMITS@CALIBERCOLLISION.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2941 LAKE VISTA DR
Mailing City,State,Zip:	LEWISVILLE, TX 75067
Owner Name:	CALIBER BODYWORKS INC
Owner Type:	Other
Operator Name:	CALIBER BODYWORKS INC
Operator Type:	Other

CALIBER COLLISION CENTERS (Continued) **1026491924**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-05 18:08:00.0
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

CALIBER COLLISION CENTERS (Continued) **1026491924**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIBER BODYWORKS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA DR
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIBER BODYWORKS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA DR
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHARON LAWRENCE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA DR
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIBER BODYWORKS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA DR
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-10-29 00:00:00.0
Handler Name:	CALIBER COLLISION CENTERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

CALIBER COLLISION CENTERS (Continued) **1026491924**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-09-09 00:00:00.0
Handler Name: CALIBER COLLISION CENTERS
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E19 **PFCV LLC DBA PENSKE COLLISION CENTER CHULA VISTA** **RCRA NonGen / NLR** **1024859566**
South **515 MAIN ST** **CAL000426811**
< 1/8 **CHULA VISTA, CA 91911**
0.086 mi.
452 ft. **Site 4 of 8 in cluster E**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 2019-06-03 00:00:00.0
Actual: Handler Name: PFCV LLC DBA PENSKE COLLISION CENTER CHULA VISTA
139 ft. Handler Address: 515 MAIN ST
Handler City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAL000426811
Contact Name: TED STEIN
Contact Address: LA MESA BLVD
Contact City,State,Zip: LA MESA, CA 91942
Contact Telephone: 619-433-6060
Contact Fax: 619-668-7709
Contact Email: TSTEIN@SOCALPENSKE.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

PFCV LLC DBA PENSKE COLLISION CENTER CHULA VISTA (Continued) **1024859566**

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	LA MESA BLVD
Mailing City,State,Zip:	LA MESA, CA 91942
Owner Name:	PFCV LLC
Owner Type:	Other
Operator Name:	TED STEIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-12 16:54:59.0

PFCV LLC DBA PENSKE COLLISION CENTER CHULA VISTA (Continued) **1024859566**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PFCV LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9136 FIRESTONE BLVD
Owner/Operator City,State,Zip:	DOWNEY, CA 90241
Owner/Operator Telephone:	562-904-5605
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TED STEIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8970 LA MESA BLVD
Owner/Operator City,State,Zip:	LA MESA, CA 91942
Owner/Operator Telephone:	619-433-6060
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-03 00:00:00.0
Handler Name:	PFCV LLC DBA PENSKE COLLISION CENTER CHULA VISTA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

PFCV LLC DBA PENSKE COLLISION CENTER CHULA VISTA (Continued) **1024859566**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E20 **FORD COLLISION CENTER** **CA CERS HAZ WASTE** **S123508907**
South **515 MAIN** **CA CERS** **N/A**
< 1/8 **CHULA VISTA, CA 91911**
0.086 mi.
452 ft. **Site 5 of 8 in cluster E**

Relative:
Lower

Actual:
139 ft.

CERS HAZ WASTE:
Name: FORD COLLISION CENTER
Address: 515 MAIN
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 32052
CERS ID: 10359214
CERS Description: Hazardous Waste Generator

CERS:
Name: FORD COLLISION CENTER
Address: 515 MAIN
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 32052
CERS ID: 10359214
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 32052
Site Name: FORD COLLISION CENTER
Violation Date: 07-31-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 08/16/2019. Inspection Sequence ID:6299392
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 32052
Site Name: FORD COLLISION CENTER
Violation Date: 09-16-2015
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 12/15/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

FORD COLLISION CENTER (Continued) **S123508907**

Site ID: 32052
Site Name: FORD COLLISION CENTER
Violation Date: 07-31-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/13/2019. Inspection Sequence ID:6299392;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 32052
Site Name: FORD COLLISION CENTER
Violation Date: 07-31-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/13/2019. Inspection Sequence ID:6299392;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 32052
Site Name: FORD COLLISION CENTER
Violation Date: 07-31-2019
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 08/21/2019. Inspection Sequence ID:6299392
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6299392
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4280154
Eval Division: San Diego County Department of Env Health

FORD COLLISION CENTER (Continued) **S123508907**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4280154
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5749787
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5749787
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6299392
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: CV Automotive Group Inc
Entity Title: Not reported
Affiliation Address: 560 Auto Park Drive
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91911
Affiliation Phone: (619) 656-2500

Affiliation Type Desc: Parent Corporation
Entity Name: CV Automotive Group Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

FORD COLLISION CENTER (Continued) **S123508907**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Nathan Cespedes
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Environmental Contact
Entity Name:	CV Automotive Group Inc
Entity Title:	Not reported
Affiliation Address:	560 Auto Park Drive
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	515 MAIN
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	CV Automotive Group Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(619) 656-2500

E21
South
< 1/8
0.086 mi.
452 ft.

CDK AUTOMOTIVE GROUP DBA FORD COLLISION CENTER OF
515 MAIN ST
CHULA VISTA, CA 91911

Site 6 of 8 in cluster E

RCRA NonGen / NLR **1025873334**
CAL000446460

Relative:
Lower

Actual:
139 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-06-04 00:00:00.0
Handler Name:	CDK AUTOMOTIVE GROUP DBA FORD COLLISION CENTER OF CHULA VISTA
Handler Address:	515 MAIN ST
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000446460
Contact Name:	MIKE ALLISON
Contact Address:	952 MONSERATE AVE
Contact City,State,Zip:	CHULA VISTA, CA 91911
Contact Telephone:	619-838-4757
Contact Fax:	619-656-3366
Contact Email:	MALLISON@SOCIALPENSIC.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:	560 AUTO PARK DR
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	ROBERT VALDES
Owner Type:	Other
Operator Name:	MIKE ALLISON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CDK AUTOMOTIVE GROUP DBA FORD COLLISION CENTER OF CHULA VIST (Continued) **1025873334**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:32:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT VALDES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2453 DOWN DR
Owner/Operator City,State,Zip:	HAVASU CITY, AZ 86404
Owner/Operator Telephone:	760-336-2100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE ALLISON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	952 MONSERATE AVE
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-838-4757
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CDK AUTOMOTIVE GROUP DBA FORD COLLISION CENTER OF CHULA VIST (Continued) **1025873334**

Historic Generators:
- Receive Date: 2019-06-04 00:00:00.0
- Handler Name: CDK AUTOMOTIVE GROUP DBA FORD COLLISION CENTER OF CHULA VISTA
- 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: 441110
- NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

22
North
< 1/8
0.104 mi.
549 ft.

TIMM, GARY **RCRA NonGen / NLR** **1025864998**
1585 MENDOCINO DR UNIT #17 **CAC003045845**
CHULA VISTA, CA 91911

Relative:
Higher

Actual:
279 ft.

RCRA NonGen / NLR:
- Date Form Received by Agency: 2019-12-04 00:00:00.0
- Handler Name: TIMM, GARY
- Handler Address: 1585 MENDOCINO DR UNIT #17
- Handler City,State,Zip: CHULA VISTA, CA 91911
- EPA ID: CAC003045845
- Contact Name: TIMM, GARY
- Contact Address: 1585 MENDOCINO DR UNIT #17
- Contact City,State,Zip: CHULA VISTA, CA 91911
- Contact Telephone: 619-438-8982
- Contact Fax: Not reported
- Contact Email: MAGGIEP@PWSEI.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Not reported
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 1585 MENDOCINO DR UNIT #17
- Mailing City,State,Zip: CHULA VISTA, CA 91911
- Owner Name: TIMM, GARY

TIMM, GARY (Continued) **1025864998**

Owner Type:	Other
Operator Name:	TIMM, GARY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-12-06 16:31:21.0
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

TIMM, GARY (Continued) **1025864998**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TIMM, GARY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1585 MENDOCINO DR UNIT #17
Owner/Operator City,State,Zip: CHULA VISTA, CA 91911
Owner/Operator Telephone: 619-438-8982
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TIMM, GARY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1585 MENDOCINO DR UNIT #17
Owner/Operator City,State,Zip: CHULA VISTA, CA 91911
Owner/Operator Telephone: 619-438-8982
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-12-04 00:00:00.0
Handler Name: TIMM, GARY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C23 **HYSPAN PRECISION PRODUCTS INC** **CA HIST UST** **1000345124**
SE **1685 BRANDYWINE AVE** **N/A**
< 1/8 **CHULA VISTA, CA 92011**
0.108 mi.
569 ft. **Site 2 of 4 in cluster C**

Relative:
Lower

Actual:
146 ft.

HIST UST:

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 92011
File Number:	0002B114
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002B114.pdf
Region:	STATE
Facility ID:	00000002098
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	WILLIAM T. AUSTIN, FACILITIES
Telephone:	6194211355
Owner Name:	DONALD R. HEYE
Owner Address:	3028 MCCALL
Owner City,St,Zip:	SAN DIEGO, CA 92106
Total Tanks:	0001
Tank Num:	001
Container Num:	001
Year Installed:	1983
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

C24 **HYSPAN PRECISION PRODUCTS INC** **CA San Diego Co. HMMD** **S113000579**
SE **1685 BRANDYWINE AVE** **CA CERS HAZ WASTE** **N/A**
< 1/8 **CHULA VISTA, CA 91911** **CA HAZNET**
0.108 mi. **CA NPDES**
569 ft. **Site 3 of 4 in cluster C** **CA CIWQS**
CA CERS

Relative:
Lower

CA HWTS

Actual:
146 ft.

HMMD SAN DIEGO:

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAD043647130
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	6194211355
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	06/24/2020
Facility Owner:	Not reported
Facility Mailing Address:	1685 BRANDYWINE AVE, CHULA VISTA, CA 91911
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2002-HUPFP-119570
Permit Status: Expired
Active Permit: N
Facility Id Number: 37-000-119570
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5225728
Return To Compliance Date: 2015-02-12T00:00:00.000
Nov: Yes
Violation Classification: Class I
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-03-01T05:46:27.000
Inspection Date: 2015-02-06T11:13:00.000
Violation Code: HMD0142 No treatment notification. Failed to notify Hazardous Materials Division (HMD) for eligible onsite treatment. HSC 25201(a).

Record ID: DEH2002-HUPFP-119570
Permit Status: Expired
Active Permit: N
Facility Id Number: 37-000-119570
Program Element: Hazardous Waste Treatment
Inspection Type: Routine
Inspection Number: 5225728
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: 00
Last Update: 2021-03-01T05:46:27.000
Inspection Date: 2015-02-06T11:13:00.000
Violation Code: HMD1713 Facility does not meet all POTW industrial waste discharge requirements, as applicable, or is missing records of such. (CEL: 25201.14(c)(1); PBR: 67450.3(c)(5)(A).

Record ID: DEH2002-HUPFP-119570
Permit Status: Expired
Active Permit: N
Facility Id Number: 37-000-119570
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5225728
Return To Compliance Date: 2015-02-12T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-03-01T05:46:27.000
Inspection Date: 2015-02-06T11:13:00.000

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Violation Code:	HMD0224 Empty cont not managed. Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22CCR 66261.7(e) & (f).
Record ID:	DEH2002-HUPFP-119570
Permit Status:	Expired
Active Permit:	N
Facility Id Number:	37-000-119570
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5225728
Return To Compliance Date:	2015-02-12T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-03-01T05:46:27.000
Inspection Date:	2015-02-06T11:13:00.000
Violation Code:	3050002 Failure to properly dispose of hazardous waste at an authorized location.; HSC 6.5 25189.5(a).
Record ID:	DEH2002-HUPFP-119570
Permit Status:	Expired
Active Permit:	N
Facility Id Number:	37-000-119570
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5225728
Return To Compliance Date:	2015-02-12T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-03-01T05:46:27.000
Inspection Date:	2015-02-06T11:13:00.000
Violation Code:	3030007 Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.; 22 CCR 12 66262.34(f).
Record ID:	DEH2002-HUPFP-119570
Permit Status:	Expired
Active Permit:	N
Facility Id Number:	37-000-119570
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	5225728
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	00
Last Update:	2021-03-01T05:46:27.000
Inspection Date:	2015-02-06T11:13:00.000
Violation Code:	3250005 Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept,

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA. HSC 6.5 25201(a)

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Expired
Active Permit:	N
Facility Id Number:	37-000-119570
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5225728
Return To Compliance Date:	2015-02-12T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-03-01T05:46:27.000
Inspection Date:	2015-02-06T11:13:00.000
Violation Code:	3020001 Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response. 22 CCR 12 66262.34(d)(2); 40 CFR 1 262.34(d)(5)(iii)

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Expired
Active Permit:	N
Facility Id Number:	37-000-119570
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5225728
Return To Compliance Date:	2015-02-12T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-03-01T05:46:27.000
Inspection Date:	2015-02-06T11:13:00.000
Violation Code:	3030030 Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..; 22 CCR 12 66262.34(d)(2); 40 CFR 1 265.31.

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Expired
Active Permit:	N
Facility Id Number:	37-000-119570
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5225728
Return To Compliance Date:	2015-03-06T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-03-01T05:46:27.000

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Inspection Date: 2015-02-06T11:13:00.000
Violation Code: 3030005 Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years 22 CCR 12 66262.11, 66262.40(c).

Record ID: DEH2002-HUPFP-119570
Permit Status: Expired
Active Permit: N
Facility Id Number: 37-000-119570
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5225728
Return To Compliance Date: 2016-01-15T00:00:00.000
Nov: Yes
Violation Classification: Class I
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-03-01T05:46:27.000
Inspection Date: 2015-02-06T11:13:00.000
Violation Code: 1010007 Failure to submit a revised business plan upon a substantial change in the handler's operations; HSC 6.95 25508.1(f)

Record ID: DEH2002-HUPFP-119570
Permit Status: Expired
Active Permit: N
Facility Id Number: 37-000-119570
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5225728
Return To Compliance Date: 2015-02-12T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-03-01T05:46:27.000
Inspection Date: 2015-02-06T11:13:00.000
Violation Code: 3030004 Failure to properly handle, manage, label, and recycle used oil and fuel filters.; 22 CCR 16 66266.130.

Waste and Materials:
Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128231
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: DEGREASER: TUFF JOB
Common Name: DEGREASER: TUFF JOB
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128232
Trade Secret: N
Hazardous Material Type: Pure

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Last Updated: 2017-01-28T01:03:07.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128233
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Common Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128234
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: BLASOCUT
Common Name: COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128235
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128236
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128237
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: Oxygen

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128238
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: ARGON/CO2
Common Name: ARGIB
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128239
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: ARGON-HELIUM-CARBON DIOXIDE
Common Name: TRIMIX
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128240
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: ARGON/OXYGEN
Common Name: ARGON/OXYGEN
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0128241
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-28T01:03:07.000
Chemical Name: Propene
Common Name: Propene (HPG)
Case Number: 115-07-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0107008
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-28T01:03:10.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT FILTERS & DRY PAINT
Case Number: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107009
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-28T01:03:10.000
Chemical Name:	WASTE 221 WASTE OIL & MIXED OIL
Common Name:	MACHINE LUBE, HYDRAULIC
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107010
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-28T01:03:10.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	Kleen-Blast
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107011
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-28T01:03:10.000
Chemical Name:	WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Common Name:	SILVER RECOVERY UNIT X1
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107012
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-28T01:03:10.000
Chemical Name:	Lubricating oils, used
Common Name:	Used lubricating oils
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107013
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-28T01:03:10.000
Chemical Name:	Oily debris/solid waste
Common Name:	Oily debris/solid waste
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174452
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Common Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174453
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: BLASOCUT
Common Name: COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174454
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: ARGON/CO2
Common Name: ARGIB
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174455
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: ARGON-HELIUM-CARBON DIOXIDE
Common Name: TRIMIX
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174458
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174459

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174460
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0148839
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T01:06:35.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT FILTERS & DRY PAINT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0148840
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T01:06:35.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: MACHINE LUBE, HYDRAULIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0148841
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T01:06:35.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: Kleen-Blast
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0148842
Trade Secret: N
Hazardous Material Type: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Last Updated: 2018-04-10T01:06:35.000
Chemical Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Common Name: SILVER RECOVERY UNIT X1
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0148844
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T01:06:35.000
Chemical Name: Distillates (petroleum), Hydrotreated Light Paraffinic
Common Name: Hydraulic OIL ISO 32
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0148845
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T01:06:35.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257796
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: BLASOCUT
Common Name: COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174450
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: DEGREASER: TUFF JOB
Common Name: DEGREASER: TUFF JOB
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174451
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: ACETONE

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257793
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: DEGREASER: TUFF JOB
Common Name: DEGREASER: TUFF JOB
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174456
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: ARGON/OXYGEN
Common Name: ARGON/OXYGEN
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0174457
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T01:06:34.000
Chemical Name: Propene
Common Name: Propene (HPG)
Case Number: 115-07-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208509
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: ARGON/OXYGEN
Common Name: ARGON/OXYGEN
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181855
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181856
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	Oxygen
Common Name:	Oxygen
Case Number:	7782-44-7

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181858
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	Aufix Universal Fixer - Part A
Common Name:	Fixer - Part A
Case Number:	10192-30-0

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181859
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	Aufix Universal Fixer - Part B
Common Name:	Fixer - Part B
Case Number:	10043-01-3

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181860
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	Propane (LPG)
Common Name:	Green Gas
Case Number:	74-98-6

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0156177
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	Oily debris/solid waste
Common Name:	Oily debris/solid waste
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257805
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Helium Gas
Common Name: Helium - Compressed Gas
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141468
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141462
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT FILTERS & DRY PAINT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141463
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: MACHINE LUBE, HYDRAULIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141464
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: Kleen-Blast
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141465

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Common Name: SILVER RECOVERY UNIT X1
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141466
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: Oily debris/solid waste
Common Name: Oily debris/solid waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141467
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: Distillates (petroleum), Hydrotreated Light Paraffinic
Common Name: Hydraulic OIL ISO 32
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0148843
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T01:06:35.000
Chemical Name: Oily debris/solid waste
Common Name: Oily debris/solid waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166514
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: DEGREASER: TUFF JOB
Common Name: DEGREASER: TUFF JOB
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166515
Trade Secret: N
Hazardous Material Type: Pure

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Last Updated: 2018-01-19T00:40:32.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166516
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Common Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166517
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: BLASOCUT
Common Name: COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166518
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: ARGON/CO2
Common Name: ARGIB
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166519
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: ARGON-HELIUM-CARBON DIOXIDE
Common Name: TRIMIX
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166520
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: ARGON/OXYGEN

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Common Name: ARGON/OXYGEN
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166521
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: Propene
Common Name: Propene (HPG)
Case Number: 115-07-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166522
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166523
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166524
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-19T00:40:32.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208506
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: BLASOCUT
Common Name: COOLANT
Case Number: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181846
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	DEGREASER: TUFF JOB
Common Name:	DEGREASER: TUFF JOB
Case Number:	MIXTURE

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181847
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	ACETONE
Common Name:	ACETONE
Case Number:	67-64-1

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181848
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Common Name:	PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Case Number:	74-98-6

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181849
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	BLASOCUT
Common Name:	COOLANT
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0181850
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-25T15:26:45.000
Chemical Name:	ARGON/CO2
Common Name:	ARGIB
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181851
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: ARGON-HELIUM-CARBON DIOXIDE
Common Name: TRIMIX
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181852
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: ARGON/OXYGEN
Common Name: ARGON/OXYGEN
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181853
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: Propene
Common Name: Propene (HPG)
Case Number: 115-07-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181854
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181857
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: HYDREX MV ARTIC 15
Common Name: Artic Oil
Case Number: 8042-47-5

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156173

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT FILTERS & DRY PAINT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156174
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: MACHINE LUBE, HYDRAULIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156175
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: Kleen-Blast
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156176
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Common Name: SILVER RECOVERY UNIT X1
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156178
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T15:26:45.000
Chemical Name: Distillates (petroleum), Hydrotreated Light Paraffinic
Common Name: Hydraulic OIL ISO 32
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0156179
Trade Secret: N
Hazardous Material Type: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Last Updated: 2018-10-25T15:26:45.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257799
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: ARGON/OXYGEN
Common Name: ARGON/OXYGEN
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257800
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Distillates (petroleum), Hydrotreated Light Paraffinic
Common Name: Hydraulic OIL ISO 32
Case Number: 64741-55-8

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0228638
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-24T00:58:21.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: Kleen-Blast
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0228639
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-24T00:58:21.000
Chemical Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Common Name: SILVER RECOVERY UNIT X1
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257794
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: ACETONE

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257810
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208514
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: Helium Gas
Common Name: Helium - Compressed Gas
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208515
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208516
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208517
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0257797
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-06-24T00:58:19.000
Chemical Name:	ARGON/CO2
Common Name:	ARGIB
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0257798
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-06-24T00:58:19.000
Chemical Name:	ARGON-HELIUM-CARBON DIOXIDE
Common Name:	TRIMIX
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0257809
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-06-24T00:58:19.000
Chemical Name:	NITROGEN, LIQUID
Common Name:	NITROGEN, LIQUID
Case Number:	7727-37-9

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0228640
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-24T00:58:21.000
Chemical Name:	Oily debris/solid waste
Common Name:	Oily debris/solid waste
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0228642
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-24T00:58:21.000
Chemical Name:	Lead Waste
Common Name:	Lead Waste
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257795
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Common Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257806
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Oxygen
Common Name: Oxygen Compressed
Case Number: 782-44-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0228643
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-24T00:58:21.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257801
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Aufix Universal Fixer - Part A
Common Name: Fixer - Part A
Case Number: 10192-30-0

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257802
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Aufix Universal Fixer - Part B
Common Name: Fixer - Part B
Case Number: 10043-01-3

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257803

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Propane (LPG)
Common Name: Green Gas
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257804
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen - Compressed Gas
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0257808
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-24T00:58:19.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0228636
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-24T00:58:21.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT FILTERS & DRY PAINT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0228637
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-24T00:58:21.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: MACHINE LUBE, HYDRAULIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0228641
Trade Secret: N
Hazardous Material Type: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Last Updated: 2020-06-24T00:58:21.000
Chemical Name: Mixed & Used Oil Waste
Common Name: Mixed & Used Oil Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0132188
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: Oily debris/solid waste
Common Name: Oily debris/solid waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153929
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: DEGREASER: TUFF JOB
Common Name: DEGREASER: TUFF JOB
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153930
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153931
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Common Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153932
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: BLASOCUT

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Common Name: COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153933
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: Argon, Liquid
Common Name: Argon, Liquid
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153934
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: NITROGEN, LIQUID
Common Name: NITROGEN, LIQUID
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153935
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153936
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: ARGON/CO2
Common Name: ARGIB
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0153937
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: ARGON-HELIUM-CARBON DIOXIDE
Common Name: TRIMIX
Case Number: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0153938
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-10-23T22:21:03.000
Chemical Name:	ARGON/OXYGEN
Common Name:	ARGON/OXYGEN
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0153939
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-10-23T22:21:03.000
Chemical Name:	Propene
Common Name:	Propene (HPG)
Case Number:	115-07-1

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0132183
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-10-23T22:21:03.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	PAINT FILTERS & DRY PAINT
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0132184
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-10-23T22:21:03.000
Chemical Name:	WASTE 221 WASTE OIL & MIXED OIL
Common Name:	MACHINE LUBE, HYDRAULIC
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0132185
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-10-23T22:21:03.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	Kleen-Blast
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-119570
Permit Status:	Permit Renewed

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Active Permit: Y
Child Record Id: DEH2017-HWAST-0132186
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Common Name: SILVER RECOVERY UNIT X1
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0132187
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0132189
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T22:21:03.000
Chemical Name: Distillates (petroleum), Hydrotreated Light Paraffinic
Common Name: Hydraulic OIL ISO 32
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0180793
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-20T13:51:23.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT FILTERS & DRY PAINT
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0180794
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-20T13:51:23.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: MACHINE LUBE, HYDRAULIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0180795

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-20T13:51:23.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: Kleen-Blast
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0180796
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-20T13:51:23.000
Chemical Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Common Name: SILVER RECOVERY UNIT X1
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0180797
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-20T13:51:23.000
Chemical Name: Oily debris/solid waste
Common Name: Oily debris/solid waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0180798
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-20T13:51:23.000
Chemical Name: Distillates (petroleum), Hydrotreated Light Paraffinic
Common Name: Hydraulic OIL ISO 32
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0180799
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-20T13:51:23.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208503
Trade Secret: N
Hazardous Material Type: Mixture

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Last Updated: 2020-03-20T13:51:22.000
Chemical Name: DEGREASER: TUFF JOB
Common Name: DEGREASER: TUFF JOB
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208504
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208507
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: ARGON/CO2
Common Name: ARGIB
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208505
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Common Name: PROPANE, LPG, ONE LARGE AS1 & 3 EA. CY
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208508
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: ARGON-HELIUM-CARBON DIOXIDE
Common Name: TRIMIX
Case Number: Not reported

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208510
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: Aufix Universal Fixer - Part A

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Common Name: Fixer - Part A
Case Number: 10192-30-0

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208511
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: Aufix Universal Fixer - Part B
Common Name: Fixer - Part B
Case Number: 10043-01-3

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208512
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: Propane (LPG)
Common Name: Green Gas
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-119570
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0208513
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-20T13:51:22.000
Chemical Name: Nitrogen Gas
Common Name: Nitrogen - Compressed Gas
Case Number: 7727-37-9

CERS HAZ WASTE:
Name: HYSPAN PRECISION PRODUCTS INC
Address: 1685 BRANDYWINE AVE
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 37483
CERS ID: 10358932
CERS Description: Hazardous Waste Generator

HAZNET:
Name: HYSPAN PRECISION PRODUCTS INC
Address: 1685 BRANDYWINE AVE
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 92116
Contact: DAVID MAY
Telephone: 6194211355
Mailing Name: Not reported
Mailing Address: 1685 BRANDYWINE AVE

Year: 2019

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Gepaid: CAD043647130
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.04250

Year: 2019
Gepaid: CAD043647130
TSD EPA ID: AZD081705402
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: 0.06500

Year: 2018
Gepaid: CAD043647130
TSD EPA ID: CAD097030993
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15000

Year: 2018
Gepaid: CAD043647130
TSD EPA ID: AZD081705402
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: 0.07250

Year: 2018
Gepaid: CAD043647130
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.47500

Year: 2018
Gepaid: CAD043647130
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.66800

Year: 2017
Gepaid: CAD043647130
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.56375

Year: 2017
Gepaid: CAD043647130

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSD EPA ID: CAT000646117
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.55

Year: 2017
Gepaid: CAD043647130
TSD EPA ID: ARD981057870
CA Waste Code: 352 - Other organic solids
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.08

Year: 2017
Gepaid: CAD043647130
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.45

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

Additional Info:
Year: 2008
Gen EPA ID: CAD043647130

Shipment Date: 20081112
Creation Date: 3/31/2009 18:30:08
Receipt Date: 20081117
Manifest ID: 001477907SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0588
Waste Quantity: 14
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080930
Creation Date: 11/17/2008 18:30:08
Receipt Date: 20081008

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Manifest ID:	004404350JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080825
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20080902
Manifest ID:	001398581SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080822
Creation Date:	10/10/2008 18:30:18
Receipt Date:	20080827
Manifest ID:	004404974JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080822
Creation Date:	1/28/2009 18:30:07
Receipt Date:	20080902
Manifest ID:	004404975JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080602
Creation Date:	10/30/2008 18:30:46
Receipt Date:	20080606
Manifest ID:	001146366SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080513
Creation Date:	8/4/2008 18:30:28
Receipt Date:	20080519
Manifest ID:	003512566JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080513
Creation Date:	10/10/2008 18:30:08
Receipt Date:	20080527
Manifest ID:	003512565JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080404
Creation Date:	8/29/2008 18:30:08

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Receipt Date:	20080411
Manifest ID:	003510984JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.165
Waste Quantity:	330
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080404
Creation Date:	5/30/2008 18:30:22
Receipt Date:	20080409
Manifest ID:	003510985JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD043647130

Shipment Date:	20071219
Creation Date:	5/15/2008 18:30:08
Receipt Date:	20071227
Manifest ID:	000948384SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.09174
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071105
Creation Date:	2/29/2008 18:30:31
Receipt Date:	20071115
Manifest ID:	003009125JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071105
Creation Date:	7/16/2008 18:30:34
Receipt Date:	20071126
Manifest ID:	003009126JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Meth Code:	- Not reported
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071102
Creation Date:	1/25/2008 18:30:14
Receipt Date:	20071107
Manifest ID:	003008354JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071102
Creation Date:	1/25/2008 18:30:14
Receipt Date:	20071107
Manifest ID:	003008354JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.209
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

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Shipment Date:	20071001
Creation Date:	3/5/2008 18:30:06
Receipt Date:	20071004
Manifest ID:	000798140SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070709
Creation Date:	1/8/2008 18:31:19
Receipt Date:	20070712
Manifest ID:	000442672SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070626
Creation Date:	10/22/2007 18:30:08
Receipt Date:	20070628
Manifest ID:	001932352JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070626
Creation Date:	10/22/2007 18:30:08
Receipt Date:	20070628
Manifest ID:	001932352JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070409
Creation Date:	8/23/2007 18:30:20
Receipt Date:	20070412
Manifest ID:	000471393SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD043647130
Shipment Date:	19970325
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970328
Manifest ID:	96605846
Trans EPA ID:	CA0000035576
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970325
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970328
Manifest ID:	96605846
Trans EPA ID:	CA0000035576
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970325
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970328
Manifest ID:	96605846
Trans EPA ID:	CA0000035576
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD043647130
Shipment Date:	20041012
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20041020
Manifest ID:	23718157
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
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

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Shipment Date:	20040723
Creation Date:	1/4/2005 18:32:14
Receipt Date:	20040730
Manifest ID:	23516969
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040503
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040510
Manifest ID:	23464073
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040203
Creation Date:	8/20/2004 9:31:41
Receipt Date:	20040211
Manifest ID:	22575068
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD043647130
Shipment Date:	20121112
Creation Date:	3/22/2013 22:15:24
Receipt Date:	20121115
Manifest ID:	003447069SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120824
Creation Date:	1/12/2013 22:15:35
Receipt Date:	20120828
Manifest ID:	003406265SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120803
Creation Date:	1/6/2013 22:15:16
Receipt Date:	20120816
Manifest ID:	003242412SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120803
Creation Date:	1/15/2013 22:15:15
Receipt Date:	20120809
Manifest ID:	003242408SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120803
Creation Date:	1/6/2013 22:15:16
Receipt Date:	20120816
Manifest ID:	003242412SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.575
Waste Quantity:	1150
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120803
Creation Date:	1/6/2013 22:15:16
Receipt Date:	20120816
Manifest ID:	003242412SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01984
Waste Quantity:	18
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120803
Creation Date:	1/15/2013 22:15:15
Receipt Date:	20120809

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Manifest ID:	003242408SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120530
Creation Date:	5/28/2013 22:15:05
Receipt Date:	20120604
Manifest ID:	002735385SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0546
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120328
Creation Date:	8/29/2012 22:15:17
Receipt Date:	20120405
Manifest ID:	003144047SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120328
Creation Date:	8/29/2012 22:15:17
Receipt Date:	20120405
Manifest ID:	003144047SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD043647130
Shipment Date:	20061027
Creation Date:	3/30/2007 13:32:07
Receipt Date:	20061103
Manifest ID:	000953105JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061017
Creation Date:	4/19/2007 18:30:50
Receipt Date:	20061019
Manifest ID:	001677213JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061017
Creation Date:	5/6/2008 18:30:17
Receipt Date:	20061101
Manifest ID:	001677214JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061017
Creation Date:	4/19/2007 18:30:50
Receipt Date:	20061019
Manifest ID:	001677213JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060810
Creation Date:	9/22/2006 18:34:00
Receipt Date:	20060815
Manifest ID:	24726683
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0834
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
Shipment Date:	20060803
Creation Date:	11/21/2006 18:30:04
Receipt Date:	20060815
Manifest ID:	25168053
Trans EPA ID:	CAD047782560

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060803
Creation Date:	9/28/2006 18:32:01
Receipt Date:	20060810
Manifest ID:	25168052
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060515
Creation Date:	12/20/2006 18:31:22
Receipt Date:	20060523
Manifest ID:	24609746
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.09174
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060306
Creation Date:	7/5/2006 12:03:31
Receipt Date:	20060309
Manifest ID:	25104978
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060306
Creation Date:	6/21/2006 18:32:21
Receipt Date:	Not reported
Manifest ID:	25104977
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Info:

Year:	1998
Gen EPA ID:	CAD043647130
Shipment Date:	19980303
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980303
Manifest ID:	96888963
Trans EPA ID:	CAR000003681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980303
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980303
Manifest ID:	96889052
Trans EPA ID:	CAD981162589
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980303
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980303
Manifest ID:	96889053
Trans EPA ID:	CAD028109585

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.0132
Waste Quantity:	19
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980303
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980303
Manifest ID:	96889054
Trans EPA ID:	CAD028109585
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.0132
Waste Quantity:	19
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980302
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980302
Manifest ID:	97423650
Trans EPA ID:	CAD981634116
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	24
Waste Quantity:	48000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980302
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980302
Manifest ID:	97423651
Trans EPA ID:	CAD981634116
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	24
Waste Quantity:	48000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980302
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980302
Manifest ID:	97423652
Trans EPA ID:	CAD981634116
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	24
Waste Quantity:	48000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Info:

Year:	2000
Gen EPA ID:	CAD043647130
Shipment Date:	20001129
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001201
Manifest ID:	20558686
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1918
Waste Quantity:	46
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000908
Creation Date:	11/14/2000 0:00:00
Receipt Date:	20000912
Manifest ID:	99653837
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2168
Waste Quantity:	52
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD043647130

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Shipment Date:	20141216
Creation Date:	5/8/2015 22:15:06
Receipt Date:	20141222
Manifest ID:	004600660SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141106
Creation Date:	6/26/2015 22:15:41
Receipt Date:	20141116
Manifest ID:	013366444JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST AND SONS
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141106
Creation Date:	6/26/2015 22:15:41
Receipt Date:	20141116
Manifest ID:	013366444JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST AND SONS

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	6/26/2015 22:15:35
Receipt Date:	20141114
Manifest ID:	013366445JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	JAG NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	4.5
Waste Quantity:	9000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	6/26/2015 22:15:35
Receipt Date:	20141114
Manifest ID:	013366445JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	JAG NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Quantity Tons:	0.325
Waste Quantity:	650
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140923
Creation Date:	2/12/2015 22:15:04
Receipt Date:	20140929
Manifest ID:	004330981SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140616
Creation Date:	11/2/2014 22:15:05
Receipt Date:	20140619
Manifest ID:	004362983SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 5:	Not reported
Shipment Date:	20140404
Creation Date:	9/9/2014 22:15:12
Receipt Date:	20140411
Manifest ID:	004215523SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140328
Creation Date:	8/17/2014 22:15:12
Receipt Date:	20140403
Manifest ID:	004089268SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140321
Creation Date:	8/22/2014 22:15:05
Receipt Date:	20140408
Manifest ID:	004215116SKS
Trans EPA ID:	TXR000081205

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES INC
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD043647130
Shipment Date:	20051129
Creation Date:	1/2/2007 18:30:32
Receipt Date:	20051202
Manifest ID:	24606411
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051111
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051117
Manifest ID:	24764306
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.627
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051111
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051117
Manifest ID:	24764306
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051111
Creation Date:	1/2/2007 18:30:32
Receipt Date:	20051117
Manifest ID:	24764305
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050907
Creation Date:	1/13/2006 15:15:13
Receipt Date:	20050915
Manifest ID:	23687764
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050613
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050621
Manifest ID:	24500544
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050325
Creation Date:	6/2/2005 18:31:52
Receipt Date:	20050331

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Manifest ID:	23668716
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050105
Creation Date:	4/20/2006 18:30:56
Receipt Date:	20050111
Manifest ID:	23653523
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD043647130

Shipment Date:	20031112
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031117
Manifest ID:	22854474
Trans EPA ID:	CAR000146951
Trans Name:	BETA ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031112
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031117
Manifest ID:	22854474
Trans EPA ID:	CAR000146951
Trans Name:	BETA ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031111
Creation Date:	8/9/2004 8:46:56
Receipt Date:	20031119
Manifest ID:	23303230
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030821
Creation Date:	7/29/2004 7:43:54
Receipt Date:	20030828
Manifest ID:	22874906
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030304
Creation Date:	5/19/2003 18:32:02
Receipt Date:	20030310
Manifest ID:	22438439
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Gen EPA ID:	CAD043647130
Shipment Date:	20101220
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20101229
Manifest ID:	006873273JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.44
Waste Quantity:	880
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	6/27/2011 18:30:10
Receipt Date:	20110118
Manifest ID:	006873276JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2475
Waste Quantity:	495
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101220
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20101229
Manifest ID:	006873273JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2475
Waste Quantity:	495
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101014
Creation Date:	3/3/2011 18:30:18
Receipt Date:	20101020
Manifest ID:	003650715FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100730
Creation Date:	1/26/2011 18:30:09
Receipt Date:	20100804
Manifest ID:	002434218SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100511
Creation Date:	12/16/2010 18:30:53
Receipt Date:	20100517
Manifest ID:	002256871SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
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
Shipment Date:	20100226
Creation Date:	11/30/2010 18:30:29
Receipt Date:	20100305
Manifest ID:	002387754SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100210
Creation Date:	11/3/2010 18:30:37
Receipt Date:	20100215
Manifest ID:	006076745JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.495
Waste Quantity:	990
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100210
Creation Date:	5/20/2010 18:30:09
Receipt Date:	20100217
Manifest ID:	006076744JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100210
Creation Date:	5/20/2010 18:30:09
Receipt Date:	20100217
Manifest ID:	006076744JJK
Trans EPA ID:	CAD047782560

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2475
Waste Quantity:	495
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD043647130
Shipment Date:	20151124
Creation Date:	6/10/2016 18:32:33
Receipt Date:	20151207
Manifest ID:	014910721JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	AZD982484578
Trans 2 Name:	TRANSCHEM ENVIRONMENTAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151124
Creation Date:	2/8/2016 22:17:27
Receipt Date:	20151201
Manifest ID:	014910722JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151124
Creation Date:	9/27/2016 18:30:52
Receipt Date:	20151130
Manifest ID:	014910723JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150921
Manifest ID:	015055834JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	1/5/2016 22:35:46
Receipt Date:	20150922
Manifest ID:	015055833JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150701
Creation Date:	2/8/2016 22:17:34
Receipt Date:	20150706
Manifest ID:	014501663JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
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

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 5:	Not reported
Shipment Date:	20150701
Creation Date:	2/8/2016 22:17:34
Receipt Date:	20150706
Manifest ID:	014501663JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
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:	20150611
Creation Date:	9/8/2015 22:15:08
Receipt Date:	20150617
Manifest ID:	014501077JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.39615
Waste Quantity:	95
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150611
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150618
Manifest ID:	014501060JJK
Trans EPA ID:	CAR000188201

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150605
Creation Date:	11/9/2015 22:15:07
Receipt Date:	20150611
Manifest ID:	004937590SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD043647130
Shipment Date:	20151124
Creation Date:	9/27/2016 18:30:52
Receipt Date:	20151130
Manifest ID:	014910723JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151124
Creation Date:	2/8/2016 22:17:27
Receipt Date:	20151201
Manifest ID:	014910722JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151124
Creation Date:	6/10/2016 18:32:33
Receipt Date:	20151207
Manifest ID:	014910721JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	AZD982484578
Trans 2 Name:	TRANSCHEM ENVIRONMENTAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	1/5/2016 22:35:46
Receipt Date:	20150922
Manifest ID:	015055833JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	2/9/2016 22:15:26
Receipt Date:	20150921
Manifest ID:	015055834JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 5:	Not reported
Shipment Date:	20150701
Creation Date:	2/8/2016 22:17:34
Receipt Date:	20150706
Manifest ID:	014501663JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
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:	20150701
Creation Date:	2/8/2016 22:17:34
Receipt Date:	20150706
Manifest ID:	014501663JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
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:	20150611
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150618
Manifest ID:	014501060JJK
Trans EPA ID:	CAR000188201

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150611
Creation Date:	9/8/2015 22:15:08
Receipt Date:	20150617
Manifest ID:	014501077JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO TECH
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.39615
Waste Quantity:	95
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150605
Creation Date:	11/9/2015 22:15:07
Receipt Date:	20150611
Manifest ID:	004937590SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAD043647130
Shipment Date:	20171115
Creation Date:	6/13/2018 18:31:23
Receipt Date:	20171117
Manifest ID:	015284934JJK
Trans EPA ID:	CAD053866794
Trans Name:	PATRIOT ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170629
Creation Date:	5/17/2018 18:31:47
Receipt Date:	20170706
Manifest ID:	015816934JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

	Regeneration, Organics Recovery Ect
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170629
Creation Date:	5/17/2018 18:31:47
Receipt Date:	20170706
Manifest ID:	015816934JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170629
Creation Date:	7/12/2018 18:30:29
Receipt Date:	20170709
Manifest ID:	015816931JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	AZD982484578
Trans 2 Name:	TRANSCHEM ENVIRONMENTAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 5:	Not reported
Shipment Date:	20170629
Creation Date:	5/17/2018 18:31:27
Receipt Date:	20170710
Manifest ID:	015816933JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170413
Creation Date:	5/9/2018 18:32:07
Receipt Date:	20170418
Manifest ID:	017035293JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES INC
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170413
Creation Date:	5/9/2018 18:32:31
Receipt Date:	20170419
Manifest ID:	017035294JJK
Trans EPA ID:	CAR000188201

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170413
Creation Date:	5/11/2018 18:34:48
Receipt Date:	20170423
Manifest ID:	017035292JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	AZD982484578
Trans 2 Name:	TRANSCHEM ENVIRONMENTAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170202
Creation Date:	5/18/2017 18:32:12
Receipt Date:	20170210
Manifest ID:	016802713JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170202
Creation Date:	5/18/2017 18:32:12
Receipt Date:	20170210
Manifest ID:	016802713JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD043647130
Shipment Date:	20091207
Creation Date:	10/26/2010 18:30:16
Receipt Date:	20091216
Manifest ID:	000303373CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Quantity Tons:	0.0672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090924
Creation Date:	10/26/2010 18:30:16
Receipt Date:	20090930
Manifest ID:	000269855CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0588
Waste Quantity:	14
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090817
Creation Date:	9/25/2009 18:30:20
Receipt Date:	20090821
Manifest ID:	006075130JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Shipment Date:	20090817
Creation Date:	3/5/2010 18:30:23
Receipt Date:	20090824
Manifest ID:	006075131JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090817
Creation Date:	9/25/2009 18:30:20
Receipt Date:	20090821
Manifest ID:	006075130JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090716
Creation Date:	12/8/2009 18:30:09
Receipt Date:	20090723
Manifest ID:	001884923SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
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
Shipment Date:	20090421
Creation Date:	8/17/2009 18:30:48
Receipt Date:	20090429
Manifest ID:	001907818SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090209
Creation Date:	6/16/2009 18:30:21
Receipt Date:	20090217
Manifest ID:	004864286JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	IND000646943
Trans Name:	POLLUTION CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090209
Creation Date:	4/3/2009 18:30:27
Receipt Date:	20090218
Manifest ID:	004864287JJK
Trans EPA ID:	CAD047782560
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090202
Creation Date:	6/3/2009 18:30:08
Receipt Date:	20090206
Manifest ID:	001605757SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0672
Waste Quantity:	16
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

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Info:

Year:	2001
Gen EPA ID:	CAD043647130
Shipment Date:	20010907
Creation Date:	10/23/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	21003829
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	KYD053348108
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010802
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010806
Manifest ID:	21112373
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2168
Waste Quantity:	52
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010516
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010518
Manifest ID:	20638995
Trans EPA ID:	SCR000075150

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2126
Waste Quantity:	51
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010221
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010223
Manifest ID:	20371189
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2168
Waste Quantity:	52
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD043647130

Shipment Date:	20111215
Creation Date:	6/27/2012 20:30:08
Receipt Date:	20111219
Manifest ID:	002719951SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110915
Creation Date:	2/15/2012 20:30:12
Receipt Date:	20110919
Manifest ID:	004327308FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
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
Shipment Date:	20110622
Creation Date:	11/30/2011 18:30:29
Receipt Date:	20110628
Manifest ID:	004253474FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110526
Creation Date:	11/12/2011 18:30:22
Receipt Date:	20110602
Manifest ID:	002580990SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110330
Creation Date:	9/13/2011 18:30:19
Receipt Date:	20110405
Manifest ID:	004295746FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
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

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Shipment Date:	20110103
Creation Date:	5/24/2011 18:30:28
Receipt Date:	20110106
Manifest ID:	003628840FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD043647130

Shipment Date:	20021211
Creation Date:	4/2/2003 18:31:15
Receipt Date:	20021217
Manifest ID:	22198069
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAD043647130

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Shipment Date:	20131004
Creation Date:	2/18/2014 22:15:06
Receipt Date:	20131008
Manifest ID:	003735533SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130715
Creation Date:	11/16/2013 22:15:17
Receipt Date:	20130719
Manifest ID:	003692832SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
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

Shipment Date:	20130422
Creation Date:	8/23/2013 22:15:19
Receipt Date:	20130425
Manifest ID:	003379089SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130221
Creation Date:	4/22/2013 22:15:13
Receipt Date:	20130228
Manifest ID:	006065128FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130221
Creation Date:	4/22/2013 22:15:13
Receipt Date:	20130228
Manifest ID:	006065128FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	172 - Metal dust (see 121) and machining waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.4
Waste Quantity:	16800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130221
Creation Date:	4/22/2013 22:15:13
Receipt Date:	20130228
Manifest ID:	006065128FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130204
Creation Date:	6/19/2013 22:15:16
Receipt Date:	20130207
Manifest ID:	003464932SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0756
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Additional Code 5:	Not reported
Shipment Date:	20130122
Creation Date:	6/28/2013 22:15:05
Receipt Date:	20130201
Manifest ID:	003559777SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130122
Creation Date:	6/28/2013 22:15:05
Receipt Date:	20130201
Manifest ID:	003559777SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

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:	9 37NEC002628
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:	10/17/2016
Operator Name:	Hyspan Precision Products Inc
Operator Address:	1685 Brandywine Ave
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	478678
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37NEC002628
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/17/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Hyspan Precision Products Inc
Discharge Address:	1685 Brandywine Ave
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
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

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	478678
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC002628
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

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:	10/13/2016
Processed Date:	10/17/2016
Status:	Active
Status Date:	10/17/2016
Place Size:	54000
Place Size Unit:	SqFt
Contact:	Benjamin Corral
Contact Title:	Quality Manager
Contact Phone:	619-421-1355
Contact Phone Ext:	Not reported
Contact Email:	bcorral@hyspan.com
Operator Name:	Hyspan Precision Products Inc
Operator Address:	1685 Brandywine Ave
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911
Operator Contact:	Benjamin Corral
Operator Contact Title:	Not reported
Operator Contact Phone:	619-421-1355
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bcorral@hyspan.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Certifier:	Benjamin Corral
Certifier Title:	Quality Manager
Certification Date:	13-OCT-16
Primary Sic:	3441-Fabricated Structural Metal
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	478678
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37NEC002628
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/17/2016
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1685 Brandywine Ave
Discharge Name:	Hyspan Precision Products Inc
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911
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:	9
Regulatory Measure ID:	478678
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37NEC002628
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/17/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Hyspan Precision Products Inc
Discharge Address:	1685 Brandywine Ave
Discharge City:	Chula Vista
Discharge State:	California
Discharge Zip:	91911

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	478678
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC002628
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:	10/13/2016
Processed Date:	10/17/2016
Status:	Active
Status Date:	10/17/2016
Place Size:	54000
Place Size Unit:	SqFt
Contact:	Benjamin Corral
Contact Title:	Quality Manager
Contact Phone:	619-421-1355
Contact Phone Ext:	Not reported
Contact Email:	bcorral@hyspan.com
Operator Name:	Hyspan Precision Products Inc
Operator Address:	1685 Brandywine Ave
Operator City:	Chula Vista
Operator State:	California
Operator Zip:	91911
Operator Contact:	Benjamin Corral
Operator Contact Title:	Not reported
Operator Contact Phone:	619-421-1355
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bcorral@hyspan.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

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:	Benjamin Corral
Certifier Title:	Quality Manager
Certification Date:	13-OCT-16
Primary Sic:	3441-Fabricated Structural Metal
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Agency:	Hyspan Precision Products Inc
Agency Address:	1685 Brandywine Ave, Chula Vista, CA 91911
Place/Project Type:	Industrial - Fabricated Structural Metal
SIC/NAICS:	3441
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37NEC002628
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	10/17/2016
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	32.59533
Longitude:	-117.029006

CERS:

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	37483
CERS ID:	850199
CERS Description:	Industrial Facility Storm Water

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Violations:

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description:	Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 01/15/2016. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728;Violation:HMD0142 No treatment notification. Failed to notify Hazardous Materials Division (HMD) for eligible onsite treatment. HSC 25201(a).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

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 02/12/2015. Inspection Sequence ID:5225728;Violation:HMD0224 Empty cont not managed. Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22CCR 66261.7(e) & (f).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	Returned to compliance on 02/12/2015. Container
Violation Division:	San Diego County Department of Env Health
Violation Program:	CA
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

to maintain analysis results for three years.
Violation Notes: Returned to compliance on 03/06/2015. Inspection Sequence ID:5225728
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 37483
Site Name: HYSPAN PRECISION PRODUCTS INC
Violation Date: 02-06-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5606087
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5606087
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6095738
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6095738
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 37483
Facility Name: HYSPAN PRECISION PRODUCTS INC
Env Int Type Code: HWG
Program ID: 10358932
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.595520
Longitude: -117.028310

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Devin Wheeler
Entity Title: Environmental Health & Safety Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Benjamin Corral
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Benjamin Corral
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:	(619) 421-1335
Affiliation Type Desc:	Owner/Operator
Entity Name:	Hyspan Precision Products Inc
Entity Title:	Operator
Affiliation Address:	1685 Brandywine Ave
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	HYSPAN PRECISION PRODUCTS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Environmental Contact
Entity Name:	Benjamin Corral
Entity Title:	Not reported
Affiliation Address:	1685 BRANDYWINE AVE
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Public Contact
Entity Name:	Devin Wheeler
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: 6194211355

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1685 Brandywine Ave
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Benjamin Corral
Entity Title: Quality Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Don Heye
Entity Title: Not reported
Affiliation Address: 1685 Brandywine Ave
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91911
Affiliation Phone: (619) 421-1355

Affiliation Type Desc: Technical Contact
Entity Name: Devin Wheeler
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: 6194211355

Name: HYSPAN PRECISION PRODUCTS INC
Address: 1685 BRANDYWINE AVE
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 37483
CERS ID: 10358932
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 37483
Site Name: HYSPAN PRECISION PRODUCTS INC
Violation Date: 02-06-2015
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5,

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

	Section(s) 25189.5(a)
Violation Description:	Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 01/15/2016. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728;Violation:HMD0142 No treatment notification. Failed to notify Hazardous Materials Division (HMD) for eligible onsite treatment. HSC 25201(a).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
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 02/12/2015. Inspection Sequence ID:5225728;Violation:HMD0224 Empty cont not managed. Failed to mark

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

	date on empty container larger than 5 gallons &/or manage it within one year. 22CCR 66261.7(e) & (f).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	Returned to compliance on 02/12/2015. Container
Violation Division:	San Diego County Department of Env Health
Violation Program:	CA
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 03/06/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Site ID: 37483
Site Name: HYSPAN PRECISION PRODUCTS INC
Violation Date: 02-06-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5606087
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5606087
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6095738
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6095738
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 37483
Facility Name: HYSPAN PRECISION PRODUCTS INC
Env Int Type Code: HWG
Program ID: 10358932
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.595520
Longitude: -117.028310

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Devin Wheeler
Entity Title: Environmental Health & Safety Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Benjamin Corral
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Benjamin Corral
Entity Title: Not reported
Affiliation Address: Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(619) 421-1335
Affiliation Type Desc:	Owner/Operator
Entity Name:	Hyspan Precision Products Inc
Entity Title:	Operator
Affiliation Address:	1685 Brandywine Ave
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	HYSPAN PRECISION PRODUCTS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Environmental Contact
Entity Name:	Benjamin Corral
Entity Title:	Not reported
Affiliation Address:	1685 BRANDYWINE AVE
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Public Contact
Entity Name:	Devin Wheeler
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	6194211355
Affiliation Type Desc:	Facility Mailing Address

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1685 Brandywine Ave
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Benjamin Corral
Entity Title:	Quality Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Don Heye
Entity Title:	Not reported
Affiliation Address:	1685 Brandywine Ave
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91911
Affiliation Phone:	(619) 421-1355
Affiliation Type Desc:	Technical Contact
Entity Name:	Devin Wheeler
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	6194211355

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	37483
CERS ID:	91977HYSPN1685B
CERS Description:	Toxic Release Inventory

Violations:

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description:	Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 01/15/2016. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728;Violation:HMD0142 No treatment notification. Failed to notify Hazardous Materials Division (HMD) for eligible onsite treatment. HSC 25201(a).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
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 02/12/2015. Inspection Sequence ID:5225728;Violation:HMD0224 Empty cont not managed. Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22CCR 66261.7(e) & (f).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	Returned to compliance on 02/12/2015. Container
Violation Division:	San Diego County Department of Env Health
Violation Program:	CA
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 03/06/2015. Inspection Sequence ID:5225728
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	37483
Site Name:	HYSPAN PRECISION PRODUCTS INC
Violation Date:	02-06-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 02/12/2015. Inspection Sequence ID:5225728
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5606087
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5606087
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:5225728
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2019

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6095738
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6095738
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 37483
Facility Name: HYSPAN PRECISION PRODUCTS INC
Env Int Type Code: HWG
Program ID: 10358932
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.595520
Longitude: -117.028310

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Devin Wheeler
Entity Title: Environmental Health & Safety Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Benjamin Corral
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Benjamin Corral
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: (619) 421-1335

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Affiliation Type Desc:	Owner/Operator
Entity Name:	Hyspan Precision Products Inc
Entity Title:	Operator
Affiliation Address:	1685 Brandywine Ave
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	HYSPAN PRECISION PRODUCTS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880

Affiliation Type Desc:	Environmental Contact
Entity Name:	Benjamin Corral
Entity Title:	Not reported
Affiliation Address:	1685 BRANDYWINE AVE
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported

Affiliation Type Desc:	Public Contact
Entity Name:	Devin Wheeler
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	6194211355

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1685 Brandywine Ave
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Benjamin Corral
Entity Title:	Quality Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Don Heye
Entity Title:	Not reported
Affiliation Address:	1685 Brandywine Ave
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91911
Affiliation Phone:	(619) 421-1355
Affiliation Type Desc:	Technical Contact
Entity Name:	Devin Wheeler
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	6194211355

HWTS:

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 919116020
EPA ID:	CAD043647130
Inactive Date:	Not reported
Create Date:	04/10/1987
Last Act Date:	07/31/2020
Mailing Name:	Not reported
Mailing Address:	1685 BRANDYWINE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CHULA VISTA, CA 919110000
Owner Name:	HYSPAN PRECISION PRODUCTS INC
Owner Address:	1685 BRANDYWINE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CHULA VISTA, CA 919116020
Contact Name:	DAVID MAY
Contact Address:	1685 BRANDYWINE AVE
Contact Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 92116

NAICS:

HYSPAN PRECISION PRODUCTS INC (Continued) **S113000579**

EPA ID:	CAD043647130
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	332312
NAICS Description:	Fabricated Structural Metal Manufacturing
Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	Not reported
Facility Name:	HYSPAN PRECISION PRODUCTS INC
Facility Address:	1685 BRANDYWINE AVE
Facility Address 2:	Not reported
Facility City:	CHULA VISTA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	919116020

C25 **HYSPAN PRECISION PRODUCTS INC** **CA SWEEPS UST** **S102862245**
SE **1685 BRANDYWINE AVE** **N/A**
< 1/8 **CHULA VISTA, CA 91911**
0.108 mi.
569 ft. **Site 4 of 4 in cluster C**

Relative: **Lower**
Actual: **146 ft.**

SWEEPS UST:

Name:	HYSPAN PRECISION PRODUCTS INC
Address:	1685 BRANDYWINE AVE
City:	CHULA VISTA
Status:	Active
Comp Number:	19570
Number:	9
Board Of Equalization:	44-023037
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-019570-000001
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	1

E26 **AT&T CALIFORNIA - D3641** **CA CERS HAZ WASTE** **S123514923**
South **490 MAIN CT** **CA CERS** **N/A**
< 1/8 **CHULA VISTA, CA 91911**
0.114 mi.
600 ft. **Site 7 of 8 in cluster E**

Relative: **Lower**
Actual: **133 ft.**

CERS HAZ WASTE:

Name:	AT&T CALIFORNIA - D3641
Address:	490 MAIN CT
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	385634
CERS ID:	10358572
CERS Description:	Hazardous Waste Generator

AT&T CALIFORNIA - D3641 (Continued) **S123514923**

CERS:
Name: AT&T CALIFORNIA - D3641
Address: 490 MAIN CT
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 385634
CERS ID: 10358572
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 385634
Site Name: AT&T California - D3641
Violation Date: 12-17-2018
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 12/17/2018. Inspection Sequence ID:6028853
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4555800
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Campanella Luke Inspection ID:4555800
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5591573
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5591573
Eval Division: San Diego County Department of Env Health
Eval Program: HW

AT&T CALIFORNIA - D3641 (Continued) **S123514923**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6028853
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Farhang Farnaz Inspection ID:6028853
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: AT&T EH&S Hotline - Option #1
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75202
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Pacific Bell Telephone Company dba AT&T California
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Pacific Bell Telephone Company dba AT&T California
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75202
Affiliation Phone: (214) 464-1712

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX

AT&T CALIFORNIA - D3641 (Continued) **S123514923**

Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	AT&T California
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

E27 **AT&T** **RCRA NonGen / NLR** **1024786058**
South **490 MAIN STREET** **CAL000012027**
< 1/8 **CHULA VISTA, CA 91911**
0.114 mi.
600 ft. **Site 8 of 8 in cluster E**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		1989-11-14 00:00:00.0
Handler Name:	AT&T	
Handler Address:		490 MAIN STREET
Handler City,State,Zip:		CHULA VISTA, CA 91911-6025
EPA ID:		CAL000012027
Contact Name:		DERONICA LAMB

Actual:
133 ft.

AT&T (Continued) **1024786058**

Contact Address:	308 S. AKARD ST.
Contact City,State,Zip:	DALLAS, TX 75202
Contact Telephone:	214-741-0464
Contact Fax:	Not reported
Contact Email:	EHSRRC@LIST.ATT.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:	308 S. AKARD ST.
Mailing City,State,Zip:	DALLAS, TX 75202-0000
Owner Name:	AT&T SOD
Owner Type:	Other
Operator Name:	DERONICA LAMB
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

AT&T (Continued) **1024786058**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:40:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AT&T SOD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	308 S. AKARD ST.
Owner/Operator City,State,Zip:	DALLAS, TX 75202-0000
Owner/Operator Telephone:	214-741-0464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DERONICA LAMB
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	308 S. AKARD ST.
Owner/Operator City,State,Zip:	DALLAS, TX 75202
Owner/Operator Telephone:	214-741-0464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-11-14 00:00:00.0
Handler Name: AT&T	
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

AT&T (Continued) **1024786058**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 51331
NAICS Description: WIRED TELECOMMUNICATIONS CARRIERS

NAICS Code: 51333
NAICS Description: TELECOMMUNICATIONS RESELLERS

NAICS Code: 51334
NAICS Description: SATELLITE TELECOMMUNICATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

28
NW
< 1/8
0.122 mi.
645 ft.

JENNA CAMPOS **RCRA NonGen / NLR** **1025850853**
503 TAMARACK CT **CAC003030953**
CHULA VISTA, CA 91911

Relative:
Higher

Actual:
220 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2019-08-26 00:00:00.0
Handler Name: JENNA CAMPOS
Handler Address: 503 TAMARACK CT
Handler City,State,Zip: CHULA VISTA, CA 91911-6009
EPA ID: CAC003030953
Contact Name: JENNA CAMPOS
Contact Address: 503 TAMARACK CT
Contact City,State,Zip: CHULA VISTA, CA 91911-6009
Contact Telephone: 619-587-4034
Contact Fax: Not reported
Contact Email: INFO@JJANDSCONSTRUCTION.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 503 TAMARACK CT
Mailing City,State,Zip: CHULA VISTA, CA 91911-6009
Owner Name: JENNA CAMPOS
Owner Type: Other
Operator Name: JENNA CAMPOS
Operator Type: Other
Short-Term Generator Activity: No

JENNA CAMPOS (Continued) **1025850853**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-10 12:40:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

JENNA CAMPOS (Continued) **1025850853**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENNA CAMPOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 TAMARACK CT
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911-6009
Owner/Operator Telephone:	619-587-4034
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JENNA CAMPOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 TAMARACK CT
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911-6009
Owner/Operator Telephone:	619-587-4034
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-08-26 00:00:00.0
Handler Name: JENNA CAMPOS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

29 NNW 1/8-1/4 0.131 mi. 693 ft. — **JO-BIE PRODUCTS COMPANY**
516 TALLOW CT
CHULA VISTA, CA 91911

Database(s): RCRA-SQG, FINDS, ECHO
EDR ID Number: 1000163373
EPA ID Number: CAD080922529

Relative: Higher
Actual: 226 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	JO-BIE PRODUCTS COMPANY
Handler Address:	516 TALLOW CT
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAD080922529
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:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	516 TALLOW CT
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

JO-BIE PRODUCTS COMPANY (Continued) **1000163373**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:21:26.0
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:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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

JO-BIE PRODUCTS COMPANY (Continued) **1000163373**

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: JO-BIE PRODUCTS COMPANY
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: 1980-08-05 00:00:00.0
Handler Name: JO-BIE PRODUCTS COMPANY
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

List of NAICS Codes and Descriptions:
NAICS Code: 33992
NAICS Description: SPORTING AND ATHLETIC GOODS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110006467867

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000163373

JO-BIE PRODUCTS COMPANY (Continued) **1000163373**

Registry ID:	110006467867
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006467867
Name:	JO-BIE PRODUCTS COMPANY
Address:	516 TALLOW CT
City,State,Zip:	CHULA VISTA, CA 91911

F30 **KIA OF CHULA VISTA** **CA AST** **S106064374**
South **540 AUTO PARK DR** **CA San Diego Co. HMMD** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA CERS HAZ WASTE**
0.137 mi. **CA HAZNET**
724 ft. **Site 1 of 9 in cluster F** **CA CERS**
CA HWTS

Relative:
Lower

Actual:
130 ft.

AST:

Name:	FULLER FORD/KIA
Address:	540 AUTO PARK DR
City/Zip:	CHULA VISTA,91911
Certified Unified Program Agencies:	Not reported
Owner:	Douglas Fuller
Total Gallons:	Not reported
CERSID:	10358875
Facility ID:	37-000-134845
Business Name:	FULLER FORD/KIA
Phone:	619-656-2500
Fax:	Not reported
Mailing Address:	560 AUTO PARK DR
Mailing Address City:	CHULA VISTA
Mailing Address State:	CA
Mailing Address Zip Code:	91911
Operator Name:	Marty Meador
Operator Phone:	619-656-2500
Owner Phone:	619-656-2500
Owner Mail Address:	560 AUTO PARK DR
Owner State:	CA
Owner Zip Code:	91911
Owner Country:	United States
Property Owner Name:	D G F FAMILY LTD PARTNERSHIP
Property Owner Phone:	Not reported
Property Owner Mailing Address:	560 AUTO PARK DR
Property Owner City:	CHULA VISTA
Property Owner Stat :	CA
Property Owner Zip Code:	91911
Property Owner Country:	United States
EPAID:	CAR000003897

HMMD SAN DIEGO:

Name:	FULLER FORD/KIA
Address:	540 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	134845
Business Type:	6HK31
EPA Id Number:	CAR000003897
APN:	644-042-04-00
Last HMMD Inspection:	07/13/2010
Facility Telephone:	619-656-2500
Permit Status:	OPEN
Permit Expiration:	06/30/2013

KIA OF CHULA VISTA (Continued) **S106064374**

Date Last Updated:	11/02/2012
Facility Owner:	DOUGLAS FULLER
Facility Mailing Address:	560 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	7740-59-7
Name:	HELIUM
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	LIQUID CAR WASH CONCENTRATE P-181F
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	647426-65-0
Name:	LUBRICATING FLUID (BASE LUBRICATING OIL)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	68476-85-7
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	SOAP-DETAIL CHEMICALS/CASTROL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE

KIA OF CHULA VISTA (Continued) **S106064374**

Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 133 AQUEOUS SOL'N W/ 10% ORG RESID
Other Information: PARTS CLEANER CLEANING SOLUTION
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: BRAKE WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: WASTE GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information: SLUDGE (OIL&WATER)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY RAGS/SATURATED ABSORBENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845

KIA OF CHULA VISTA (Continued) **S106064374**

Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	USED ETHYLENE GLYCOL/COOLANT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	CRUSHED
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012

KIA OF CHULA VISTA (Continued) **S106064374**

Inspection Date:	09/08/2005
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1015
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Did not have adequate employee training program 2732 &/or 25504(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0216
Violation:	HAZMATS WITHOUT PROPER LABELS
Violation Citation:	Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0223
Violation:	MISMANAGED NON-EMPTY CONTAINER/LINER
Violation Citation:	Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0232
Violation:	HW CONTAINER IN POOR CONDITION
Violation Citation:	Waste accumulated in a container in poor condition. CFR 265.171
Activity:	ACTIVE

KIA OF CHULA VISTA (Continued) **S106064374**

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0207
Violation:	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation:	Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012

KIA OF CHULA VISTA (Continued) **S106064374**

Inspection Date:	01/12/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE

Name:	FULLER FORD/KIA
Address:	540 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	134845
Business Type:	6HK31
EPA Id Number:	CAR000003897
APN:	644-042-04-00
Last HMMD Inspection:	07/13/2010
Facility Telephone:	619-656-2500
Permit Status:	OPEN
Permit Expiration:	06/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DOUGLAS FULLER
Facility Mailing Address:	560 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	7740-59-7
Name:	HELIUM
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	LIQUID CAR WASH CONCENTRATE P-181F
Other Information:	Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	647426-65-0
Name:	LUBRICATING FLUID (BASE LUBRICATING OIL)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	68476-85-7
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	SOAP-DETAIL CHEMICALS/CASTROL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 133 AQUEOUS SOL'N W/ 10% ORG RESID
Other Information:	PARTS CLEANER CLEANING SOLUTION
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	BRAKE WASHER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	WASTE GASOLINE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information: SLUDGE (OIL&WATER)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY RAGS/SATURATED ABSORBENTS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: USED ETHYLENE GLYCOL/COOLANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 134845
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: CRUSHED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 134845
Update Date: 11/02/2012

KIA OF CHULA VISTA (Continued) **S106064374**

Inspection Date:	09/08/2005
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1015
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Did not have adequate employee training program 2732 &/or 25504(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0216
Violation:	HAZMATS WITHOUT PROPER LABELS
Violation Citation:	Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0223
Violation:	MISMANAGED NON-EMPTY CONTAINER/LINER

KIA OF CHULA VISTA (Continued) **S106064374**

Violation Citation:	Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0232
Violation:	HW CONTAINER IN POOR CONDITION
Violation Citation:	Waste accumulated in a container in poor condition. CFR 265.171
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845

KIA OF CHULA VISTA (Continued) **S106064374**

Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0207
Violation:	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation:	Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE

Name:	FULLER FORD/KIA
Address:	540 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	134845
Business Type:	6HK31
EPA Id Number:	CAR000003897
APN:	644-042-04-00
Last HMMD Inspection:	07/13/2010
Facility Telephone:	619-656-2500
Permit Status:	OPEN

KIA OF CHULA VISTA (Continued) **S106064374**

Permit Expiration:	06/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DOUGLAS FULLER
Facility Mailing Address:	560 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	7740-59-7
Name:	HELIUM
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	LIQUID CAR WASH CONCENTRATE P-181F
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	647426-65-0
Name:	LUBRICATING FLUID (BASE LUBRICATING OIL)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	68476-85-7
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	SOAP-DETAIL CHEMICALS/CASTROL
Other Information:	Not reported
Material Waste:	Material

KIA OF CHULA VISTA (Continued) **S106064374**

Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 133 AQUEOUS SOL'N W/ 10% ORG RESID
Other Information:	PARTS CLEANER CLEANING SOLUTION
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	BRAKE WASHER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	WASTE GASOLINE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information:	SLUDGE (OIL&WATER)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY RAGS/SATURATED ABSORBENTS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	USED ETHYLENE GLYCOL/COOLANT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	134845
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	CRUSHED
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0209
Violation:	WASTE ONSITE >90/180/270 DAYS
Violation Citation:	Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&(c)
Activity:	ACTIVE

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE

Permit Number:	134845

KIA OF CHULA VISTA (Continued) **S106064374**

Update Date:	11/02/2012
Inspection Date:	09/08/2005
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1015
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Did not have adequate employee training program 2732 &/or 25504(c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0216
Violation:	HAZMATS WITHOUT PROPER LABELS
Violation Citation:	Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0223
Violation:	MISMANAGED NON-EMPTY CONTAINER/LINER
Violation Citation:	Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0232
Violation:	HW CONTAINER IN POOR CONDITION
Violation Citation:	Waste accumulated in a container in poor condition. CFR 265.171

KIA OF CHULA VISTA (Continued) **S106064374**

Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	04/03/2007
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0207
Violation:	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation:	Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity:	ACTIVE

KIA OF CHULA VISTA (Continued) **S106064374**

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE

Permit Number:	134845
Update Date:	11/02/2012
Inspection Date:	01/12/2004
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE

Name:	KIA OF CHULA VISTA
Address:	540 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000446458
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	6196562500
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	12/22/2020
Facility Owner:	Not reported
Facility Mailing Address:	560 AUTO PARK DRIVE, CHULA VISTA, CA 91911
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	3020002 Employee training program not adequate. 22 CCR 66265.16(a) and/or (b)
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	3130012 Failed to conduct daily inspections and/or maintain the inspection records for hazardous waste tank system. 22 CCR 66265.195(a)(c)
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	3130007 Failed to keep a hazardous waste container or portable tank closed. 22 CCR 66265.173(a)
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	1010001 Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)

KIA OF CHULA VISTA (Continued) **S106064374**

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5605957
Return To Compliance Date:	2017-01-04T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2017-01-04T15:33:00.000
Violation Code:	3130012 Failed to conduct daily inspections and/or maintain the inspection records for hazardous waste tank system. 22 CCR 66265.195(a)(c)

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Aboveground Petroleum Storage Act
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	4010033 Failed to pay the APSA program fee or obtain Unified Program Facility Permit. HSC 25270.6(b), SDCC 68.905

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Aboveground Petroleum Storage Act
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	4020001 Failed to train oil-handling personnel on: operation/maintenance of equipment to prevent discharges; discharge procedure protocols; applicable laws, rules, and regulations; general facility operations; and the contents of the SPCC Plan. (40 CFR 112.7(f)(1).) HSC 25270.4.5(a)

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed

KIA OF CHULA VISTA (Continued) **S106064374**

Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5605957
Return To Compliance Date:	2017-01-04T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2017-01-04T15:33:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	1020001 Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1)(A); 19 CCR 2658, 2659(a)

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-12-19T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection

KIA OF CHULA VISTA (Continued) **S106064374**

Inspection Number:	6299205
Return To Compliance Date:	2019-12-19T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4451745
Return To Compliance Date:	2015-03-27T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2015-02-11T00:00:00.000
Violation Code:	1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c)

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4451745
Return To Compliance Date:	2015-03-11T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2015-02-11T00:00:00.000
Violation Code:	3030004 Failure to properly handle, manage, label, and recycle used oil and fuel filters.; 22 CCR 16 66266.130.

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Aboveground Petroleum Storage Act
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No

KIA OF CHULA VISTA (Continued) **S106064374**

Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	4010001 Failed to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan. HSC 25270.4.5(a), 40 CFR 112.3, 112.6
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-134845
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6299205
Return To Compliance Date:	2019-08-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-07-31T00:00:00.000
Violation Code:	3130008 Failed to inspect hazardous waste storage area(s) at least weekly. 22 CCR 66265.174

Waste and Materials:

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0154568
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-10-23T17:01:27.000
Chemical Name:	Propane
Common Name:	Liquefied Petroleum Gas (LPG)
Case Number:	74-98-6
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0154569
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-10-23T17:01:27.000
Chemical Name:	Waste Fuel
Common Name:	Waste Fuel
Case Number:	Mixture
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0154570
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-10-23T17:01:27.000
Chemical Name:	Ethylene Glycol
Common Name:	Ethylene Glycol

KIA OF CHULA VISTA (Continued) **S106064374**

Case Number: 107-21-1

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0154571
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T17:01:27.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: 70514-12-4

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0132703
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:01:27.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0132704
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T17:01:27.000
Chemical Name: Solids Containing Paraffinic Petroleum Distillates
Common Name: Non-Metal Used Oil Fitlers
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217035
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-16T01:31:20.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0217036
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-16T01:31:20.000
Chemical Name: Waste Fuel
Common Name: Waste Fuel
Case Number: Mixture

KIA OF CHULA VISTA (Continued) **S106064374**

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0217037
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-16T01:31:20.000
Chemical Name:	Ethylene Glycol
Common Name:	Ethylene Glycol
Case Number:	107-21-1

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0217038
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-16T01:31:20.000
Chemical Name:	Lubricating oils, used
Common Name:	Used lubricating oils
Case Number:	70514-12-4

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0187153
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-16T01:31:21.000
Chemical Name:	Parts Washer Waste
Common Name:	Parts Washer Waste
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0187154
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-16T01:31:21.000
Chemical Name:	Solids Containing Paraffinic Petroleum Distillates
Common Name:	Non-Metal Used Oil Fitlers
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0125652
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-01-06T00:44:44.000
Chemical Name:	Paraffinic Petroleum Distillates
Common Name:	Lubricating Oils
Case Number:	Mixture

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed

KIA OF CHULA VISTA (Continued) **S106064374**

Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0125653
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-01-06T00:44:44.000
Chemical Name:	Ethylene Glycol
Common Name:	Coolant
Case Number:	Mixture

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0125654
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-01-06T00:44:44.000
Chemical Name:	Cleaners/Soaps
Common Name:	Cleaners/Soaps
Case Number:	Mixture

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0125655
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-01-06T00:44:44.000
Chemical Name:	Oxygen
Common Name:	Oxygen
Case Number:	7782-44-7

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0125656
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-01-06T00:44:44.000
Chemical Name:	Acetylene
Common Name:	Acetylene
Case Number:	74-86-2

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0125657
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-01-06T00:44:44.000
Chemical Name:	Propane
Common Name:	Liquefied Petroleum Gas (LPG)
Case Number:	74-98-6

Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0104542

KIA OF CHULA VISTA (Continued) **S106064374**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-06T00:44:45.000
Chemical Name: Used Paraffinic Petroleum Distillates
Common Name: Used Lubricating Oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104543
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-06T00:44:45.000
Chemical Name: Waste Ethylene Glycol
Common Name: Waste Coolant
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104544
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-06T00:44:45.000
Chemical Name: Waste Gasoline/Diesel
Common Name: Waste Fuel
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104545
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-06T00:44:45.000
Chemical Name: Waste Waterborne Paint
Common Name: Waste Paint Related Material
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104546
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-06T00:44:45.000
Chemical Name: Clarifier Sludge
Common Name: Clarifier Sludge
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104547
Trade Secret: N
Hazardous Material Type: Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

Last Updated:	2017-01-06T00:44:45.000
Chemical Name:	Parts Washer Waste
Common Name:	Parts Washer Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0104548
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-06T00:44:45.000
Chemical Name:	Solids Containing Paraffinic Petroleum Distillates
Common Name:	Non-Metal Used Oil Filters/ oily solid waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0155959
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-11T02:31:49.000
Chemical Name:	Parts Washer Waste
Common Name:	Parts Washer Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0155960
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-11T02:31:49.000
Chemical Name:	Solids Containing Paraffinic Petroleum Distillates
Common Name:	Non-Metal Used Oil Fitlers
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0275060
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-12-22T02:37:37.000
Chemical Name:	Paraffinic Petroleum Distillates
Common Name:	Lubricating Oils
Case Number:	Mixture
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0243557
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-12-22T02:37:37.000
Chemical Name:	Used Paraffinic Petroleum Distillates

KIA OF CHULA VISTA (Continued) **S106064374**

Common Name: Used Lubricating Oils
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0243558
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:37:37.000
Chemical Name: Waste Ethylene Glycol
Common Name: Waste Coolant
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0243559
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:37:37.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0243560
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:37:37.000
Chemical Name: Solids Containing Paraffinic Petroleum Distillates
Common Name: Waste Oil Filters
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0232198
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-04-18T02:31:04.000
Chemical Name: Paraffinic Petroleum Distillates
Common Name: Lubricating Oils
Case Number: Mixture

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202210
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-18T02:31:04.000
Chemical Name: Used Paraffinic Petroleum Distillates
Common Name: Used Lubricating Oils
Case Number: Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0202211
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-04-18T02:31:04.000
Chemical Name: Waste Ethylene Glycol
Common Name: Waste Coolant
Case Number: Not reported

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181573
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-11T02:31:49.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (LPG)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181574
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-11T02:31:49.000
Chemical Name: Waste Fuel
Common Name: Waste Fuel
Case Number: Mixture

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181575
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-11T02:31:49.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181576
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-11T02:31:49.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: 70514-12-4

Record ID: DEH2002-HUPFP-134845
Permit Status: Permit Renewed

KIA OF CHULA VISTA (Continued) **S106064374**

Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0202212
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-04-18T02:31:04.000
Chemical Name:	Parts Washer Waste
Common Name:	Parts Washer Waste
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-134845
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0202213
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-04-18T02:31:04.000
Chemical Name:	Solids Containing Paraffinic Petroleum Distillates
Common Name:	Waste Oil Filters
Case Number:	Not reported

CERS HAZ WASTE:

Name:	KIA OF CHULA VISTA
Address:	540 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	555743
CERS ID:	10358875
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	PKCV LLC DBA PENSKE KIA CHULA VISTA
Address:	540 AUTO PARK DR
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 91942
Contact:	TED STEIN
Telephone:	6194336060
Mailing Name:	Not reported
Mailing Address:	8970 LA MESA BLVD
Year:	2019
Gepaid:	CAL000426809
TSD EPA ID:	CAL000330453
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	0.50000
Year:	2019
Gepaid:	CAL000426809
TSD EPA ID:	CAL000330453
CA Waste Code:	352 - Other organic solids
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	1.07500
Year:	2019
Gepaid:	CAL000426809
TSD EPA ID:	CAL000330453

KIA OF CHULA VISTA (Continued) **S106064374**

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:	0.15000
Year:	2018
Gepaid:	CAL000426809
TSD EPA ID:	CAL000330453
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:	0.45000
Year:	2018
Gepaid:	CAL000426809
TSD EPA ID:	CAL000330453
CA Waste Code:	352 - Other organic solids
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	2.20000
Year:	2017
Gepaid:	CAL000426809
TSD EPA ID:	CAL000330453
CA Waste Code:	352 - Other organic solids
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.15

Additional Info:

Year:	2017
Gen EPA ID:	CAL000426809
Shipment Date:	20171208
Creation Date:	8/7/2018 18:30:26
Receipt Date:	20171213
Manifest ID:	018251505JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

CERS:
Name: KIA OF CHULA VISTA
Address: 540 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 555743
CERS ID: 10358875
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 07-31-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/19/2019. Inspection Sequence ID:6299205;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 07-31-2019
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 08/16/2019. Inspection Sequence ID:6299205
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 07-31-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/19/2019. Inspection Sequence ID:6299205;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 07-31-2019
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.

KIA OF CHULA VISTA (Continued) **S106064374**

Violation Notes:	Returned to compliance on 08/16/2019. Inspection Sequence ID:6299205
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	555743
Site Name:	Kia of Chula Vista
Violation Date:	07-31-2019
Citation:	22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Description:	Failure to inspect weekly areas where hazardous waste containers are stored. The owner or operator must look for leaking containers and for deterioration of containers caused by corrosion or other factors.
Violation Notes:	Returned to compliance on 08/16/2019. Inspection Sequence ID:6299205
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	555743
Site Name:	Kia of Chula Vista
Violation Date:	07-31-2019
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 08/16/2019. Inspection Sequence ID:6299205
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	555743
Site Name:	Kia of Chula Vista
Violation Date:	07-31-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 08/16/2019. Inspection Sequence ID:6299205
Violation Division:	San Diego County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	555743
Site Name:	Kia of Chula Vista
Violation Date:	07-31-2019
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at

KIA OF CHULA VISTA (Continued) **S106064374**

least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 08/16/2019. Inspection Sequence ID:6299205
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 02-11-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 03/27/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 02-11-2015
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 03/11/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 07-31-2019
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 training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/16/2019. Inspection Sequence ID:6299205
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 07-31-2019
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during

KIA OF CHULA VISTA (Continued) **S106064374**

storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 08/16/2019. Inspection Sequence ID:6299205
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 01-04-2017
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 01/04/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 07-31-2019
Citation: HSC 6.67 25270.6(b) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(b)
Violation Description: Failure to pay the APSA Program fee.
Violation Notes: Returned to compliance on 08/16/2019. Inspection Sequence ID:6299205
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 555743
Site Name: Kia of Chula Vista
Violation Date: 01-04-2017
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/04/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5605957
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

KIA OF CHULA VISTA (Continued) **S106064374**

Eval Date:	01-04-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5605957
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5605957
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Campanella Luke Inspection ID:4451745
Eval Division:	San Diego County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Campanella Luke Inspection ID:4451745
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Campanella Luke Inspection ID:4451745
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5749790
Eval Division:	San Diego County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2017
Violations Found:	No
Eval Type:	Routine done by local agency

KIA OF CHULA VISTA (Continued) **S106064374**

Eval Notes:	Inspector: Luna Raisa Inspection ID:5749790
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5749790
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6299205
Eval Division:	San Diego County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6299205
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6299205
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	555743
Facility Name:	Kia of Chula Vista
Env Int Type Code:	HMBP
Program ID:	10358875
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	32.594530
Longitude:	-117.030740

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261

KIA OF CHULA VISTA (Continued) **S106064374**

Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Legal Owner
Entity Name:	CV Automotive Group Inc
Entity Title:	Not reported
Affiliation Address:	560 Auto Park Drive
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91911
Affiliation Phone:	(619) 656-2500
Affiliation Type Desc:	Operator
Entity Name:	CVK Automotive Group Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(619) 656-2500
Affiliation Type Desc:	Environmental Contact
Entity Name:	CV Automotive Group Inc
Entity Title:	Not reported
Affiliation Address:	560 Auto Park Drive
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	560 Auto Park Drive
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Nathan Cespedes
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

KIA OF CHULA VISTA (Continued) **S106064374**

Entity Name: CVK Automotive Group Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: CVK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA
Address: 540 AUTO PARK DR
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAL000446458
Inactive Date: Not reported
Create Date: 06/04/2019
Last Act Date: 07/20/2020
Mailing Name: Not reported
Mailing Address: 560 AUTO PARK DR
Mailing Address 2: Not reported
Mailing City,State,Zip: CHULA VISTA, CA 91911
Owner Name: ROBERT VALDES
Owner Address: 560 AUTO PARK DR
Owner Address 2: Not reported
Owner City,State,Zip: CHULA VISTA, CA 919110000
Contact Name: LUIS E GARCIA
Contact Address: 560 AUTO PARK DRIVE
Contact Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 919110000

NAICS:
EPA ID: CAL000446458
Create Date: 2019-06-04 15:36:46.150
NAICS Code: 441110
NAICS Description: New Car Dealers
Issued EPA ID Date: 2019-06-04 15:36:46.13300
Inactive Date: Not reported
Facility Name: CVK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA
Facility Address: 540 AUTO PARK DR
Facility Address 2: Not reported
Facility City: CHULA VISTA
Facility County: Not reported
Facility State: CA
Facility Zip: 91911

Name: PKCV LLC DBA PENSKE KIA CHULA VISTA
Address: 540 AUTO PARK DR
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAL000426809
Inactive Date: 06/03/2019
Create Date: 04/14/2017
Last Act Date: 07/20/2020
Mailing Name: Not reported

KIA OF CHULA VISTA (Continued) **S106064374**

Mailing Address:	8970 LA MESA BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LA MESA, CA 91942
Owner Name:	PKCV LLC
Owner Address:	9136 FIRESTONE BLVD.
Owner Address 2:	Not reported
Owner City,State,Zip:	DOWNEY, CA 902410000
Contact Name:	TED STEIN
Contact Address:	8970 LA MESA BLVD
Contact Address 2:	Not reported
City,State,Zip:	LA MESA, CA 91942

NAICS:

EPA ID:	CAL000426809
Create Date:	2017-04-14 14:12:06.690
NAICS Code:	44111
NAICS Description:	New Car Dealers
Issued EPA ID Date:	2017-04-14 14:12:06.69000
Inactive Date:	2019-06-03 00:00:00
Facility Name:	PKCV LLC DBA PENSKE KIA CHULA VISTA
Facility Address:	540 AUTO PARK DR
Facility Address 2:	Not reported
Facility City:	CHULA VISTA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91911

F31 **FULLER FORD/HONDA** **CA AST** **A100345769**
South **540/560 AUTO PARK DR** **N/A**
1/8-1/4 **CHULA VISTA, CA**
0.137 mi.
724 ft. **Site 2 of 9 in cluster F**

Relative:
Lower

Actual:
130 ft.

AST:

Name:	FULLER FORD/HONDA
Address:	540/560 AUTO PARK DR
City/Zip:	CHULA VISTA,
Certified Unified Program Agencies:	San Diego
Owner:	DOUGLAS FULLER
Total Gallons:	2975
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported

FULLER FORD/HONDA (Continued) **A100345769**

Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

F32 **PKCV LLC DBA PENSKE KIA CHULA VISTA** **RCRA NonGen / NLR** **1024859564**
South **540 AUTO PARK DR** **CAL000426809**
1/8-1/4 **CHULA VISTA, CA 91911**
0.137 mi.
724 ft. **Site 3 of 9 in cluster F**

Relative: **Lower**
Actual: **130 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-06-03 00:00:00.0
Handler Name:	PKCV LLC DBA PENSKE KIA CHULA VISTA
Handler Address:	540 AUTO PARK DR
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000426809
Contact Name:	TED STEIN
Contact Address:	LA MESA BLVD
Contact City,State,Zip:	LA MESA, CA 91942
Contact Telephone:	619-433-6060
Contact Fax:	619-668-7709
Contact Email:	TSTEIN@SOCALPENSKE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	LA MESA BLVD
Mailing City,State,Zip:	LA MESA, CA 91942
Owner Name:	PKCV LLC
Owner Type:	Other
Operator Name:	TED STEIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

PKCV LLC DBA PENSKE KIA CHULA VISTA (Continued) **1024859564**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-12 17:07:39.0
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:	TED STEIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8970 LA MESA BLVD
Owner/Operator City,State,Zip:	LA MESA, CA 91942
Owner/Operator Telephone:	619-433-6060
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PKCV LLC
Legal Status:	Other

PKCV LLC DBA PENSKE KIA CHULA VISTA (Continued) **1024859564**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9136 FIRESTONE BLVD
Owner/Operator City,State,Zip:	DOWNEY, CA 91942
Owner/Operator Telephone:	562-904-5605
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-03 00:00:00.0
Handler Name:	PKCV LLC DBA PENSKE KIA CHULA VISTA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F33 **CDK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA** **RCRA NonGen / NLR** **1025873332**
South **540 AUTO PARK DR** **CAL000446458**
1/8-1/4 **CHULA VISTA, CA 91911**
0.137 mi.
724 ft. **Site 4 of 9 in cluster F**

Relative: RCRA NonGen / NLR:
Lower

Actual: Date Form Received by Agency:	2019-06-04 00:00:00.0
130 ft. Handler Name:	CDK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA
Handler Address:	540 AUTO PARK DR
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000446458
Contact Name:	JOSH LOGAN
Contact Address:	21111 LYONS VALLEY RD
Contact City,State,Zip:	ALPINE, CA 91910
Contact Telephone:	619-838-6364
Contact Fax:	619-656-3366
Contact Email:	JLOGAN@SOCALPENSKE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified

CDK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA (Continued) **1025873332**

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:	560 AUTO PARK DR
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	ROBERT VALDES
Owner Type:	Other
Operator Name:	JOSH LOGAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
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

CDK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA (Continued) **1025873332**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:32:13.0
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:	JOSH LOGAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21111 LYONS VALLEY RD
Owner/Operator City,State,Zip:	ALPINE, CA 91910
Owner/Operator Telephone:	619-838-6364
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT VALDES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2453 DAWN DR
Owner/Operator City,State,Zip:	HAVASU CITY, AZ 86404
Owner/Operator Telephone:	760-336-2100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-04 00:00:00.0
Handler Name:	CDK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA
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:	441110
NAICS Description:	NEW CAR DEALERS

CDK AUTOMOTIVE GROUP DBA KIA OF CHULA VISTA (Continued) **1025873332**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F34 **FORD OF CHULA VISTA** **CA San Diego Co. HMMD** **S123635545**
SSE **560 AUTO PARK DR** **CA CERS HAZ WASTE** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA CERS TANKS**
0.139 mi. **CA HAZNET**
733 ft. **Site 5 of 9 in cluster F** **CA CERS**
CA HWTS
Relative:
Lower
Actual:
130 ft.

HMMD SAN DIEGO:

Name:	FORD OF CHULA VISTA
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911-6026
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000446457
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	6196562500
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	12/22/2020
Facility Owner:	Not reported
Facility Mailing Address:	560 Auto Park Dr, Chula Vista, CA 91911
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003740
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6314074
Return To Compliance Date:	2019-12-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-10-21T00:00:00.000
Violation Code:	HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1

FORD OF CHULA VISTA (Continued) **S123635545**

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003740
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6314074
Return To Compliance Date:	2020-04-29T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-10-21T00:00:00.000
Violation Code:	3110013 Failed to obtain and maintain a written assessment certified by an independent, qualified, registered professional engineer for the hazardous waste tank system. 22 CCR 66265.192(a), 66265.192(h)(1), or 66265.191(a)

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003740
Program Element:	Aboveground Petroleum Storage Act
Inspection Type:	Initial Inspection
Inspection Number:	6314074
Return To Compliance Date:	2019-12-21T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-10-21T00:00:00.000
Violation Code:	4010033 Failed to pay the APSA program fee or obtain Unified Program Facility Permit. HSC 25270.6(b), SDCC 68.904; 68.905; 68.907.1

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003740
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	6314074
Return To Compliance Date:	2019-12-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-10-21T00:00:00.000
Violation Code:	HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003740

FORD OF CHULA VISTA (Continued) **S123635545**

Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6314074
Return To Compliance Date:	2019-10-23T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-10-21T00:00:00.000
Violation Code:	3130012 Failed to conduct daily inspections and/or maintain the inspection records for hazardous waste tank system. 22 CCR 66265.195(a)(c)

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003740
Program Element:	Aboveground Petroleum Storage Act
Inspection Type:	Initial Inspection
Inspection Number:	6314074
Return To Compliance Date:	2020-03-23T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-12-22T00:00:00.000
Inspection Date:	2019-10-21T00:00:00.000
Violation Code:	4010001 Failed to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan. HSC 25270.4.5(a), 40 CFR 112.3, 112.6

Waste and Materials:

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0230628
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-12-22T02:35:11.000
Chemical Name:	Waste Absorbent
Common Name:	Waste Absorbent
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0230629
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-12-22T02:35:11.000
Chemical Name:	Waste Waterborne Paint
Common Name:	Waste Paint Related Material
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y

FORD OF CHULA VISTA (Continued) **S123635545**

Child Record Id: DEH2020-HWAST-0230630
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Waste Body Filler Dust
Common Name: Waste Sanding Dust
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0230631
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Waste Waterborne Paint and Materials
Common Name: Waste Paint Cups
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0234065
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0234066
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Paraffinic Petroleum Distillates
Common Name: New motor oil
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0204150
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Used Paraffinic Petroleum Distillates
Common Name: Used Lubricating Oils
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0204151
Trade Secret: N

FORD OF CHULA VISTA (Continued) **S123635545**

Hazardous Material Type: Not reported
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Waste Ethylene Glycol
Common Name: Waste Coolant
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0204152
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Waste Absorbent
Common Name: Waste Absorbent
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0204153
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Waste Waterborne Paint
Common Name: Waste Paint Related Material
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0204154
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Waste Body Filler Dust
Common Name: Waste Sanding Dust
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0204155
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Waste Waterborne Paint and Materials
Common Name: Waste Paint Cups
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0204156
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-22T19:10:13.000

FORD OF CHULA VISTA (Continued) **S123635545**

Chemical Name: Waste Paint Filters
Common Name: Waste Paint Filters
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0259401
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Waste Aerosol Cans
Common Name: Waste Misc Aerosols
Case Number: Mixture

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0259402
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Lacquer Thinner or Mineral Spirits
Common Name: Paint Thinner
Case Number: Mixture

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0259403
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Acetylene
Common Name: Acetylene
Case Number: 74-86-2

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0259404
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0259405
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Paraffinic Petroleum Distillates
Common Name: New motor oil

FORD OF CHULA VISTA (Continued) **S123635545**

Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0230626
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Used Paraffinic Petroleum Distillates
Common Name: Used Lubricating Oils
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0230632
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Waste Paint Filters
Common Name: Waste Paint Filters
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155976
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Waste Fuel
Common Name: Waste Fuel
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155977
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Clarifier Sludge
Common Name: Clarifier Sludge
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0216520
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-11T01:18:08.000
Chemical Name: Motor Oil/Lubricating Oils
Common Name: Motor Oil/Lubricating Oils
Case Number: Not reported

FORD OF CHULA VISTA (Continued) **S123635545**

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0216521
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-11T01:18:08.000
Chemical Name: HEAVY DUTY CLEANER
Common Name: HEAVY DUTY CLEANER
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0216522
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-11T01:18:08.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186689
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186690
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Solids Containing Paraffinic Petroleum Distillates
Common Name: Non-Metal Used Oil Filters/Oily absorbent
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186691
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed

FORD OF CHULA VISTA (Continued) **S123635545**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0186692
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186693
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Waste Fuel
Common Name: Waste Fuel
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186694
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Clarifier Sludge
Common Name: Clarifier Sludge
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186695
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Water-based Paint Waste
Common Name: Water-based Paint Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186696
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Solvent-based paint waste
Common Name: Solvent-based paint waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186697

FORD OF CHULA VISTA (Continued) **S123635545**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T01:18:09.000
Chemical Name: Paint booth filters/solid paint related waste
Common Name: Paint booth filters/Solid paint-related waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181588
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Motor Oil/Lubricating Oils
Common Name: Motor Oil/Lubricating Oils
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181589
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: HEAVY DUTY CLEANER
Common Name: HEAVY DUTY CLEANER
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0181590
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155972
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155973
Trade Secret: N
Hazardous Material Type: Not reported

FORD OF CHULA VISTA (Continued) **S123635545**

Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Solids Containing Paraffinic Petroleum Distillates
Common Name: Non-Metal Used Oil Filters/Oily absorbent
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155974
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155975
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155978
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Water-based Paint Waste
Common Name: Water-based Paint Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155979
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Solvent-based paint waste
Common Name: Solvent-based paint waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0155980
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-25T02:32:23.000
Chemical Name: Paint booth filters/solid paint related waste

FORD OF CHULA VISTA (Continued) **S123635545**

Common Name: Paint booth filters/Solid paint-related waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0163433
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (LPG)
Case Number: 74-98-6

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0163434
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: Motor Oil/Lubricating Oils
Common Name: Motor Oil/Lubricating Oils
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0163435
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0163436
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: HEAVY DUTY CLEANER
Common Name: HEAVY DUTY CLEANER
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0139122
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

FORD OF CHULA VISTA (Continued) **S123635545**

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0139123
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T09:44:57.000
Chemical Name:	Solids Containing Paraffinic Petroleum Distillates
Common Name:	Non-Metal Used Oil Filters/Oily absorbent
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0139124
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T09:44:57.000
Chemical Name:	Ethylene Glycol
Common Name:	Ethylene Glycol Waste
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0139125
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T09:44:57.000
Chemical Name:	Lubricating oils, used
Common Name:	Used lubricating oils
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0139126
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T09:44:57.000
Chemical Name:	Waste Fuel
Common Name:	Waste Fuel
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0139127
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-17T09:44:57.000
Chemical Name:	Clarifier Sludge
Common Name:	Clarifier Sludge
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003740
Permit Status:	Permit Renewed

FORD OF CHULA VISTA (Continued) **S123635545**

Active Permit: Y
Child Record Id: DEH2017-HWAST-0139128
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: Water-based Paint Waste
Common Name: Water-based Paint Waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0139129
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: Solvent-based paint waste
Common Name: Solvent-based paint waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0139130
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T09:44:57.000
Chemical Name: Paint booth filters/solid paint related waste
Common Name: Paint booth filters/Solid paint-related waste
Case Number: Not reported

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0234062
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Waste Aerosol Cans
Common Name: Waste Misc Aerosols
Case Number: Mixture

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0234063
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Lacquer Thinner or Mineral Spirits
Common Name: Paint Thinner
Case Number: Mixture

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0234064

FORD OF CHULA VISTA (Continued) **S123635545**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-22T19:10:13.000
Chemical Name: Acetylene
Common Name: Acetylene
Case Number: 74-86-2

Record ID: DEH2017-HUPFP-003740
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0230627
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-22T02:35:11.000
Chemical Name: Waste Ethylene Glycol
Common Name: Waste Coolant
Case Number: Not reported

CERS HAZ WASTE:
Name: FORD OF CHULA VISTA
Address: 560 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 424516
CERS ID: 10739062
CERS Description: Hazardous Waste Generator

Name: FORD OF CHULA VISTA
Address: 560 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 424516
CERS ID: 10739062
CERS Description: RCRA LQ HW Generator

CERS TANKS:
Name: FORD OF CHULA VISTA
Address: 560 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 424516
CERS ID: 10739062
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: PFCV LLC DBA PENSKE FORD CHULA VISTA
Address: 560 AUTO PARK DR
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 91942
Contact: TED STEIN
Telephone: 6194336060
Mailing Name: Not reported
Mailing Address: 8970 LA MESA BLVD

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids

FORD OF CHULA VISTA (Continued) **S123635545**

Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 1.72500

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.57500

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: -
Tons: 1.08000

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.34560

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAL000330453
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: 0.47500

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: -
Tons: 0.12510

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.25020

Year: 2019
Gepaid: CAL000426813
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05000

Year: 2018
Gepaid: CAL000426813

FORD OF CHULA VISTA (Continued) **S123635545**

TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.70890

Year: 2018
Gepaid: CAL000426813
TSD EPA ID: AZD081705402
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.41250

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

Additional Info:
Year: 2017
Gen EPA ID: CAL000426813

Shipment Date: 20171221
Creation Date: 10/16/2018 18:31:31
Receipt Date: 20171221
Manifest ID: 017895652JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171221
Creation Date: 10/16/2018 18:31:31
Receipt Date: 20171221
Manifest ID: 017895652JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported

FORD OF CHULA VISTA (Continued) **S123635545**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171221
Creation Date:	10/16/2018 18:31:31
Receipt Date:	20171221
Manifest ID:	017002381JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171212
Creation Date:	10/16/2018 18:31:31
Receipt Date:	20171212
Manifest ID:	017893674JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0432
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	F003

FORD OF CHULA VISTA (Continued) **S123635545**

Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171208
Creation Date:	8/7/2018 18:30:26
Receipt Date:	20171213
Manifest ID:	018251504JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171130
Creation Date:	11/1/2018 18:30:30
Receipt Date:	20171130
Manifest ID:	017889433JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	7/28/2018 18:34:05
Receipt Date:	20171115
Manifest ID:	017007931JJK

FORD OF CHULA VISTA (Continued) **S123635545**

Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171109
Creation Date:	6/20/2018 18:31:51
Receipt Date:	20171115
Manifest ID:	018041990JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171018
Creation Date:	7/11/2018 18:32:18
Receipt Date:	20171018
Manifest ID:	017007173JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

FORD OF CHULA VISTA (Continued) **S123635545**

Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171010
Creation Date:	6/13/2018 18:31:07
Receipt Date:	20171011
Manifest ID:	017878923JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	Not reported
Waste Quantity:	1200
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	FORD OF CHULA VISTA
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	424516
CERS ID:	10739062
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	424516
Site Name:	Ford of Chula Vista
Violation Date:	10-21-2019
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 12/20/2019. Inspection Sequence ID:6314074;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
Violation Division:	San Diego County Department of Env Health

FORD OF CHULA VISTA (Continued) **S123635545**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 424516
Site Name: Ford of Chula Vista
Violation Date: 10-21-2019
Citation: HSC 6.67 25270.6(b) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(b)
Violation Description: Failure to pay the APSA Program fee.
Violation Notes: Returned to compliance on 12/21/2019. Inspection Sequence ID:6314074
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 424516
Site Name: Ford of Chula Vista
Violation Date: 10-21-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/20/2019. Inspection Sequence ID:6314074;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 424516
Site Name: Ford of Chula Vista
Violation Date: 10-21-2019
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: Returned to compliance on 04/29/2020. Inspection Sequence ID:6314074
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 424516
Site Name: Ford of Chula Vista
Violation Date: 10-21-2019
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 03/23/2020. Inspection Sequence ID:6314074
Violation Division: San Diego County Department of Env Health
Violation Program: APSA

FORD OF CHULA VISTA (Continued) **S123635545**

Violation Source: CERS

Site ID: 424516
Site Name: Ford of Chula Vista
Violation Date: 10-21-2019
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 10/23/2019. Inspection Sequence ID:6314074
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6314074
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6314074
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6314074
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5770752
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5770752

FORD OF CHULA VISTA (Continued) **S123635545**

Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5770752
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 424516
Facility Name: Ford of Chula Vista
Env Int Type Code: HMBP
Program ID: 10739062
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.593790
Longitude: -117.030540

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Document Preparer
Entity Name: KPA
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: CV Automotive Group Inc
Entity Title: Not reported
Affiliation Address: 560 Auto Park Dr
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

FORD OF CHULA VISTA (Continued) **S123635545**

Entity Title: Not reported
Affiliation Address: 560 Auto Park Dr
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91911
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: CV Automotive Group Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 656-2500

Affiliation Type Desc: Identification Signer
Entity Name: Victor Torres
Entity Title: Service maanager
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: CV Automotive Group Inc
Entity Title: Not reported
Affiliation Address: 560 Auto Park Dr
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91911
Affiliation Phone: (619) 656-2500

Affiliation Type Desc: Parent Corporation
Entity Name: CV Automotive Group Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: PFCV LLC DBA PENSKE FORD CHULA VISTA
Address: 560 AUTO PARK DR
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAL000426813
Inactive Date: 06/03/2019
Create Date: 04/14/2017

FORD OF CHULA VISTA (Continued) **S123635545**

Last Act Date:	07/20/2020
Mailing Name:	Not reported
Mailing Address:	8970 LA MESA BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LA MESA, CA 91942
Owner Name:	PFCV LLC
Owner Address:	9136 FIRESTONE BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	DOWNEY, CA 90241
Contact Name:	TED STEIN
Contact Address:	8970 LA MESA BLVD
Contact Address 2:	Not reported
City,State,Zip:	LA MESA, CA 91942

NAICS:

EPA ID:	CAL000426813
Create Date:	2017-04-14 14:26:57.150
NAICS Code:	44111
NAICS Description:	New Car Dealers
Issued EPA ID Date:	2017-04-14 14:26:57.15000
Inactive Date:	2019-06-03 00:00:00
Facility Name:	PFCV LLC DBA PENSKE FORD CHULA VISTA
Facility Address:	560 AUTO PARK DR
Facility Address 2:	Not reported
Facility City:	CHULA VISTA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91911

F35 **FULLER FORD** **RCRA-SQG** **1001023038**
SSE **560 AUTO PARK DR** **FINDS** **CAR000003897**
1/8-1/4 **CHULA VISTA, CA 91911** **ECHO**
0.139 mi. **CA EMI**
733 ft. **Site 6 of 9 in cluster F** **CA CERS**

Relative:
Lower

Actual:
130 ft.

RCRA-SQG:

Date Form Received by Agency:		1995-06-27 00:00:00.0
Handler Name:	FULLER FORD HONDA	
Handler Address:		560 AUTO PARK DR
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAR000003897
Contact Name:		ANDY PAREDES
Contact Address:		540 AUTO PARK DR
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-656-2500
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported

FULLER FORD (Continued) **1001023038**

Mailing Address:	AUTO PARK DR
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	DOUGLAS FULLER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

FULLER FORD (Continued) **1001023038**

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:	Owner
Owner/Operator Name:	DOUGLAS FULLER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	540 AUTO PARK DR
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-656-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-06-27 00:00:00.0
Handler Name: FULLER FORD HONDA	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-01-12 00:00:00.0
Actual Return to Compliance Date:	2004-01-12 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

FULLER FORD (Continued) **1001023038**

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: 2004-01-12 00:00:00.0
Actual Return to Compliance Date: 2004-01-12 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

FULLER FORD (Continued) **1001023038**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-01-12 00:00:00.0
Actual Return to Compliance Date:	2004-01-22 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:	Generators - General
Date Violation was Determined:	2004-01-12 00:00:00.0
Actual Return to Compliance Date:	2004-01-12 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

FULLER FORD (Continued) **1001023038**

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: 2004-01-12 00:00:00.0
Actual Return to Compliance Date: 2004-01-12 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

FULLER FORD (Continued) **1001023038**

Evaluation Action Summary:

Evaluation Date:	2004-01-12 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-01-12 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:	2004-01-12 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-01-12 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:	2004-01-12 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-01-22 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:	2004-01-12 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-01-12 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:	2004-01-12 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

FULLER FORD (Continued) **1001023038**

Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-01-12 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

FINDS:
Registry ID: 110002906785

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
HAZARDOUS AIR POLLUTANT MAJOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1001023038
Registry ID:	110002906785
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002906785
Name:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911

EMI:

Name:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 919110000
Year:	1999
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

FULLER FORD (Continued) **1001023038**

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

Name:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 919110000
Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 919110000
Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 919110000
Year:	2002
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1

FULLER FORD (Continued) **1001023038**

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:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 919110000
Year:	2003
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
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:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 919110000
Year:	2004
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.05376546
Reactive Organic Gases Tons/Yr:	0.9718977
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:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 919110000
Year:	2005
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported

FULLER FORD (Continued) **1001023038**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.05376546
Reactive Organic Gases Tons/Yr: .9718977
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: FULLER FORD
Address: 560 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 919110000
Year: 2006
County Code: 37
Air Basin: SD
Facility ID: 94014
Air District Name: SD
SIC Code: 7532
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .69
Reactive Organic Gases Tons/Yr: .66
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: FULLER FORD
Address: 560 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 919110000
Year: 2007
County Code: 37
Air Basin: SD
Facility ID: 94014
Air District Name: SD
SIC Code: 7532
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .69
Reactive Organic Gases Tons/Yr: .66
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: FULLER FORD
Address: 560 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Year: 2008
County Code: 37
Air Basin: SD
Facility ID: 94014
Air District Name: SD

FULLER FORD (Continued) **1001023038**

SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.69
Reactive Organic Gases Tons/Yr:	.66
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:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Year:	2009
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.68999999999999995
Reactive Organic Gases Tons/Yr:	0.66000000000000003
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:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Year:	2010
County Code:	37
Air Basin:	SD
Facility ID:	94014
Air District Name:	SD
SIC Code:	7532
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.68999999999999995
Reactive Organic Gases Tons/Yr:	0.66000000000000003
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	FULLER FORD
Address:	560 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	469214

FULLER FORD (Continued) **1001023038**

CERS ID: 110002906785
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ANDY PAREDES
Entity Title: Not reported
Affiliation Address: 540 AUTO PARK DRIVE
Affiliation City: CHULAVISTA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

F36 **PFCV LLC DBA PENSKE FORD CHULA VISTA** **RCRA NonGen / NLR** **1024859568**
SSE **560 AUTO PARK DR** **CAL000426813**
1/8-1/4 **CHULA VISTA, CA 91911**
0.139 mi.
733 ft. **Site 7 of 9 in cluster F**

Relative: **Lower**
Actual: **130 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2019-06-03 00:00:00.0
Handler Name: PFCV LLC DBA PENSKE FORD CHULA VISTA
Handler Address: 560 AUTO PARK DR
Handler City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAL000426813
Contact Name: TED STEIN
Contact Address: LA MESA BLVD
Contact City,State,Zip: LA MESA, CA 91942
Contact Telephone: 619-433-6060
Contact Fax: 619-668-7709
Contact Email: TSTEIN@SOCALPENSKE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: LA MESA BLVD
Mailing City,State,Zip: LA MESA, CA 91942
Owner Name: PFCV LLC
Owner Type: Other
Operator Name: TED STEIN
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

PFCV LLC DBA PENSKE FORD CHULA VISTA (Continued) **1024859568**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-12 17:03:39.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PFCV LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9136 FIRESTONE BLVD
Owner/Operator City,State,Zip:	DOWNEY, CA 90241
Owner/Operator Telephone:	562-904-5605

PFCV LLC DBA PENSKE FORD CHULA VISTA (Continued) **1024859568**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TED STEIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8970 LA MESA BLVD
Owner/Operator City,State,Zip: LA MESA, CA 91942
Owner/Operator Telephone: 619-433-6060
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-06-03 00:00:00.0
Handler Name: PFCV LLC DBA PENSKE FORD CHULA VISTA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F37 **CDK AUTOMOTIVE GROUP DBA FORD OF CHULA VISTA** **RCRA NonGen / NLR** **1025873331**
SSE **560 AUTO PARK DR** **CAL000446457**
1/8-1/4 **CHULA VISTA, CA 91911**
0.139 mi.
733 ft. **Site 8 of 9 in cluster F**

Relative: **Lower**
Actual: **130 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2019-06-04 00:00:00.0
Handler Name: CDK AUTOMOTIVE GROUP DBA FORD OF CHULA VISTA
Handler Address: 560 AUTO PARK DR
Handler City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAL000446457
Contact Name: JOSH LOGAN
Contact Address: 21111 LYONS VALLEY RD
Contact City,State,Zip: ALPINE, CA 91910

CDK AUTOMOTIVE GROUP DBA FORD OF CHULA VISTA (Continued) **1025873331**

Contact Telephone:	619-838-6364
Contact Fax:	619-656-3366
Contact Email:	JLOGAN@SOCALPENSKE.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:	560 AUTO PARK DR
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	ROBERT VALDES
Owner Type:	Other
Operator Name:	JOSH LOGAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
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

CDK AUTOMOTIVE GROUP DBA FORD OF CHULA VISTA (Continued) **1025873331**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:32:13.0
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:	JOSH LOGAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21111 LYONS VALLEY RD
Owner/Operator City,State,Zip:	ALPINE, CA 91910
Owner/Operator Telephone:	619-838-6364
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT VALDES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2453 DAWN DR
Owner/Operator City,State,Zip:	HAVASU CITY, AZ 86404
Owner/Operator Telephone:	760-336-2100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-04 00:00:00.0
Handler Name:	CDK AUTOMOTIVE GROUP DBA FORD OF CHULA VISTA
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

CDK AUTOMOTIVE GROUP DBA FORD OF CHULA VISTA (Continued) **1025873331**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 441110
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F38 **PARCEL 8** **SEMS-ARCHIVE** **1003879842**
SSE **4705 OTAY VALLEY RD** **CAD983662578**
1/8-1/4 **CHULA VISTA, CA 92011**
0.144 mi.
758 ft. **Site 9 of 9 in cluster F**

Relative: **Lower**
Actual: **129 ft.**

SEMS Archive:
Site ID: 0904797
EPA ID: CAD983662578
Name: PARCEL 8
Address: 4705 OTAY VALLEY RD
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 92011
Cong District: 44
FIPS Code: 06073
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0904797
EPA ID: CAD983662578
Site Name: PARCEL 8
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0904797
EPA ID: CAD983662578
Site Name: PARCEL 8
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA

PARCEL 8 (Continued) **1003879842**

SEQ: 1
Start Date: Not reported
Finish Date: 1995-06-24 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904797
EPA ID: CAD983662578
Site Name: PARCEL 8
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1994-06-09 04:00:00
Finish Date: 1995-06-24 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904797
EPA ID: CAD983662578
Site Name: PARCEL 8
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1993-03-29 05:00:00
Finish Date: 1993-03-29 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

G39 **GABRIEL TOBIAS** **RCRA NonGen / NLR** **1026049318**
NNE **1580 MENDOCINO DR #64** **CAC003056053**
1/8-1/4 **CHULA VISTA, CA 91911**
0.156 mi.
826 ft. **Site 1 of 2 in cluster G**

Relative: **Higher**
Actual: **230 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2020-02-14 00:00:00.0
Handler Name: GABRIEL TOBIAS
Handler Address: 1580 MENDOCINO DR #64
Handler City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAC003056053
Contact Name: GABRIEL TOBIAS
Contact Address: 1580 MENDOCINO DR #64
Contact City,State,Zip: CHULA VISTA, CA 91911
Contact Telephone: 619-822-0730
Contact Fax: Not reported
Contact Email: VANESSABRONDSTETTER@ALLIANCE-ENVIRO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported

GABRIEL TOBIAS (Continued) **1026049318**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1580 MENDOCINO DR #64
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	GABRIEL TOBIAS
Owner Type:	Other
Operator Name:	GABRIEL TOBIAS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

GABRIEL TOBIAS (Continued) **1026049318**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-06 18:10:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GABRIEL TOBIAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1580 MENDOCINO DR #64
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-822-0730
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GABRIEL TOBIAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1580 MENDOCINO DR #64
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-822-0730
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-02-14 00:00:00.0
Handler Name: GABRIEL TOBIAS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

GABRIEL TOBIAS (Continued) **1026049318**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G40 **GABRIEL TOBIAS** **RCRA NonGen / NLR** **1025864410**
NNE **1580 MENDOCINO DR. UNIT 64** **CAC003045237**
1/8-1/4 **CHULA VISTA, CA 91911**
0.156 mi.
826 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
230 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2019-11-29 00:00:00.0
Handler Name:	GABRIEL TOBIAS	
Handler Address:		1580 MENDOCINO DR. UNIT 64
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAC003045237
Contact Name:		GABRIEL TOBIAS
Contact Address:		1580 MENDOCINO DR. UNIT 64
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-822-0730
Contact Fax:		Not reported
Contact Email:		TNE11TNE11@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1580 MENDOCINO DR. UNIT 64
Mailing City,State,Zip:		CHULA VISTA, CA 91911
Owner Name:		GABRIEL TOBIAS
Owner Type:		Other
Operator Name:		GABRIEL TOBIAS
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

GABRIEL TOBIAS (Continued) **1025864410**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-12-06 16:31:09.0
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:	GABRIEL TOBIAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1580 MENDOCINO DR. UNIT 64
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-822-0730
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GABRIEL TOBIAS
Legal Status:	Other

GABRIEL TOBIAS (Continued) **1025864410**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1580 MENDOCINO DR. UNIT 64
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-822-0730
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-11-29 00:00:00.0
Handler Name: GABRIEL TOBIAS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H41 **SHELL OIL INC** **CA SWEEPS UST** **S106932098**
SW **4555 OTAY VALLEYRD** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911**
0.182 mi.
962 ft. **Site 1 of 9 in cluster H**

Relative: SWEEPS UST:
Lower

Actual:
139 ft.

Name:	SHELL OIL INC
Address:	4555 OTAY VALLEYRD
City:	CHULA VISTA
Status:	Active
Comp Number:	2893
Number:	9
Board Of Equalization:	44-000074
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-002893-000001
Tank Status:	A
Capacity:	10000
Active Date:	Not reported

SHELL OIL INC (Continued) **S106932098**

Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Name: SHELL OIL INC
Address: 4555 OTAY VALLEYRD
City: CHULA VISTA
Status: Active
Comp Number: 2893
Number: 9
Board Of Equalization: 44-000074
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-002893-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: SHELL OIL INC
Address: 4555 OTAY VALLEYRD
City: CHULA VISTA
Status: Active
Comp Number: 2893
Number: 9
Board Of Equalization: 44-000074
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-002893-000003
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

H42 **SHELL** **CA LUST** **S106874378**
SW **4555 AUTO PARK DR** **CA SAN DIEGO CO. SAM** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA Cortese**
0.185 mi. **CA SAN DIEGO CO LOP**
978 ft. **Site 2 of 9 in cluster H** **CA CERS**

Relative: LUST:
Lower
Actual: Name: SHELL
134 ft. Address: 4555 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607367594

SHELL (Continued) **S106874378**

Global Id:	T0607367594
Latitude:	32.5945590185637
Longitude:	-117.034649848938
Status:	Completed - Case Closed
Status Date:	08/30/2012
Case Worker:	JS
RB Case Number:	Not reported
Local Agency:	SAN DIEGO COUNTY LOP
File Location:	Local Agency
Local Case Number:	H02893-001
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The Site is an active service station consisting of three fuel underground storage tanks (USTs), four fuel dispenser islands with associated product piping, and a station building. On December 12, 2002, four 10,000-gallon USTs, five dispenser islands, and associated product piping were removed. Wayne Perry collected fourteen soil samples from beneath the dispenser islands and USTs during upgrade activities. Petroleum hydrocarbon contamination was detected in soil and unauthorized release case H02893-001 was opened by the Department of Environmental Health (DEH) in March 2003. No benzene concentrations and low concentrations of toluene, ethylbenzene and xylene were detected in soil at the Site. The main constituents of concern in soil at the Site are methyl tertiary butyl ether (MTBE) and tertiary butyl ether (TBA). Distribution of soil contamination is mostly localized around the UST cavity. There is no remaining residual total petroleum hydrocarbon-impacted soil that is above 100 mg/kg. Nine groundwater monitoring wells have been installed at the Site. Groundwater was monitored and sampled between December 2003 and January 2012. No liquid-phase hydrocarbons have been present in groundwater since sampling began in December 2003. The dissolved-phase groundwater plume is adequately assessed. Groundwater impacts include dissolved total petroleum hydrocarbons as gasoline (TPHg), MTBE and TBA. The dissolved phase groundwater plume is centered on well MW-3 and is mostly contained onsite. The dissolved plume is stable and the overall mass of impacts is decreasing. The environmental consultant analyzed the trends for MTBE and TBA. The analysis indicates that MTBE and TBA in groundwater will drop below their water quality objectives by 2049 and 2040, respectively. The DEH vapor risk model was utilized to evaluate the potential human health risk associated with soil vapor intrusion to Site building occupants and to the offsite Soup Plantation building workers (on the adjacent property to the east). Based on the model results, vapor from soil and groundwater contamination does not pose a vapor inhalation risk to the occupants of both buildings. A Corrective Action Plan (CAP) was submitted on October 21, 2011. The CAP concludes that the most appropriate remedial option is no further action with regulatory case closure. The Public Participation process for the CAP was completed. The public comment period ended on March 23, 2012. DEH received no comments. According to the environmental consultants registered professional, the Site presents no significant risk to human health and the environment. DEH concurs with this conclusion.

LUST:

Global Id:	T0607367594
Contact Type:	Local Agency Caseworker
Contact Name:	JON SENAHA

SHELL (Continued) **S106874378**

Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: jon.senaha@sdcounty.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0607367594
Action Type: RESPONSE
Date: 09/21/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: RESPONSE
Date: 04/29/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: RESPONSE
Date: 02/15/2012
Action: CAP/RAP - Other Report

Global Id: T0607367594
Action Type: RESPONSE
Date: 03/29/2012
Action: Correspondence

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 04/06/2010
Action: Notice of Responsibility

Global Id: T0607367594
Action Type: RESPONSE
Date: 10/21/2011
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 01/24/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 01/19/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: Other
Date: 12/12/2002
Action: Leak Began

SHELL (Continued) **S106874378**

Global Id: T0607367594
Action Type: Other
Date: 12/12/2002
Action: Leak Discovery

Global Id: T0607367594
Action Type: Other
Date: 03/04/2003
Action: Leak Stopped

Global Id: T0607367594
Action Type: Other
Date: 02/26/2003
Action: Leak Reported

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 03/13/2003
Action: Notice of Responsibility

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/18/2012
Action: Notice of Responsibility

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 08/30/2012
Action: Closure/No Further Action Letter

Global Id: T0607367594
Action Type: RESPONSE
Date: 10/09/2009
Action: Monitoring Report - Quarterly

Global Id: T0607367594
Action Type: RESPONSE
Date: 04/03/2009
Action: Monitoring Report - Quarterly

Global Id: T0607367594
Action Type: RESPONSE
Date: 05/26/2009
Action: Monitoring Report - Quarterly

Global Id: T0607367594
Action Type: RESPONSE
Date: 04/27/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: ENFORCEMENT

SHELL (Continued) **S106874378**

Date: 07/25/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607367594
Action Type: RESPONSE
Date: 03/27/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: RESPONSE
Date: 09/03/2010
Action: Site Assessment Report

Global Id: T0607367594
Action Type: RESPONSE
Date: 10/29/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607367594
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Letter - Notice

LUST:
Global Id: T0607367594
Status: Open - Case Begin Date
Status Date: 12/12/2002

Global Id: T0607367594
Status: Open - Remediation
Status Date: 09/28/2004

Global Id: T0607367594
Status: Open - Site Assessment
Status Date: 05/12/2009

Global Id: T0607367594
Status: Completed - Case Closed
Status Date: 08/30/2012

SAN DIEGO CO. SAM:
Name: SHELL
Address: 4555 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Case Number: H02893-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Remedial Investigation
Date: 9/28/2004
Date Began: 12/12/2002

CORTESE:
Name: SHELL
Address: 4555 AUTO PARK DR

SHELL (Continued) **S106874378**

City,State,Zip:	CHULA VISTA, CA 91911
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607367594
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

SAN DIEGO CO LOP:

Name:	SHELL
Address:	4555 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Record ID:	DEH2003-LSAM-H02893-001
Record Status:	Completed
Opened Date:	02/26/2003
Parcel Number:	624-060-28-00
Case Type:	LOP - Local Oversight Program
Historical Name:	AUTO PARK SHELL
SWRCB Global ID:	T0607367594
Funding:	S - LOP State Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	03/04/2003
Census Tract:	133.13
Community:	Chula Vista
Jurisdiction:	CHULA VISTA
Watershed Basin Number:	910.2
Water Purveyor:	CHULA VISTA
Fire Agency:	CHULA VISTA
Latitude:	32.5944715
Longitude:	-117.0347670
X MapCoord:	6319952.349
Y MapCoord:	1796986.187

CERS:

Name:	SHELL
Address:	4555 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	197775
CERS ID:	T0607367594
CERS Description:	Leaking Underground Storage Tank Cleanup Site

SHELL (Continued) **S106874378**

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JON SENAHA - SAN DIEGO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	P.O. Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

H43 **OTTAY VALLEY** **RCRA NonGen / NLR** **1026053289**
SW **4555 MAIN ST** **CAC003060188**
1/8-1/4 **CHULA VISTA, CA 91911**
0.188 mi.
991 ft. **Site 3 of 9 in cluster H**

Relative: **Lower**

Actual: **135 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-03-16 00:00:00.0
Handler Name:	OTTAY VALLEY	
Handler Address:		4555 MAIN ST
Handler City,State,Zip:		CHULA VISTA, CA 91911-6024
EPA ID:		CAC003060188
Contact Name:		JORGE IZEPPI
Contact Address:		41805 ALBRAE ST
Contact City,State,Zip:		FREMONT, CA 94538
Contact Telephone:		510-270-3457
Contact Fax:		Not reported
Contact Email:		JORGE@LOOPNEIGHBORHOOD.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		41805 ALBRAE ST
Mailing City,State,Zip:		FREMONT, CA 94538
Owner Name:		AU ENERGY LLC
Owner Type:		Other
Operator Name:		JORGE IZEPPI
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No

OTTAY VALLEY (Continued) **1026053289**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-20 19:21:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AU ENERGY LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	41805 ALBRAE ST
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-270-3457
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

OTTAY VALLEY (Continued) **1026053289**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JORGE IZEPPI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 41805 ALBRAE ST
Owner/Operator City,State,Zip: FREMONT, CA 94538
Owner/Operator Telephone: 510-270-3457
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-03-16 00:00:00.0
Handler Name: OTTAY VALLEY
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: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H44 **OTAY VALLEY SHELL** **RCRA NonGen / NLR** **1026712722**
SW **4555 MAIN STREET** **CAC003100983**
1/8-1/4 **CHULA VISTA, CA 91911**
0.188 mi.
991 ft. **Site 4 of 9 in cluster H**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 2021-01-14 00:00:00.0
Actual: Handler Name: OTAY VALLEY SHELL
135 ft. Handler Address: 4555 MAIN STREET
Handler City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAC003100983
Contact Name: JOHN ELLIS
Contact Address: 41805 ALBRAE STREET
Contact City,State,Zip: FREMONT, CA 94538
Contact Telephone: 510-270-3489
Contact Fax: Not reported

OTAY VALLEY SHELL (Continued) **1026712722**

Contact Email:	JOHNE@LOOPNEIGHBORHOOD.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	41805 ALBRAE STREET
Mailing City,State,Zip:	FREMONT, CA 94538
Owner Name:	AU ENERGY LLC
Owner Type:	Other
Operator Name:	JOHN ELLIS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

OTAY VALLEY SHELL (Continued) **1026712722**

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:	2021-02-26 18:44:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN ELLIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	41805 ALBRAE STREET
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-270-3489
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AU ENERGY LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	41805 ALBRAE STREET
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-270-3489
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2021-01-14 00:00:00.0
Handler Name: OTAY VALLEY SHELL	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

OTAY VALLEY SHELL (Continued) **1026712722**

List of NAICS Codes and Descriptions:
NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H45 **AU ENERGY LLC DBA OTAY VALLEY SHELL** **RCRA NonGen / NLR** **1024754140**
SW **4555 MAIN STREET** **CAC002973955**
1/8-1/4 **CHULA VISTA, CA 91911**
0.188 mi.
991 ft. **Site 5 of 9 in cluster H**

Relative: **Lower**
Actual: **135 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2018-08-02 00:00:00.0
Handler Name:	AU ENERGY LLC DBA OTAY VALLEY SHELL
Handler Address:	4555 MAIN STREET
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAC002973955
Contact Name:	JORGE IZEPPI
Contact Address:	41805 ALBRAE ST
Contact City,State,Zip:	FREMONT, CA 94538
Contact Telephone:	510-570-3457
Contact Fax:	Not reported
Contact Email:	JORGE@LOOPNEIGHBORHOOD.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:	41805 ALBRAE ST
Mailing City,State,Zip:	FREMONT, CA 94538
Owner Name:	AU ENERGY LLC
Owner Type:	Other
Operator Name:	JORGE IZEPPI
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

AU ENERGY LLC DBA OTAY VALLEY SHELL (Continued) **1024754140**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:14:01.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AU ENERGY LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	41805 ALBRAE ST
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-570-3457
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AU ENERGY LLC DBA OTAY VALLEY SHELL (Continued) **1024754140**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JORGE IZEPPI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 41805 ALBRAE ST
Owner/Operator City,State,Zip: FREMONT, CA 94538
Owner/Operator Telephone: 510-570-3457
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2018-08-02 00:00:00.0
Handler Name: AU ENERGY LLC DBA OTAY VALLEY SHELL
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: 447190
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H46 **S & L SHELL MART** **CA UST** **U003941434**
SW **4555 MAIN ST** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911**
0.188 mi.
991 ft. **Site 6 of 9 in cluster H**

Relative: UST:
Lower
Name: S & L SHELL MART
Actual: Address: 4555 MAIN ST
135 ft. City,State,Zip: CHULA VISTA, CA 91911
Facility ID: H02893
Permitting Agency: SAN DIEGO COUNTY
Latitude: 32.5957496
Longitude: -117.0334027

47
WNW
1/8-1/4
0.195 mi.
1032 ft.

RICK HAMRICK
460 TILIA CT
CHULA VISTA, CA 91911

RCRA NonGen / NLR

1025849796
CAC003029874

Relative:
Lower

Actual:
195 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2019-08-19 00:00:00.0
Handler Name:	RICK HAMRICK	
Handler Address:		460 TILIA CT
Handler City,State,Zip:		CHULA VISTA, CA 91911-5638
EPA ID:		CAC003029874
Contact Name:		RICK HAMRICK
Contact Address:		460 TILIA CT
Contact City,State,Zip:		CHULA VISTA, CA 91911-5638
Contact Telephone:		619-484-5031
Contact Fax:		Not reported
Contact Email:		RICKYHAMRICK6@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		460 TILIA CT
Mailing City,State,Zip:		CHULA VISTA, CA 91911-5638
Owner Name:		RICK HAMRICK
Owner Type:		Other
Operator Name:		RICK HAMRICK
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

RICK HAMRICK (Continued) **1025849796**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-10 15:07:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICK HAMRICK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	460 TILIA CT
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911-5638
Owner/Operator Telephone:	619-484-5031
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICK HAMRICK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	460 TILIA CT
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911-5638
Owner/Operator Telephone:	619-484-5031
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RICK HAMRICK (Continued) **1025849796**

Historic Generators:
Receive Date: 2019-08-19 00:00:00.0
Handler Name: RICK HAMRICK
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I48 **PHCV LLC DBA PENSKE HONDA CHULA VISTA** **RCRA NonGen / NLR** **1024859563**
SE **580 AUTO PARK DR** **CAL000426808**
1/8-1/4 **CHULA VISTA, CA 91911**
0.196 mi.
1036 ft. **Site 1 of 4 in cluster I**

Relative:
Lower

Actual:
127 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2017-04-14 00:00:00.0
Handler Name: PHCV LLC DBA PENSKE HONDA CHULA VISTA
Handler Address: 580 AUTO PARK DR
Handler City,State,Zip: CHULA VISTA, CA 91911
EPA ID: CAL000426808
Contact Name: TED STEIN
Contact Address: 8970 LA MESA BLVD
Contact City,State,Zip: LA MESA, CA 91942
Contact Telephone: 619-433-6060
Contact Fax: 619-668-7709
Contact Email: TSTEIN@SOCALPENSKE.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: 8970 LA MESA BLVD
Mailing City,State,Zip: LA MESA, CA 91942
Owner Name: PHCV LLC

PHCV LLC DBA PENSKE HONDA CHULA VISTA (Continued) **1024859563**

Owner Type:	Other
Operator Name:	TED STEIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:35:53.0
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

PHCV LLC DBA PENSKE HONDA CHULA VISTA (Continued) **1024859563**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: TED STEIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8970 LA MESA BLVD
Owner/Operator City,State,Zip: LA MESA, CA 91942
Owner/Operator Telephone: 619-433-6060
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PHCV LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9136 FIRESTONE BLVD
Owner/Operator City,State,Zip: DOWNEY, CA 90241
Owner/Operator Telephone: 562-904-5605
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2017-04-14 00:00:00.0
Handler Name: PHCV LLC DBA PENSKE HONDA CHULA VISTA
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: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I49 **PEOPLES CHEVROLET** **RCRA-SQG** **1000985150**
SE **580 AUTO PARK DR** **CA AST** **CAR000002618**
1/8-1/4 **CHULA VISTA, CA 91911** **CA San Diego Co. HMMD**
0.196 mi. **CA CERS HAZ WASTE**
1036 ft. **Site 2 of 4 in cluster I** **CA CERS TANKS**
FINDS
Relative: **ECHO**
Lower **CA CERS**

Actual:
127 ft.

RCRA-SQG:

Date Form Received by Agency:		1998-10-05 00:00:00.0
Handler Name:	PEOPLES CHEVROLET	
Handler Address:		580 AUTO PARK DR
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAR000002618
Contact Name:		LEROY LAUSENG
Contact Address:		580 AUTO PARK DR
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-421-3300
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		580 AUTO PARK DR
Mailing City,State,Zip:		CHULA VISTA, CA 91911
Owner Name:		EDMUND WESCHE
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:38:35.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D021
Waste Description:	CHLOROBENZENE

PEOPLES CHEVROLET (Continued) **1000985150**

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EDMUND WESCHE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 580 AUTO PARK DR
Owner/Operator City,State,Zip: CHULA VISTA, CA 91911
Owner/Operator Telephone: 619-421-3300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1998-10-05 00:00:00.0
Handler Name: PEOPLES CHEVROLET
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AST:
Name: PEOPLE'S CHEVROLET
Address: 580 AUTO PARK DR
City/Zip: CHULA VISTA,
Certified Unified Program Agencies: San Diego

PEOPLES CHEVROLET (Continued) **1000985150**

Owner:	ED WESCHE
Total Gallons:	2825
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

HMMD SAN DIEGO:

Name:	PEOPLE'S CHEVROLET
Address:	580 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	135062
Business Type:	6HK31
EPA Id Number:	CAR000002618
APN:	644-042-05-00
Last HMMD Inspection:	09/11/2008
Facility Telephone:	619-421-3300
Permit Status:	INAC
Permit Expiration:	11/30/2009
Date Last Updated:	11/02/2012
Facility Owner:	ED WESCHE
Facility Mailing Address:	580 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911-
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Violations Inactive Permits:

Permit Number:	135062
Update Date:	11/02/2012
Inspection Date:	09/12/2003

PEOPLES CHEVROLET (Continued) **1000985150**

Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Permit Number: 135062
Update Date: 11/02/2012
Inspection Date: 09/12/2003
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: Inactive Permit

Permit Number: 135062
Update Date: 11/02/2012
Inspection Date: 06/06/2005
Violation Code: 6HV1605
Violation: NO DAILY TANK INSPECTION/LOG
Violation Citation: Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity: Inactive Permit

Name: FULLER HONDA
Address: 580 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: 211063
Business Type: 6HK31
EPA Id Number: CAL000342981
APN: 644-042-05-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 619-656-7500
Permit Status: OPEN
Permit Expiration: 11/30/2013
Date Last Updated: 11/02/2012
Facility Owner: FULLER HONDA
Facility Mailing Address: 580 AUTO PARK DR
Facility Mailing City: CHULA VISTA
Facility Mailing State: CA
Facility Mailing Zip: 91911
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: PARAFFINIC PETROLEUM DISTILLATES
Other Information: MOTOR, TRANSMISSION & GEAR LUBRICATING OILS

PEOPLES CHEVROLET (Continued) **1000985150**

Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information:	PARTS WASHER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	BRAKE CLEANER (3)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	ANTIFREEZE / COOLANT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	INTERSTATE / USED LEAD ACID BATTERIES
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: DRAINED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211063
Update Date: 11/02/2012
Inspection Date: 03/06/2012
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity: ACTIVE

Name: PEOPLE'S CHEVROLET
Address: 580 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: 135062
Business Type: 6HK31
EPA Id Number: CAR000002618
APN: 644-042-05-00
Last HMMD Inspection: 09/11/2008
Facility Telephone: 619-421-3300
Permit Status: INAC
Permit Expiration: 11/30/2009
Date Last Updated: 11/02/2012
Facility Owner: ED WESCHE
Facility Mailing Address: 580 AUTO PARK DR
Facility Mailing City: CHULA VISTA
Facility Mailing State: CA
Facility Mailing Zip: 91911-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 135062
Update Date: 11/02/2012
Inspection Date: 09/12/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Permit Number: 135062

PEOPLES CHEVROLET (Continued) **1000985150**

Update Date:	11/02/2012
Inspection Date:	09/12/2003
Violation Code:	6HV0301
Violation:	HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation:	Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity:	Inactive Permit

Permit Number:	135062
Update Date:	11/02/2012
Inspection Date:	06/06/2005
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	Inactive Permit

Name:	FULLER HONDA
Address:	580 AUTO PARK DR
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	211063
Business Type:	6HK31
EPA Id Number:	CAL000342981
APN:	644-042-05-00
Last HMMD Inspection:	03/06/2012
Facility Telephone:	619-656-7500
Permit Status:	OPEN
Permit Expiration:	11/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	FULLER HONDA
Facility Mailing Address:	580 AUTO PARK DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	PARAFFINIC PETROLEUM DISTILLATES
Other Information:	MOTOR, TRANSMISSION & GEAR LUBRICATING OILS
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 135 UNSPECIFIED AQUEOUS SOL'N

PEOPLES CHEVROLET (Continued) **1000985150**

Other Information:	PARTS WASHER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	BRAKE CLEANER (3)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	ANTIFREEZE / COOLANT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	INTERSTATE / USED LEAD ACID BATTERIES
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	DRAINED
Material Waste:	Waste
Hazardous Categories 1:	Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211063
Update Date: 11/02/2012
Inspection Date: 03/06/2012
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity: ACTIVE

Name: FULLER HONDA
Address: 580 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: 211063
Business Type: 6HK31
EPA Id Number: CAL000342981
APN: 644-042-05-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 619-656-7500
Permit Status: OPEN
Permit Expiration: 11/30/2013
Date Last Updated: 11/02/2012
Facility Owner: FULLER HONDA
Facility Mailing Address: 580 AUTO PARK DR
Facility Mailing City: CHULA VISTA
Facility Mailing State: CA
Facility Mailing Zip: 91911
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: PARAFFINIC PETROLEUM DISTILLATES
Other Information: MOTOR, TRANSMISSION & GEAR LUBRICATING OILS
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211063
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: PARTS WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	BRAKE CLEANER (3)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information:	OILY ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	ANTIFREEZE / COOLANT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	INTERSTATE / USED LEAD ACID BATTERIES
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	211063
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	DRAINED
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	211063
Update Date:	11/02/2012

PEOPLES CHEVROLET (Continued) **1000985150**

Inspection Date: 03/06/2012
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity: ACTIVE

CERS HAZ WASTE:
Name: PENSKE HONDA CHULA VISTA
Address: 580 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 32054
CERS ID: 10359367
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: PENSKE HONDA CHULA VISTA
Address: 580 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 32054
CERS ID: 10359367
CERS Description: Aboveground Petroleum Storage

FINDS:
Registry ID: 110002905946

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000985150
Registry ID: 110002905946
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002905946
Name: PEOPLES CHEVROLET
Address: 580 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911

CERS:
Name: PENSKE HONDA CHULA VISTA
Address: 580 AUTO PARK DR
City,State,Zip: CHULA VISTA, CA 91911

PEOPLES CHEVROLET (Continued) **1000985150**

Site ID: 32054
CERS ID: 10359367
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 32054
Site Name: Penske Honda Chula Vista
Violation Date: 07-29-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/31/2019. Inspection Sequence ID:6210438;Violation:HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 32054
Site Name: Penske Honda Chula Vista
Violation Date: 03-21-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 04/11/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 32054
Site Name: Penske Honda Chula Vista
Violation Date: 07-29-2019
Citation: HSC 6.67 25270.6(b) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(b)
Violation Description: Failure to pay the APSA Program fee.
Violation Notes: Returned to compliance on 07/29/2019. Inspection Sequence ID:6210438
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5646690
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2017
Violations Found: Yes

PEOPLES CHEVROLET (Continued) **1000985150**

Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5646690
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-10-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Campanella Luke Inspection ID:4090562
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-10-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Campanella Luke Inspection ID:4090562
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5754279
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5754279
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-29-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6210438
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-29-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6210438
Eval Division:	San Diego County Department of Env Health

PEOPLES CHEVROLET (Continued) **1000985150**

Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-29-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6210438
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	32054
Facility Name:	Penske Honda Chula Vista
Env Int Type Code:	HWG
Program ID:	10359367
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	32.593960
Longitude:	-117.028670

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Jayson Arceo, KPA
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:	Jay Silverstien
Entity Title:	Not reported
Affiliation Address:	580 Auto Park Drive
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	8970 La Mesa Blvd.
Affiliation City:	La Mesa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91942
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	KATHY BROWN
Entity Title:	Not reported

PEOPLES CHEVROLET (Continued) **1000985150**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 904-5605
Affiliation Type Desc:	Legal Owner
Entity Name:	PHCV, LLC
Entity Title:	Not reported
Affiliation Address:	9136 E. Firestone Blvd.
Affiliation City:	La Mesa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91941
Affiliation Phone:	(619) 464-7777
Affiliation Type Desc:	Parent Corporation
Entity Name:	PHCV, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Identification Signer
Entity Name:	Frank Escalera
Entity Title:	Legal & Compliance Service Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

I50 **DESERT AUTO GROUP IV LLC DBA CHULA VISTA HONDA** **RCRA NonGen / NLR** **1026722612**
SE **580 AUTO PARK DR** **CAL000459684**
1/8-1/4 **CHULA VISTA, CA 91911**
0.196 mi.
1036 ft. **Site 3 of 4 in cluster I**

Relative: **Lower**
Actual: **127 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2021-01-28 00:00:00.0
Handler Name:	DESERT AUTO GROUP IV LLC DBA CHULA VISTA HONDA
Handler Address:	580 AUTO PARK DR
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000459684
Contact Name:	FRANCISCO GALLEGOS
Contact Address:	602 WAKE AVE
Contact City,State,Zip:	EL CENTRO, CA 92243
Contact Telephone:	760-335-3387
Contact Fax:	Not reported
Contact Email:	FGALLEGOS@IVAUTO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	602 WAKE AVE
Mailing City,State,Zip:	EL CENTRO, CA 92243
Owner Name:	KAIZEN RESOURCES INC
Owner Type:	Other
Operator Name:	FRANCISCO GALLEGOS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

DESERT AUTO GROUP IV LLC DBA CHULA VISTA HONDA (Continued) **1026722612**

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:	2021-02-26 18:46:37.0
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:	FRANCISCO GALLEGOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	602 WAKE AVE
Owner/Operator City,State,Zip:	EL CENTRO, CA 92243
Owner/Operator Telephone:	760-335-3387
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAIZEN RESOURCES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	602 WAKE AVE
Owner/Operator City,State,Zip:	EL CENTRO, CA 92243
Owner/Operator Telephone:	760-546-5116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DESERT AUTO GROUP IV LLC DBA CHULA VISTA HONDA (Continued) **1026722612**

Historic Generators:
Receive Date: 2021-01-28 00:00:00.0
Handler Name: DESERT AUTO GROUP IV LLC DBA CHULA VISTA HONDA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 441110
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J51 **BANFIELD PET HOSPITAL #1498** **RCRA NonGen / NLR** **1024812791**
SSW **1840 MAIN CT** **CAL000301326**
1/8-1/4 **CHULA VISTA, CA 91911**
0.200 mi.
1055 ft. **Site 1 of 6 in cluster J**

Relative: **Lower**
Actual: **118 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2005-12-12 00:00:00.0
Handler Name: BANFIELD PET HOSPITAL #1498
Handler Address: 1840 MAIN CT
Handler City,State,Zip: CHULA VISTA, CA 91911-6069
EPA ID: CAL000301326
Contact Name: SEAN AKERS
Contact Address: P.O. BOX 87586
Contact City,State,Zip: VANCOUVER, WA 98687-7856
Contact Telephone: 360-784-5217
Contact Fax: 360-784-6217
Contact Email: HSE@BANFIELD.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: P.O. BOX 87586
Mailing City,State,Zip: VANCOUVER, WA 98687-7856
Owner Name: MEDICAL MANAGEMENT INTERNATIONAL IN

BANFIELD PET HOSPITAL #1498 (Continued) **1024812791**

Owner Type:	Other
Operator Name:	SEAN AKERS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:27:50.0
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

BANFIELD PET HOSPITAL #1498 (Continued) **1024812791**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEDICAL MANAGEMENT INTERNATIONAL IN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 87586
Owner/Operator City,State,Zip:	VANCOUVER, WA 98687-7856
Owner/Operator Telephone:	360-784-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEAN AKERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 87586
Owner/Operator City,State,Zip:	VANCOUVER, WA 98687-7856
Owner/Operator Telephone:	360-784-5217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-12-12 00:00:00.0
Handler Name:	BANFIELD PET HOSPITAL #1498
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

J52 **PETSMART #1498** **RCRA NonGen / NLR** **1024852300**
SSW **1840 MAIN CT** **CAL000411353**
1/8-1/4 **CHULA VISTA, CA 91911**
0.200 mi.
1055 ft. **Site 2 of 6 in cluster J**

Relative: **Lower**
Actual: **118 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2015-10-20 00:00:00.0
Handler Name:	PETSMART #1498	
Handler Address:		1840 MAIN CT
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAL000411353
Contact Name:		KEN DOBIAS
Contact Address:		3481 PLANO PARKWAY
Contact City,State,Zip:		THE COLONY, TX 75056
Contact Telephone:		972-464-0004
Contact Fax:		Not reported
Contact Email:		KEN.DOBIAS@QUESTRMG.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:		19601 N 27TH AVE
Mailing City,State,Zip:		PHOENIX, AZ 85027-4008
Owner Name:		PETSMART BEAUTY HOLDING LLC
Owner Type:		Other
Operator Name:		KEN DOBIAS
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

PETSMART #1498 (Continued) **1024852300**

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 17:06:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETSMART BEAUTY HOLDING LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19601 N 27TH AVE
Owner/Operator City,State,Zip:	PHOENIX, AZ 85027-4008
Owner/Operator Telephone:	623-587-2912
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN DOBIAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3481 PLANO PARKWAY
Owner/Operator City,State,Zip:	THE COLONY, TX 75056
Owner/Operator Telephone:	972-464-0004
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PETSMART #1498 (Continued) **1024852300**

Historic Generators:
Receive Date: 2015-10-20 00:00:00.0
Handler Name: PETSMART #1498
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: 42249
NAICS Description: OTHER GROCERY AND RELATED PRODUCTS WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J53 **PETSMART #1498** **CA San Diego Co. HMMD** **S119096189**
SSW **1840 MAIN CT** **CA CERS HAZ WASTE** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA HAZNET**
0.200 mi. **CA CERS**
1055 ft. **Site 3 of 6 in cluster J** **CA HWTS**

Relative:
Lower

Actual:
118 ft.

HMMD SAN DIEGO:
Name: PETSMART #1498
Address: 1840 MAIN CT
City,State,Zip: CHULA VISTA, CA 91911-6069
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000411353
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-397-0605
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 08/12/2020
Facility Owner: Not reported
Facility Mailing Address: 19601 N. 27th Avenue, Phoenix, AZ 85027
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

PETSMART #1498 (Continued) **S119096189**

Inspection Violation:

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-002492
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5933458
Return To Compliance Date:	2018-07-26T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-08-12T00:00:00.000
Inspection Date:	2018-06-20T14:50:00.000
Violation Code:	3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-002492
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5933458
Return To Compliance Date:	2018-07-26T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-08-12T00:00:00.000
Inspection Date:	2018-06-20T14:50:00.000
Violation Code:	HMD0226 Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-002492
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5933458
Return To Compliance Date:	2018-07-26T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2020-08-12T00:00:00.000
Inspection Date:	2018-06-20T14:50:00.000
Violation Code:	3020001 Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)

Waste and Materials:

Record ID:	DEH2016-HUPFP-002492

PETSMART #1498 (Continued) **S119096189**

Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141469
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-11T00:42:20.000
Chemical Name:	VARIOUS AEROSOLS
Common Name:	WASTE AEROSOLS
Case Number:	Not reported

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141470
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-11T00:42:20.000
Chemical Name:	CORROSIVE LIQUIDS, BASIC
Common Name:	WASTE CORROSIVE LIQUIDS, BASIC
Case Number:	Not reported

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141471
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-11T00:42:20.000
Chemical Name:	CORROSIVE LIQUIDS, ACIDIC
Common Name:	WASTE CORROSIVE LIQUIDS, ACIDIC
Case Number:	Not reported

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141472
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-11T00:42:20.000
Chemical Name:	FLAMMABLE LIQUIDS
Common Name:	WASTE FLAMMABLE LIQUIDS
Case Number:	Not reported

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141473
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-11T00:42:20.000
Chemical Name:	Oxidizing Liquid
Common Name:	WASTE OXIDIZING LIQUIDS
Case Number:	Not reported

Record ID:	DEH2016-HUPFP-002492
Permit Status:	Permit Renewed
Active Permit:	Y

PETSMART #1498 (Continued) **S119096189**

Child Record Id: DEH2018-HWAST-0141474
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T00:42:20.000
Chemical Name: TOXIC LIQUIDS
Common Name: WASTE TOXIC LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141475
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T00:42:20.000
Chemical Name: Toxic Solids
Common Name: WASTE TOXIC SOLIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141476
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-11T00:42:20.000
Chemical Name: Broken Fluorescent Bulbs
Common Name: Hazardous Waste Solid, Mercury
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188645
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000
Chemical Name: VARIOUS AEROSOLS
Common Name: WASTE AEROSOLS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188646
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000
Chemical Name: CORROSIVE LIQUIDS, BASIC
Common Name: WASTE CORROSIVE LIQUIDS, BASIC
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188647
Trade Secret: N

PETSMART #1498 (Continued) **S119096189**

Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000
Chemical Name: CORROSIVE LIQUIDS, ACIDIC
Common Name: WASTE CORROSIVE LIQUIDS, ACIDIC
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188648
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000
Chemical Name: FLAMMABLE LIQUIDS
Common Name: WASTE FLAMMABLE LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188649
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000
Chemical Name: Oxidizing Liquid
Common Name: WASTE OXIDIZING LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188650
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000
Chemical Name: TOXIC LIQUIDS
Common Name: WASTE TOXIC LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188651
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000
Chemical Name: Toxic Solids
Common Name: WASTE TOXIC SOLIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188652
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-14T09:31:36.000

PETSMART #1498 (Continued) **S119096189**

Chemical Name: Broken Fluorescent Bulbs
Common Name: Hazardous Waste Solid, Mercury
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215890
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: CORROSIVE LIQUIDS, BASIC
Common Name: WASTE CORROSIVE LIQUIDS, BASIC
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215891
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: CORROSIVE LIQUIDS, ACIDIC
Common Name: WASTE CORROSIVE LIQUIDS, ACIDIC
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215892
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: FLAMMABLE LIQUIDS
Common Name: WASTE FLAMMABLE LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215893
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: Oxidizing Liquid
Common Name: WASTE OXIDIZING LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215894
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: TOXIC LIQUIDS
Common Name: WASTE TOXIC LIQUIDS

PETSMART #1498 (Continued) **S119096189**

Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215895
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: Toxic Solids
Common Name: WASTE TOXIC SOLIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215896
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: Broken Fluorescent Bulbs
Common Name: Hazardous Waste Solid, Mercury
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108623
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: VARIOUS AEROSOLS
Common Name: WASTE AEROSOLS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108624
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: CORROSIVE LIQUIDS, BASIC
Common Name: WASTE CORROSIVE LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108625
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: CORROSIVE LIQUIDS, ACIDIC
Common Name: WASTE CORROSIVE LIQUIDS
Case Number: Not reported

PETSMART #1498 (Continued) **S119096189**

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108626
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: FLAMMABLE LIQUIDS
Common Name: WASTE FLAMMABLE LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108627
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: Oxidizing Liquid
Common Name: WASTE OXIDIZING LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108628
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: TOXIC LIQUIDS
Common Name: WASTE TOXIC LIQUIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108629
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: Toxic Solids
Common Name: WASTE TOXIC SOLIDS
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108630
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-08-11T02:31:27.000
Chemical Name: Broken Fluorescent Bulbs
Common Name: Hazardous Waste Solid, Mercury
Case Number: Not reported

Record ID: DEH2016-HUPFP-002492
Permit Status: Permit Renewed

PETSMART #1498 (Continued) **S119096189**

Active Permit: Y
Child Record Id: DEH2020-HWAST-0215889
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-08-12T02:33:03.000
Chemical Name: VARIOUS AEROSOLS
Common Name: WASTE AEROSOLS
Case Number: Not reported

CERS HAZ WASTE:
Name: PETSMART #1498
Address: 1840 MAIN CT
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 360936
CERS ID: 10650334
CERS Description: Hazardous Waste Generator

HAZNET:
Name: PETSMART #1498
Address: 1840 MAIN CT
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 850274008
Contact: ASHLEY CAMPBELL
Telephone: 7139855472
Mailing Name: Not reported
Mailing Address: 19601 N 27TH AVE

Year: 2019
Gepaid: CAL000411353
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.04500

Year: 2019
Gepaid: CAL000411353
TSD EPA ID: AZR000515924
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00900

Year: 2019
Gepaid: CAL000411353
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00100

Year: 2018
Gepaid: CAL000411353
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics

PETSMART #1498 (Continued) **S119096189**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00950
Year:	2017
Gepaid:	CAL000411353
TSD EPA ID:	AZR000515924
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02085
Year:	2016
Gepaid:	CAL000411353
TSD EPA ID:	CAD008302903
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0145

Additional Info:

Year:	2017
Gen EPA ID:	CAL000411353
Shipment Date:	20171117
Creation Date:	7/21/2018 18:30:10
Receipt Date:	20171201
Manifest ID:	016594261JJK
Trans EPA ID:	CAR000262956
Trans Name:	ENVIROPROS
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	PETSMART #1498
Address:	1840 MAIN CT
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	360936
CERS ID:	10650334

PETSMART #1498 (Continued) **S119096189**

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 360936
Site Name: PetSmart #1498
Violation Date: 06-20-2018
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 07/26/2018. Inspection Sequence ID:5933458;Violation:HMD0226 Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 360936
Site Name: PetSmart #1498
Violation Date: 06-20-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 07/26/2018. Inspection Sequence ID:5933458
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 360936
Site Name: PetSmart #1498
Violation Date: 06-20-2018
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 07/26/2018. Inspection Sequence ID:5933458
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5933458
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-24-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Khan Steven Inspection ID:5515947
Eval Division: San Diego County Department of Env Health

PETSMART #1498 (Continued) **S119096189**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-24-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Khan Steven Inspection ID:5515947
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 360936
Facility Name: PetSmart #1498
Env Int Type Code: HWG
Program ID: 10650334
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.593760
Longitude: -117.034760

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Environmental Contact
Entity Name: MAXIM KRAVCHUK
Entity Title: Not reported
Affiliation Address: 19601 N. 27th Avenue
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: Not reported
Affiliation Zip: 85027
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Petsmart
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: PetSmart, Inc.
Entity Title: Not reported

PETSMART #1498 (Continued) **S119096189**

Affiliation Address:	19601 N. 27th Avenue
Affiliation City:	Phoenix
Affiliation State:	AZ
Affiliation Country:	United States
Affiliation Zip:	85027
Affiliation Phone:	(623) 587-2912
Affiliation Type Desc:	Document Preparer
Entity Name:	ASHLEY CAMPBELL
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:	Contracted Services, 19601 N 27th Ave
Affiliation City:	Phoenix
Affiliation State:	AZ
Affiliation Country:	Not reported
Affiliation Zip:	85027
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Ashley Campbell
Entity Title:	COMPLIANCE&REG AFFAIR SPECIALIST
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	PetSmart, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(623) 580-6100

HWTS:

Name:	PETSMART #1498
Address:	1840 MAIN CT
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000411353
Inactive Date:	Not reported
Create Date:	10/20/2015
Last Act Date:	08/18/2020

PETSMART #1498 (Continued) **S119096189**

Mailing Name:	Not reported
Mailing Address:	19601 N 27TH AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PHOENIX, AZ 850274008
Owner Name:	PETSMART
Owner Address:	19601 N 27TH AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	PHOENIX, AZ 850274008
Contact Name:	ASHLEY CAMPBELL
Contact Address:	9950 CHEMICAL ROAD
Contact Address 2:	Not reported
City,State,Zip:	PASADENA, TX 77507

NAICS:

EPA ID:	CAL000411353
Create Date:	2015-10-20 15:21:20.270
NAICS Code:	42249
NAICS Description:	Other Grocery and Related Products Wholesalers
Issued EPA ID Date:	2015-10-20 15:21:20.27000
Inactive Date:	Not reported
Facility Name:	PETSMART #1498
Facility Address:	1840 MAIN CT
Facility Address 2:	Not reported
Facility City:	CHULA VISTA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91911

J54 **BANFIELD PET HOSPITAL #1498** **CA San Diego Co. HMMD** **S119096064**
SSW **1840 MAIN CT** **CA CERS HAZ WASTE** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA HAZNET**
0.200 mi. **CA CERS**
1055 ft. **Site 4 of 6 in cluster J** **CA HWTS**

Relative: **Lower**

Actual: **118 ft.**

HMMD SAN DIEGO:

Name:	BANFIELD PET HOSPITAL #1498
Address:	1840 MAIN CT
City,State,Zip:	CHULA VISTA, CA 91911-6069
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000301326
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	619-397-0041
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	01/21/2021
Facility Owner:	Not reported
Facility Mailing Address:	PO Box 87586, Vancouver, WA 98687
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002066
Program Element: Medical Waste
Inspection Type: Routine
Inspection Number: 6060095
Return To Compliance Date: 2019-07-23T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-01-21T00:00:00.000
Inspection Date: 2019-07-02T00:00:00.000
Violation Code: HMD4205 Medical SOLID WASTE not secured to deny access to unauthorized persons. SDCC 68.1211

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002066
Program Element: Medical Waste
Inspection Type: Status Verification
Inspection Number: 5352152
Return To Compliance Date: 2016-01-04T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-01-21T00:00:00.000
Inspection Date: 2015-12-08T13:49:00.000
Violation Code: HMD4303 Did not retain on file disposal receipts, tracking/shipping documents for medical waste shipped offsite for 3 years. HSC 117945

Waste and Materials:
Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129887
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-17T02:30:29.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129888
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-17T02:30:29.000

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Chemical Name: BIOHAZARDOUS/PATHOLOGY WASTE
Common Name: BIOHAZARDOUS/PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129889
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-17T02:30:29.000
Chemical Name: EXPIRED PHARMACEUTICALS
Common Name: EXPIRED PHARMACEUTICALS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129890
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-17T02:30:29.000
Chemical Name: WASTE DIFFERENTIAL STAIN
Common Name: WASTE DIFFERENTIAL STAIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129891
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-17T02:30:29.000
Chemical Name: WASTE FORMALIN
Common Name: WASTE FORMALIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0129892
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-17T02:30:29.000
Chemical Name: WASTE PHARMACEUTICALS
Common Name: WASTE PHARMACEUTICALS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0160065
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-16T02:34:20.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0160066
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-16T02:34:20.000
Chemical Name: BIOHAZARDOUS/PATHOLOGY WASTE
Common Name: BIOHAZARDOUS/PATHOLOGY WASTE
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0160067
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-16T02:34:20.000
Chemical Name: EXPIRED PHARMACEUTICALS
Common Name: EXPIRED PHARMACEUTICALS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0160068
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-16T02:34:20.000
Chemical Name: WASTE DIFFERENTIAL STAIN
Common Name: WASTE DIFFERENTIAL STAIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0160069
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-16T02:34:20.000
Chemical Name: WASTE FORMALIN
Common Name: WASTE FORMALIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0160070
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-16T02:34:20.000
Chemical Name: WASTE PHARMACEUTICALS
Common Name: WASTE PHARMACEUTICALS
Case Number: Not reported

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218439
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-21T02:32:11.000
Chemical Name: WASTE DIFFERENTIAL STAIN
Common Name: WASTE DIFFERENTIAL STAIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218440
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-21T02:32:11.000
Chemical Name: WASTE FORMALIN
Common Name: WASTE FORMALIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218441
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-21T02:32:11.000
Chemical Name: WASTE PHARMACEUTICALS
Common Name: WASTE PHARMACEUTICALS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186479
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-04T19:16:35.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186480
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-04T19:16:35.000
Chemical Name: EXPIRED PHARMACEUTICALS
Common Name: EXPIRED PHARMACEUTICALS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0186481
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-04T19:16:35.000
Chemical Name: WASTE DIFFERENTIAL STAIN
Common Name: WASTE DIFFERENTIAL STAIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186482
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-04T19:16:35.000
Chemical Name: WASTE FORMALIN
Common Name: WASTE FORMALIN
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186483
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-04T19:16:35.000
Chemical Name: WASTE PHARMACEUTICALS
Common Name: WASTE PHARMACEUTICALS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0076484
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-02-04T02:31:24.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218437
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-21T02:32:11.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Case Number: Not reported

Record ID: DEH2015-HUPFP-002066
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0218438

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-21T02:32:11.000
Chemical Name: EXPIRED PHARMACEUTICALS
Common Name: EXPIRED PHARMACEUTICALS
Case Number: Not reported

CERS HAZ WASTE:
Name: BANFIELD PET HOSPITAL #1498
Address: 1840 MAIN CT
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 358254
CERS ID: 10642510
CERS Description: Hazardous Waste Generator

HAZNET:
Name: BANFIELD PET HOSPITAL #1498
Address: 1840 MAIN CT
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 986877856
Contact: SEAN AKERS
Telephone: 3607845217
Mailing Name: Not reported
Mailing Address: P.O. BOX 87586

Year: 2019
Gepaid: CAL000301326
TSD EPA ID: AZD081705402
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00850

Year: 2018
Gepaid: CAL000301326
TSD EPA ID: INR000110197
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00450

Year: 2018
Gepaid: CAL000301326
TSD EPA ID: CAD008364432
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05700

Year: 2018
Gepaid: CAL000301326
TSD EPA ID: NVD980895338
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Tons:	0.01900
Year:	2018
Gepaid:	CAL000301326
TSD EPA ID:	NVD980895338
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01050
Year:	2017
Gepaid:	CAL000301326
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.011
Year:	2017
Gepaid:	CAL000301326
TSD EPA ID:	INR000110197
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0025

Additional Info:

Year:	2017
Gen EPA ID:	CAL000301326
Shipment Date:	20171026
Creation Date:	7/16/2018 18:31:15
Receipt Date:	20171108
Manifest ID:	010760366FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171026

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Creation Date:	8/12/2018 18:30:07
Receipt Date:	20171031
Manifest ID:	010760367FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	D010
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170912
Creation Date:	6/26/2018 18:30:39
Receipt Date:	20170920
Manifest ID:	010760118FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D010
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	BANFIELD PET HOSPITAL #1498
Address:	1840 MAIN CT
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	358254
CERS ID:	10642510
CERS Description:	Chemical Storage Facilities

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6060095
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	358254
Facility Name:	Banfield Pet Hospital #1498
Env Int Type Code:	HMBP
Program ID:	10642510
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	32.593760
Longitude:	-117.034760

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1840 Main Court
Affiliation City:	Chula Vista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880

Affiliation Type Desc:	Document Preparer
Entity Name:	Courtney Adams
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:	Courtney Adams
Entity Title:	Not reported
Affiliation Address:	PO Box 87586
Affiliation City:	Vancouver

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: 98687
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Medical Management International, Inc. DBA Banfield Pet Hospital
Entity Title: Not reported
Affiliation Address: PO Box 87586
Affiliation City: Vancouver
Affiliation State: WA
Affiliation Country: United States
Affiliation Zip: 98687
Affiliation Phone: (866) 894-7927

Affiliation Type Desc: Operator
Entity Name: Banfield Pet Hospital #1498
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: (619) 397-0041

Affiliation Type Desc: Identification Signer
Entity Name: Courtney Adams
Entity Title: Sr Coordinator Compliance
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: Banfield Pet Hospital
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

HWTS:
Name: BANFIELD PET HOSPITAL #1498
Address: 1840 MAIN CT
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 919116069
EPA ID: CAL000301326
Inactive Date: Not reported
Create Date: 12/12/2005
Last Act Date: 09/01/2020
Mailing Name: Not reported
Mailing Address: P.O. BOX 87586

BANFIELD PET HOSPITAL #1498 (Continued) **S119096064**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	VANCOUVER, WA 986877856
Owner Name:	MEDICAL MANAGEMENT INTERNATIONAL IN
Owner Address:	P.O. BOX 87586
Owner Address 2:	Not reported
Owner City,State,Zip:	VANCOUVER, WA 986877856
Contact Name:	SAMANTHA WOLF-SAXON
Contact Address:	P.O. BOX 87586
Contact Address 2:	Not reported
City,State,Zip:	VANCOUVER, WA 986877856

NAICS:

EPA ID:	CAL000301326
Create Date:	2005-12-12 12:29:15.327
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2005-12-12 12:29:15.25000
Inactive Date:	Not reported
Facility Name:	BANFIELD PET HOSPITAL #1498
Facility Address:	1840 MAIN CT
Facility Address 2:	Not reported
Facility City:	CHULA VISTA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	919116069

I55 **SHINOHARA FARM** **CA CPS-SLIC** **S104754216**
SE **580 OTAY VALLEY RD** **CA San Diego Co. HMMD** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA CERS**
0.202 mi.
1066 ft. **Site 4 of 4 in cluster I**

Relative:
Lower

Actual:
127 ft.

CPS-SLIC:

Name:	SHINOHARA PARCEL 3 H34122-001
Address:	580 OTAY VALLEY ROAD
City,State,Zip:	CHULA VISTA, CA 91911
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/27/2018
Global Id:	T10000012350
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	DEH2018-LSAM-000523
Latitude:	32.59421
Longitude:	-117.02842
Case Type:	Cleanup Program Site
Case Worker:	CH
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HMMD SAN DIEGO:

Name:	SHINOHARA FARM

SHINOHARA FARM (Continued) **S104754216**

Address:	580 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	134122
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	DEH-134122
Last HMMD Inspection:	Not reported
Facility Telephone:	Not reported
Permit Status:	INAC
Permit Expiration:	Not reported
Date Last Updated:	11/02/2012
Facility Owner:	SHINOHARA FARMS
Facility Mailing Address:	580 OTAY VALLEY RD
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911-
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

CERS:

Name:	SHINOHARA PARCEL 3 H34122-001
Address:	580 OTAY VALLEY ROAD
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	445690
CERS ID:	T10000012350
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	COLLEEN HINES - SAN DIEGO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	P.O. Box 129261
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8585056874

H56 **OTAY VALLEY SHELL SVC INC** **CA HIST UST** **U001571104**
SW **455 OTAY VALLEY RD** **N/A**
1/8-1/4 **CHULA VISTA, CA 92011**
0.202 mi.
1068 ft. **Site 7 of 9 in cluster H**

Relative:
Lower

Actual:
139 ft.

HIST UST:

Name:	OTAY VALLEY SHELL SVC INC
Address:	455 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 92011
File Number:	0002F314
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F314.pdf
Region:	STATE
Facility ID:	00000044031

OTAY VALLEY SHELL SVC INC (Continued) **U001571104**

Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SAME
Telephone:	6194216953
Owner Name:	SHELL OIL COMPANY
Owner Address:	P.O. BOX 4848
Owner City,St,Zip:	ANAHEIM, CA 92803
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	002
Container Num:	2
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	003
Container Num:	3
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

Click here for Geo Tracker PDF:

H57 **KIDDIE KANDIDS #00606** **RCRA-SQG** **1010313972**
SW **4501 MAIN STREET** **CAR000180380**
1/8-1/4 **CHULA VISTA, CA 91911**
0.212 mi.
1118 ft. **Site 8 of 9 in cluster H**

Relative: RCRA-SQG:
Lower

Date Form Received by Agency:		2007-01-05 00:00:00.0
Handler Name:	KIDDIE KANDIDS #00606	
Handler Address:		4501 MAIN STREET
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAR000180380
Contact Name:		CLINT W EASTMAN
Contact Address:		4501 MAIN STREET
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-656-1291
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09

Actual:
138 ft.

KIDDIE KANDIDS #00606 (Continued) **1010313972**

Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4501 MAIN STREET
Mailing City,State,Zip:	CHULA VISTA, CA 91911
Owner Name:	TOYS R US
Owner Type:	Private
Operator Name:	TOYS R US
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

KIDDIE KANDIDS #00606 (Continued) **1010313972**

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:	2007-01-30 22:47:50.0
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

Hazardous Waste Summary:

Waste Code:	D011
Waste Description:	SILVER

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOYS R US
Legal Status:	Private
Date Became Current:	2006-11-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE GEOFFERY WAY
Owner/Operator City,State,Zip:	WAYNE, NJ 07470
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOYS R US
Legal Status:	Private
Date Became Current:	2006-11-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE GEOFFERY WAY
Owner/Operator City,State,Zip:	WAYNE, NJ 07470
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2007-01-05 00:00:00.0
Handler Name: KIDDIE KANDIDS #00606	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

KIDDIE KANDIDS #00606 (Continued) **1010313972**

List of NAICS Codes and Descriptions:
NAICS Code: 812922
NAICS Description: ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J58 **ALDI #96** **CA San Diego Co. HMMD** **S122354465**
SSW **1850 MAIN CT** **CA CERS HAZ WASTE** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA CERS**
0.212 mi. **CA HWTS**
1121 ft. **Site 5 of 6 in cluster J**

Relative: **Lower**
Actual: **114 ft.**

HMMD SAN DIEGO:
Name: ALDI #96
Address: 1850 MAIN CT
City,State,Zip: CHULA VISTA, CA 91911-6069
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000428931
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-656-0383
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 03/28/2020
Facility Owner: Not reported
Facility Mailing Address: 12661 Aldi Place, Moreno Valley, CA 92555
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-002175
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6382558
Return To Compliance Date: 2019-12-31T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2020-03-28T00:00:00.000

ALDI #96 (Continued) **S122354465**

Inspection Date: 2019-12-31T00:00:00.000
Violation Code: 3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Waste and Materials:

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0172723
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0172724
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Lead Acid Batteries
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146824
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Alkaline Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146825
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Flammable/Combustible Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146826
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported

ALDI #96 (Continued) **S122354465**

Common Name: Oxidizing Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146827
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Poisonous Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146828
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Over the Counter Drug Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146829
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Aerosol Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146830
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Oily Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0146831
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-28T02:31:45.000
Chemical Name: Not reported
Common Name: Universal Waste
Case Number: Not reported

ALDI #96 (Continued) **S122354465**

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250264
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221413
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Poisonous Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0224186
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0224187
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Lead Acid Batteries
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0193853
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Alkaline Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed

ALDI #96 (Continued) **S122354465**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0193854
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Flammable/Combustible Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0193855
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Oxidizing Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0193856
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Poisonous Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0193857
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Over the Counter Drug Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0193858
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Aerosol Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0193859

ALDI #96 (Continued) **S122354465**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Oily Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0193860
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:15:15.000
Chemical Name: Not reported
Common Name: Universal Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250265
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Lead Acid Batteries
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221410
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Alkaline Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221411
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Flammable/Combustible Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221412
Trade Secret: N
Hazardous Material Type: Not reported

ALDI #96 (Continued) **S122354465**

Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Oxidizing Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221414
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Over the Counter Drug Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221415
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Aerosol Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221416
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Oily Waste
Case Number: Not reported

Record ID: DEH2015-HUPFP-002175
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221417
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-28T02:31:48.000
Chemical Name: Not reported
Common Name: Universal Waste
Case Number: Not reported

CERS HAZ WASTE:
Name: ALDI #96
Address: 1850 MAIN CT
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 354943
CERS ID: 10636783
CERS Description: Hazardous Waste Generator

ALDI #96 (Continued) **S122354465**

CERS:
Name: ALDI #96
Address: 1850 MAIN CT
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 354943
CERS ID: 10636783
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 354943
Site Name: Aldi #96
Violation Date: 12-31-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/31/2019. Inspection Sequence ID:6382558
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5876736
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5876736
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Khan Steven Inspection ID:5444421
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Khan Steven Inspection ID:5444421

ALDI #96 (Continued) **S122354465**

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-31-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6382558
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-31-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Velediaz Belinda Inspection ID:6382558
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 354943
Facility Name: Aldi #96
Env Int Type Code: HWG
Program ID: 10636783
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.593500
Longitude: -117.034620

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Caroline Rowe
Entity Title: Exectuive Assistant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Document Preparer
Entity Name: Caroline Rowe
Entity Title: Not reported

ALDI #96 (Continued) **S122354465**

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:	Caroline Rowe
Entity Title:	Not reported
Affiliation Address:	12661 Aldi Place
Affiliation City:	Moreno Valley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92555
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	12661 Aldi Place
Affiliation City:	Moreno Valley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92555
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Aldi Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 530-5750
Affiliation Type Desc:	Parent Corporation
Entity Name:	Al Incorporated (ALDI)
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:	Yacoel Investments, LLC
Entity Title:	Not reported
Affiliation Address:	2801 West Coast Highway Suite 380
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92663
Affiliation Phone:	(949) 646-2900

ALDI #96 (Continued) **S122354465**

Affiliation Type Desc:	Legal Owner
Entity Name:	AI California LLC dba Aldi Inc
Entity Title:	Not reported
Affiliation Address:	12661 Aldi Place
Affiliation City:	Moreno Valley
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92555
Affiliation Phone:	(951) 530-5750

HWTS:

Name:	ALDI #96
Address:	1850 MAIN CT
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000428931
Inactive Date:	Not reported
Create Date:	07/06/2017
Last Act Date:	07/20/2020
Mailing Name:	Not reported
Mailing Address:	12661 ALDI PL
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MORENO VALLEY, CA 92555
Owner Name:	ALDI INCORPORATED
Owner Address:	12661 ALDI PL
Owner Address 2:	Not reported
Owner City,State,Zip:	MORENO VALLEY, CA 92555
Contact Name:	CAROLINE ROWE
Contact Address:	12661 ALDI PLACE
Contact Address 2:	Not reported
City,State,Zip:	MORENO VALLEY, CA 92555

NAICS:

EPA ID:	CAL000428931
Create Date:	2017-07-06 11:59:05.743
NAICS Code:	49312
NAICS Description:	Refrigerated Warehousing and Storage
Issued EPA ID Date:	2017-07-06 11:59:05.74300
Inactive Date:	Not reported
Facility Name:	ALDI #96
Facility Address:	1850 MAIN CT
Facility Address 2:	Not reported
Facility City:	CHULA VISTA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91911

J59 **ALDI #96** **RCRA NonGen / NLR** **1024860489**
SSW **1850 MAIN CT** **CAL000428931**
1/8-1/4 **CHULA VISTA, CA 91911**
0.212 mi.
1121 ft. **Site 6 of 6 in cluster J**

Relative: **Lower**
Actual: **114 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2017-07-06 00:00:00.0
Handler Name:	ALDI #96	
Handler Address:		1850 MAIN CT
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAL000428931
Contact Name:		BERLIND LOOMIS
Contact Address:		12661 ALDI PL
Contact City,State,Zip:		MORENO VALLEY, CA 92555
Contact Telephone:		951-530-5750
Contact Fax:		951-530-5775
Contact Email:		BERLIND.LOOMIS@ALDI.US
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:		12661 ALDI PL
Mailing City,State,Zip:		MORENO VALLEY, CA 92555
Owner Name:		AL CALIFORNIA LLC DBA ALDI INC
Owner Type:		Other
Operator Name:		BERLIND LOOMIS
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ALDI #96 (Continued) **1024860489**

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:	2018-09-07 19:36:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BERLIND LOOMIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12661 ALDI PL
Owner/Operator City,State,Zip:	MORENO VALLEY, CA 92555
Owner/Operator Telephone:	951-530-5750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AL CALIFORNIA LLC DBA ALDI INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12661 ALDI PL
Owner/Operator City,State,Zip:	MORENO VALLEY, CA 92555
Owner/Operator Telephone:	951-530-5750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALDI #96 (Continued) **1024860489**

Historic Generators:
- Receive Date: 2017-07-06 00:00:00.0
- Handler Name: ALDI #96
- 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: 49312
- NAICS Description: REFRIGERATED WAREHOUSING AND STORAGE

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

K60 **KEITH JAMES** **RCRA NonGen / NLR** **1026048671**
NNW **1559 OLEANDER AVENUE** **CAC003055338**
1/8-1/4 **CHULA VISTA, CA 91911**
0.221 mi.
1168 ft. **Site 1 of 2 in cluster K**

Relative: **Lower**
Actual: **188 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 2020-02-11 00:00:00.0
- Handler Name: KEITH JAMES
- Handler Address: 1559 OLEANDER AVENUE
- Handler City,State,Zip: CHULA VISTA, CA 91911
- EPA ID: CAC003055338
- Contact Name: KEITH JAMES
- Contact Address: 1559 OLEANDER AVENUE
- Contact City,State,Zip: CHULA VISTA, CA 91911
- Contact Telephone: 858-750-5771
- Contact Fax: Not reported
- Contact Email: DANIELLEECKES@ALLIANCE-ENVIRO.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Not reported
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 1559 OLEANDER AVENUE
- Mailing City,State,Zip: CHULA VISTA, CA 91911
- Owner Name: KEITH JAMES

KEITH JAMES (Continued) **1026048671**

Owner Type:	Other
Operator Name:	KEITH JAMES
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-06 18:10:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

KEITH JAMES (Continued) **1026048671**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KEITH JAMES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1559 OLEANDER AVENUE
Owner/Operator City,State,Zip: CHULA VISTA, CA 91911
Owner/Operator Telephone: 858-750-5771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KEITH JAMES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1559 OLEANDER AVENUE
Owner/Operator City,State,Zip: CHULA VISTA, CA 91911
Owner/Operator Telephone: 858-750-5771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-02-11 00:00:00.0
Handler Name: KEITH JAMES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H61 **L&S AUTO WRECKING** **CA SAN DIEGO CO. SAM** **S104751117**
SW **4984 OTAY VALLEY RD** **CA CPS-SLIC** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA San Diego Co. HMMD**
0.226 mi. **CA CERS**
1193 ft. **Site 9 of 9 in cluster H**

Relative:
Lower

Actual:
131 ft.

SAN DIEGO CO. SAM:

Name:	L&S AUTO WRECKING
Address:	4984 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Case Number:	H26591-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**Private - VAP**
Facility Type:	Soils Only
Facility Status:	Closed Case
Date:	7/8/1991
Date Began:	Not reported

CPS-SLIC:

Name:	L&S AUTO WRECKING
Address:	4984 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/08/1991
Global Id:	T0608157584
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H26591-001
Latitude:	32.5944256919971
Longitude:	-117.035422325134
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HMMD SAN DIEGO:

Name:	L&S AUTO WRECKING
Address:	4984 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	126591
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	644-040-49-00
Last HMMD Inspection:	Not reported
Facility Telephone:	858-457-5119
Permit Status:	INAC
Permit Expiration:	Not reported
Date Last Updated:	11/02/2012
Facility Owner:	GIRARD SAVINGS BANK
Facility Mailing Address:	4320 LA JOLLA VILLAGE DR #200
Facility Mailing City:	SAN DIEGO
Facility Mailing State:	CA

L&S AUTO WRECKING (Continued) **S104751117**

Facility Mailing Zip:	92122-
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

CERS:

Name:	L&S AUTO WRECKING
Address:	4984 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	202745
CERS ID:	T0608157584
CERS Description:	Cleanup Program Site

K62 **ORTEGA, ANTONIO** **RCRA NonGen / NLR** **1026465809**
NW **1566 OLEANDER AVE** **CAC003071067**
1/8-1/4 **CHULA VISTA, CA 91911**
0.229 mi.
1207 ft. **Site 2 of 2 in cluster K**

Relative: **Lower**

Actual: **178 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-06-16 00:00:00.0
Handler Name:	ORTEGA, ANTONIO	
Handler Address:		1566 OLEANDER AVE
Handler City,State,Zip:		CHULA VISTA, CA 91911
EPA ID:		CAC003071067
Contact Name:		ORTEGA, ANTONIO
Contact Address:		1566 OLEANDER AVE
Contact City,State,Zip:		CHULA VISTA, CA 91911
Contact Telephone:		619-709-0650
Contact Fax:		Not reported
Contact Email:		VANESSAPIZARRO@ALLIANCE-ENVIRO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1566 OLEANDER AVE
Mailing City,State,Zip:		CHULA VISTA, CA 91911
Owner Name:		ORTEGA, ANTONIO
Owner Type:		Other
Operator Name:		ORTEGA, ANTONIO
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

ORTEGA, ANTONIO (Continued) **1026465809**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-07-10 18:44:13.0
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:	ORTEGA, ANTONIO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

ORTEGA, ANTONIO (Continued) **1026465809**

Owner/Operator Address:	1566 OLEANDER AVE
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-709-0650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ORTEGA, ANTONIO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1566 OLEANDER AVE
Owner/Operator City,State,Zip:	CHULA VISTA, CA 91911
Owner/Operator Telephone:	619-709-0650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-06-16 00:00:00.0
Handler Name: ORTEGA, ANTONIO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

L63 **SOUTH BAY MOTOR SPORTS** **CA San Diego Co. HMMD** **S108755373**
ESE **1890 AUTO PARK PL** **CA CERS HAZ WASTE** **N/A**
1/8-1/4 **CHULA VISTA, CA 91911** **CA CERS**
0.239 mi.
1262 ft. **Site 1 of 2 in cluster L**

Relative: **Lower**
Actual: **149 ft.**

HMMD SAN DIEGO:

Name:	TAB SERVICE
Address:	1890 AUTO PARK PL
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	207555
Business Type:	6HK26

SOUTH BAY MOTOR SPORTS (Continued) **S108755373**

EPA Id Number:	CAL000312590
APN:	644-041-20-00
Last HMMD Inspection:	Not reported
Facility Telephone:	619-420-2300
Permit Status:	INAC
Permit Expiration:	12/31/2007
Date Last Updated:	11/02/2012
Facility Owner:	JOSEPH RODRIGUEZ
Facility Mailing Address:	Not reported
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	SOUTH BAY MOTOR SPORTS
Address:	1890 AUTO PARK PL
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	207362
Business Type:	6HK26
EPA Id Number:	CAL000312590
APN:	644-041-20-00
Last HMMD Inspection:	05/10/2012
Facility Telephone:	619-420-2300
Permit Status:	OPEN
Permit Expiration:	01/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	MULTIPLE OWNERS/ PARTNERS
Facility Mailing Address:	1890 AUTOPARK PLACE
Facility Mailing City:	Chula Vista
Facility Mailing State:	CA
Facility Mailing Zip:	91911
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	207362
Update Date:	11/02/2012
Case Number:	Not reported
Name:	OILS, LUBRICATING
Other Information:	MOTOR OIL
Material Waste:	Material
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	207362
Update Date:	11/02/2012
Case Number:	7664-93-9

SOUTH BAY MOTOR SPORTS (Continued) **S108755373**

Name: SULFURIC ACID
Other Information: BATTERY ACID
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 207362
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: PARTS WASHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207362
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: WASTE GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207362
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207362
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: USED LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 207362
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL AND FUEL FILTERS/ DRAINED
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 207362
Update Date: 11/02/2012
Inspection Date: 05/10/2012
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE

SOUTH BAY MOTOR SPORTS (Continued) **S108755373**

Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity: ACTIVE

Permit Number: 207362
Update Date: 11/02/2012
Inspection Date: 08/28/2008
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity: ACTIVE

CERS HAZ WASTE:
Name: DASB INC
Address: 1890 AUTO PARK PL
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 402522
CERS ID: 10359160
CERS Description: Hazardous Waste Generator

CERS:
Name: DASB INC
Address: 1890 AUTO PARK PL
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 402522
CERS ID: 10359160
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 402522
Site Name: DASB Inc
Violation Date: 06-22-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 07/05/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402522
Site Name: DASB Inc
Violation Date: 11-26-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 01/15/2019. Inspection Sequence ID:6021126
Violation Division: San Diego County Department of Env Health

SOUTH BAY MOTOR SPORTS (Continued) **S108755373**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 402522
Site Name: DASB Inc
Violation Date: 06-22-2017
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 07/15/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 402522
Site Name: DASB Inc
Violation Date: 07-24-2015
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes: Returned to compliance on 08/10/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 402522
Site Name: DASB Inc
Violation Date: 06-22-2017
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 07/05/2017.
Violation Division: San Diego County Department of Env Health
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: Inspector: Luna Raisa Inspection ID:5705051
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

SOUTH BAY MOTOR SPORTS (Continued) **S108755373**

Eval Date:	06-22-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Luna Raisa Inspection ID:5705051
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-24-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Campanella Luke Inspection ID:4110286
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-24-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Campanella Luke Inspection ID:4110286
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-26-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Farhang Farnaz Inspection ID:6021126
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-26-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Farhang Farnaz Inspection ID:6021126
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	402522
Facility Name:	DASB Inc
Env Int Type Code:	HMBP
Program ID:	10359160
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	32.595970
Longitude:	-117.026890

Affiliation:

Affiliation Type Desc:	CUPA District

SOUTH BAY MOTOR SPORTS (Continued) **S108755373**

Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Environmental Contact
Entity Name:	Mike Proo
Entity Title:	Not reported
Affiliation Address:	1890 AUTO PARK PL
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1890 AUTOPARK PLACE
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91911
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Del Amo Motorsports of South Bay
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:	(619) 420-2300
Affiliation Type Desc:	Identification Signer
Entity Name:	Claudia Perez
Entity Title:	General Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	DASB Inc
Entity Title:	Not reported
Affiliation Address:	1890 AUTO PARK PL
Affiliation City:	CHULA VISTA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91911

SOUTH BAY MOTOR SPORTS (Continued) **S108755373**

Affiliation Phone:	(619) 420-2300
Affiliation Type Desc:	Parent Corporation
Entity Name:	D.A.S.B. Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

L64 **DASB INC DBA DEL AMO MOTORSPORTS OF SOUTH BAY** **RCRA NonGen / NLR** **1024865438**
ESE **1890 AUTO PARK PL** **CAL000434011**
1/8-1/4 **CHULA VISTA, CA 91911**
0.239 mi.
1262 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**
Actual: **149 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2018-03-05 00:00:00.0
Handler Name:	DASB INC DBA DEL AMO MOTORSPORTS OF SOUTH BAY
Handler Address:	1890 AUTO PARK PL
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAL000434011
Contact Name:	CLAUDIA PEREZ
Contact Address:	2401 PULLMAN ST
Contact City,State,Zip:	SANTA ANA, CA 92705
Contact Telephone:	714-337-1055
Contact Fax:	Not reported
Contact Email:	CPEREZ@DELAMONOTORSPORTS.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:	2401 PULLMAN ST
Mailing City,State,Zip:	SANTA ANA, CA 92705
Owner Name:	DASB INC
Owner Type:	Other
Operator Name:	CLAUDIA PEREZ
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

DASB INC DBA DEL AMO MOTORSPORTS OF SOUTH BAY (Continued) **1024865438**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:37:35.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DASB INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2930 HERMOSA AVE
Owner/Operator City,State,Zip:	HERMOSA BEACH, CA 90254
Owner/Operator Telephone:	310-880-6899
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

DASB INC DBA DEL AMO MOTORSPORTS OF SOUTH BAY (Continued) **1024865438**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CLAUDIA PEREZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2401 PULLMAN ST
Owner/Operator City,State,Zip: SANTA ANA, CA 92705
Owner/Operator Telephone: 714-337-1055
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2018-03-05 00:00:00.0
Handler Name: DASB INC DBA DEL AMO MOTORSPORTS OF SOUTH BAY
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: 441228
NAICS Description: MOTORCYCLE, ATV, AND ALL OTHER MOTOR VEHICLE DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

65 East 1/4-1/2 0.250 mi. 1322 ft.

Relative: Lower

Actual: 178 ft.

OMAR FORMER RENDERING PLANT
1886 AUTO PARK PL
CHULA VISTA, CA 91911

CA DEED **S100833528**
CA LDS **N/A**
CA BOND EXP. PLAN
CA Cortese
CA ENF
CA NPDES
CA CIWQS
CA CERS

DEED:
Name: FORMER OMAR RENDERING LANDFILL
Address: 1886 AUTO PARK PLACE
City,State,Zip: CHULA VISTA, CA 91910
Envirostor ID: L10003156547
Area: Not reported
Sub Area: Not reported
Site Type: LANDFILL

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Status: Not reported
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 12/29/1999
File Name: Geotracker Land Use/Deed Restrictions

LDS:

Name:	FORMER OMAR RENDERING LANDFILL
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91910
Global Id:	L10003156547
Latitude:	32.59704
Longitude:	-117.0246
Case Type:	Land Disposal Site
Status:	Open - Closed/with Monitoring
Status Date:	10/22/2013
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Caseworker:	LQ
Local Agency:	Not reported
RB Case Number:	2091200
LOC Case Number:	H02426-003
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply, Soil
EDR Link ID:	L10003156547
Potential Contaminants of Concern:	* Chlorinated Hydrocarbons, Dichloroethane (DCA), Dichloroethene (DCE), Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, Arsenic, Benzene, MTBE / TBA / Other Fuel Oxygenates, Naphthalene, Other Petroleum, Waste Oil / Motor / Hydraulic / Lubricating, * Acids/Corrosives
Site History:	The Omar Rendering site is situated on 40 acres enclosed by a chain-link and wood fence. The facility accepted hazardous wastes from 1959 to 1978 and utilized evaporation ponds for disposal. Prior to 1980, the contents of six former Class I waste ponds were removed and disposed at a permitted off site location. In 1981, the impacted soil from beneath the Class I waste ponds was placed in a lined and capped waste cell in the northwest corner of the site, in accordance with RWQCB Order No. 80-06 (Closure Requirements for the Omar Rendering Company Dumpsite in the Otay River Valley). Subsequently, the waste cell has been maintained and monitored per RWQCB Order No. 87-141, [Waste Discharge Requirements (WDRs) for the Omar Rendering Company Closed Class I Disposal Site including Technical Change Order No. 1 Monitoring and Reporting Program], which was replaced by RWQCB Order No. 97-Annual/Semi-Annual Report April 2010 Former Omar Rendering Site 2 40 (Waste Discharge Requirements for Closure and Post-Closure Maintenance for the Class I Waste Management Containment Cell, Omar Rendering Facility, Darling International, which includes Monitoring and Reporting Program 97-40). Program No. 97-40 requires semi-annual groundwater monitoring and periodic monitoring and maintenance of the cap and surface water control features. The waste cell has the following physical properties: h Approximate waste cell area: 5 acres. h Stratigraphy, approximate depth below grade (City of Chula Vista Engineering Department, Samual F. Savino PE, As-built grading plan, sheet 4 of 7, Sections A-A and B-B, dated 10-27-82). 0-6 ft: clean soil cover 6-9 ft: compacted clay cap 9-53 ft: compacted soil waste There is currently no documented human health exposure. 53-56 ft: compacted clay liner (base is at approx. elev. of

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

155 feet mean sea level [MSL]) h The bottom of the waste cell is greater than 25 feet above the groundwater table (the water table is encountered at an elevation of 120 to 130 feet MSL in the vicinity of the waste cell). h Clay material used for liners was analyzed and determined to have a permeability of less than 1E-06 centimeters per second (cm/sec), and compacted to 90 percent relative compaction (Geocon, Testing and Observation Services During Grading Operations, dated January 1982). h The material placed in the waste cell was primarily impacted soil excavated from beneath the former Class I ponds and rendering waste ponds (pond contents were removed off site); consequently, the material is assumed to have a low organic content, and have low potential for generating methane gas. h The waste cell contents were compacted to at least 90 percent relative compaction (Geocon, January 1982). San Diego Water Board issued cleanup and abatement Order R9-2003-0080 and addendum no. 1 to that Order for cleanup and abatement of areas of the site impacted by pollutants from the former waste disposal pits located on site. The monitoring and maintenance of the Omar Landfill are covered by WDRs Order 97-40 (and addenda thereto) and a detection monitoring program issued under authority of Water Code section 13263, and the landfill is not part of the cleanup being conducted under the CAO. On March 20, 2019, the State Water Resources Control Board issued an Order For the Determination of the Presence of Per- and Polyfluoroalkyl Substances (PFAS), Order WQ 2019-0006-DWQ, to several landfill sites throughout the State of California. Thus, PFAS sampling was conducted at the Former Omar Rendering landfill during that same year. Only one groundwater well exceeded the California Division of Drinking Water notification level for polyfluorooctane sulfonic acid (PFOS) (6.5 nanograms per liter [ng/L]) with a concentration of 18 ng/L. Considering that groundwater underneath the site location is excepted from municipal use (see footnote 11 of Table 2-5 of page 68 of Chapter 2 of the Basin Plan), human health risk of contamination throughdrinking water is not applicable. With regards to groundwater reaching the Otay River to the south and the impact on aquatic freshwater habitat, the measured PFOS concentration is also below the May 2020 aquatic habitat ecotoxicity environmental screening level for PFOS (0.075 micrograms per liter or 75 ng/L).

Click here to access the California GeoTracker records for this facility:

CA BOND EXP. PLAN:

Reponsible Party:	BACKLOG SITE CLEANUP PLANNING REPORT
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	This site is projected to be remediated by responsible parties with reimbursement to DHS for its oversight/monitoring costs. However, if the responsible parties are unable to pay for site cleanup, another source of funds will need to be established.
Site Description:	This site is situated on 40 acres and is enclosed by chain link and wood fencing. The facility accepted hazardous wastes from 1959 to 1978 and utilized evaporation ponds for disposal. These ponds were excavated upon closure and the residues were left onsite.
Hazardous Waste Desc:	Chemicals disposed of onsite include petroleum hydrocarbons, acids, caustic solutions, and heavy metals. Soil samples indicate the presence of copper, chromium, nickel, lead, 1,1-dichloroethane, cadmium, dichlorodiphenyl,

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

trichloroethane (TCA), aldrin, and polychlorinated biphenyls (PCBs).

Threat To Public Health & Env: The public may be exposed to contaminated dust and/or volatile organic compounds if soil is disturbed. Ground water contamination could occur if the pond residuals are released from the disposal cell. Chronic exposures could occur if contaminated soils are left exposed after construction. There is no documented exposure at this time.

Site Activity Status: The potential responsible party conducted a site assessment in Summer, 1988 to determine the location and concentrations of contaminants onsite and the potential to migrate off the property. DHS will evaluate the findings of the assessment to determine a priority for scheduling the site in future Bond Expenditure Plans.

CORTESE:

Name:	OMAR RENDERING LANDFILL
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91913
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
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:	CORTESE
Order No:	R9-1997-0040
Waste Discharge System No:	Not reported
Effective Date:	06/11/1997
Region 2:	9
WID Id:	9 000000215
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name:	OMAR RENDERING LANDFILL
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

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
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
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:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Active
Enforcement Id(EID):	389620
Region:	9
Order / Resolution Number:	R9-2013-0055
Enforcement Action Type:	Notice of Violation
Effective Date:	04/02/2013
Adoption/Issuance Date:	04/02/2013
Achieve Date:	Not reported
Termination Date:	11/30/2013

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV No. R9-2013-0055, Land Bank former Omar Rendering Site
Description:	For violations of Waste Discharge Requirements for Post-Closure maintenance and monitoring for Class 1 waste management unit (landfill) and CAO at former Omar Rendering facility.
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:	OMAR RENDERING LANDFILL
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
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
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

# Of Programs:	1
WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
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:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	256773
Region:	9
Order / Resolution Number:	R9-2003-0080
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/27/2003
Adoption/Issuance Date:	03/27/2003
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Order R9-2003-0080, Cleanup and Abatement Order former Omar Rendering Site
Description:	Cleanup and abatement Order for investigation and remediation of condition of pollution from past discharges of wastes at the former Omar Rendering Site. Due dates: Site Conceptual Model 5/30/03,Site Investigation Report 8/29/03, and FS 12/30/03.
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

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Name:	OMAR RENDERING LANDFILL
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
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
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
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:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	248056
Region:	9
Order / Resolution Number:	R9-2002-0170
Enforcement Action Type:	Notice of Violation
Effective Date:	06/20/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/20/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV Order R9-2002-0170, Failure to Report
Description:	Discharger failed to submit semi-annual and annual groundwater monitoring reports as required by WDR (Order 97-40) and M&RP 97-40.
Program:	LFNONOPER
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:	OMAR RENDERING LANDFILL
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	245992
Agency Name:	Land Bank
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class I - hazardous wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.59773
Place Longitude:	-117.02675
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

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

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
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000215
Reg Measure Id:	142900
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1997-0040
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:	06/24/2013
Effective Date:	06/11/1997
Expiration/Review Date:	06/11/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	4/28/2005
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	221498
Region:	9
Order / Resolution Number:	LT950605
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/05/1995
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 - 9 000000215
Description:	SITE CORRECTIVE ACTION ORDER replaced by closure

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

requirements and CAO R9-2003-080 see reg meas. 256773
Program: LFNONOPER
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

NPDES:
Name: MOSSY NISSAN SPECIAL EVENT AUCTION LOT
Address: 1886 AUTO PARK PLACE
City,State,Zip: CHULA VISTA, CA 91911
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: 9 37C367857
Regulatory Measure Type: Construction
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: 09/18/2018
Operator Name: 160 Calle Magdalena LLC
Operator Address: 1546 Auto Park Way
Operator City: Encondido
Operator State: California
Operator Zip: 92029

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 9
Regulatory Measure ID: 441247
Order Number: Not reported
Regulatory Measure Type: Construction
Place ID: Not reported
WDID: 9 37C367857
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

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

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:	09/25/2013
Processed Date:	10/01/2013
Status:	Active
Status Date:	10/01/2013
Place Size:	5.1
Place Size Unit:	Acres
Contact:	Larry Lett
Contact Title:	Not reported
Contact Phone:	760-744-3133
Contact Phone Ext:	Not reported
Contact Email:	lletts@lusardi.com
Operator Name:	160 Calle Magdalena LLC
Operator Address:	1546 Auto Park Way
Operator City:	Encondido
Operator State:	California
Operator Zip:	92029
Operator Contact:	John Epps
Operator Contact Title:	Secretary
Operator Contact Phone:	858-581-7942
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	JWE@mossy.com
Operator Type:	Private Business
Developer:	160 Calle Magdalena LLC
Developer Address:	1546 Auto Park Way
Developer City:	Encondido
Developer State:	California
Developer Zip:	92029
Developer Contact:	John Epps
Developer Contact Title:	Secretary
Constype Linear Utility Ind:	N
Emergency Phone:	760-522-7490
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Otay River
Certifier:	John Epps

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Certifier Title:	CFO
Certification Date:	25-SEP-13
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	441247
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37C367857
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/01/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	160 Calle Magdalena LLC
Discharge Address:	1546 Auto Park Way
Discharge City:	Encondido
Discharge State:	California
Discharge Zip:	92029
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

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	MOSSY NISSAN SPECIAL EVENT AUCTION LOT
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	9
Agency Number:	0
Regulatory Measure ID:	441247
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	9 37C367857
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/01/2013
Termination Date Of Regulatory Measure:	09/18/2018
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1546 Auto Park Way
Discharge Name:	160 Calle Magdalena LLC
Discharge City:	Encondido
Discharge State:	California
Discharge Zip:	92029
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	441247
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	9 37C367857
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:	09/25/2013
Processed Date:	10/01/2013
Status:	Active
Status Date:	10/01/2013
Place Size:	5.1
Place Size Unit:	Acres
Contact:	Larry Lett
Contact Title:	Not reported
Contact Phone:	760-744-3133
Contact Phone Ext:	Not reported
Contact Email:	lletts@lusardi.com
Operator Name:	160 Calle Magdalena LLC
Operator Address:	1546 Auto Park Way
Operator City:	Encondido
Operator State:	California
Operator Zip:	92029
Operator Contact:	John Epps
Operator Contact Title:	Secretary
Operator Contact Phone:	858-581-7942
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	JWE@mossy.com
Operator Type:	Private Business
Developer:	160 Calle Magdalena LLC
Developer Address:	1546 Auto Park Way
Developer City:	Encondido
Developer State:	California
Developer Zip:	92029
Developer Contact:	John Epps
Developer Contact Title:	Secretary
Constype Linear Utility Ind:	N
Emergency Phone:	760-522-7490
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Otay River
Certifier:	John Epps
Certifier Title:	CFO
Certification Date:	25-SEP-13
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	441247
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37C367857
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/01/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	160 Calle Magdalena LLC
Discharge Address:	1546 Auto Park Way
Discharge City:	Encondido
Discharge State:	California
Discharge Zip:	92029
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

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

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

Name:	OMAR FORMER RENDERING PLANT
Address:	1886 AUTO PARK PL
City,State,Zip:	CHULA VISTA, CA 91911
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:	9 37I015817
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

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	05/25/2000
Operator Name:	Otay Mesa Ventures II LLC
Operator Address:	6380 S Fiddlers Green Circle
Operator City:	Greenwood Village
Operator State:	Colorado
Operator Zip:	80111

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	218742
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I015817
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/25/2000
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Otay Mesa Ventures II LLC
Discharge Address:	6380 S Fiddlers Green Circle
Discharge City:	Greenwood Village
Discharge State:	Colorado
Discharge Zip:	80111
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

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	218742
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I015817
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:	05/25/2000
Status:	Active
Status Date:	05/25/2000
Place Size:	5
Place Size Unit:	Acres
Contact:	Mark Unruh
Contact Title:	Project Manager

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Contact Phone:	619-533-7301
Contact Phone Ext:	Not reported
Contact Email:	mark.unruh@aptim.com
Operator Name:	Otay Mesa Ventures II LLC
Operator Address:	6380 S Fiddlers Green Circle
Operator City:	Greenwood Village
Operator State:	Colorado
Operator Zip:	80111
Operator Contact:	TIMOTHY ROBERTS
Operator Contact Title:	Not reported
Operator Contact Phone:	720-554-8206
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	timothy.roberts@aptim.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Colorado
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Otay River
Certifier:	TIMOTHY ROBERTS
Certifier Title:	Project Manager
Certification Date:	10-AUG-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	MOSSY NISSAN CHULA VISTA
Address:	1886 AUTO PARK PL
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	Not reported
Regulatory Measure Type:	Construction
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:	Returned
Status Date:	06/16/2010
Operator Name:	160 Calle Magdalena LLC
Operator Address:	1546 Auto Park Wy
Operator City:	Escondido
Operator State:	California
Operator Zip:	92029

Name:	OMAR FORMER RENDERING PLANT
Address:	1886 AUTO PARK PL
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	218742
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37I015817
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/25/2000
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	6380 S Fiddlers Green Circle
Discharge Name:	Otay Mesa Ventures II LLC
Discharge City:	Greenwood Village
Discharge State:	Colorado
Discharge Zip:	80111
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:	9

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Regulatory Measure ID:	218742
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I015817
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/25/2000
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Otay Mesa Ventures II LLC
Discharge Address:	6380 S Fiddlers Green Circle
Discharge City:	Greenwood Village
Discharge State:	Colorado
Discharge Zip:	80111
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

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:	9
Regulatory Measure ID:	218742
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I015817
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:	05/25/2000
Status:	Active
Status Date:	05/25/2000
Place Size:	5
Place Size Unit:	Acres
Contact:	Mark Unruh
Contact Title:	Project Manager
Contact Phone:	619-533-7301
Contact Phone Ext:	Not reported
Contact Email:	mark.unruh@aptim.com
Operator Name:	Otay Mesa Ventures II LLC
Operator Address:	6380 S Fiddlers Green Circle
Operator City:	Greenwood Village
Operator State:	Colorado
Operator Zip:	80111
Operator Contact:	TIMOTHY ROBERTS
Operator Contact Title:	Not reported
Operator Contact Phone:	720-554-8206
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	timothy.roberts@aptim.com
Operator Type:	Private Business
Developer:	Not reported

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Colorado
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Otay River
Certifier:	TIMOTHY ROBERTS
Certifier Title:	Project Manager
Certification Date:	10-AUG-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	OMAR RENDERING LANDFILL
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91913
Agency:	Land Bank
Agency Address:	4171 Essen Lane, Baton Rouge, LA 70809
Place/Project Type:	Land fill
SIC/NAICS:	4953
Region:	SB
Program:	LFNONOPER, LNDISP, SLIC
Regulatory Measure Status:	Active
Regulatory Measure Type:	Co-Permitee
Order Number:	2019-0006-DWQ
WDID:	9 000000215
NPDES Number:	Not reported
Adoption Date:	01/01/1900
Effective Date:	03/20/2019
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	32.59773
Longitude:	-117.02675

Name:	MOSSY NISSAN SPECIAL EVENT AUCTION LOT
Address:	1886 AUTO PARK PLACE
City,State,Zip:	CHULA VISTA, CA 91911
Agency:	160 Calle Magdalena LLC
Agency Address:	1546 Auto Park Way, Encondido, CA 92029
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	9
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	9 37C367857
NPDES Number:	CAS000002
Adoption Date:	01/01/1900
Effective Date:	10/01/2013
Termination Date:	09/18/2018
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	32.59777
Longitude:	-117.02667

Name:	OMAR FORMER RENDERING PLANT
Address:	1886 AUTO PARK PL
City,State,Zip:	CHULA VISTA, CA 91911
Agency:	Otay Mesa Ventures II LLC
Agency Address:	6380 S Fiddlers Green Circle # 310, Greenwood Village, CO 80111
Place/Project Type:	Industrial - Refuse Systems
SIC/NAICS:	4953
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37I015817
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	05/25/2000
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Latitude: 32.59773
Longitude: -117.02675

CERS:
Name: OMAR FORMER RENDERING PLANT
Address: 1886 AUTO PARK PL
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 538399
CERS ID: 252758
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 538399
Site Name: Omar Former Rendering Plant
Violation Date: 07-02-2002
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: Non-submittal of Industrial Storm Water Annual Report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Enforcement Action:
Site ID: 538399
Site Name: Omar Former Rendering Plant
Site Address: 1886 AUTO PARK PL
Site City: CHULA VISTA
Site Zip: 91911
Enf Action Date: 07-02-2002
Enf Action Type: Notice of Non-Compliance for Non-Filers
Enf Action Description: Notice of Non-Compliance for Non-Filers
Enf Action Notes: Non-submittal of Industrial Storm Water Annual Report this is the old Omar Rendering site, the WDRs require continued coverage under 97-03-DWQ JRP 3/25/03
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Otay Mesa Ventures II LLC
Entity Title: Operator
Affiliation Address: 6380 S Fiddlers Green Circle# 310
Affiliation City: Greenwood Village
Affiliation State: CO
Affiliation Country: Not reported
Affiliation Zip: 80111
Affiliation Phone: Not reported

Name: FORMER OMAR RENDERING LANDFILL
Address: 1886 AUTO PARK PLACE
City,State,Zip: CHULA VISTA, CA 91910
Site ID: 209355
CERS ID: L10003156547
CERS Description: Land Disposal Site

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: SARAH A. MEARON - SAN DIEGO RWQCB (REGION 9)
Entity Title: Not reported
Affiliation Address: 2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6195213363

Name: OMAR RENDERING LANDFILL
Address: 1886 AUTO PARK
City,State,Zip: CHULA VISTA, CA 91913
Site ID: 347164
CERS ID: 245992
CERS Description: Land Disposal

Violations:
Site ID: 347164
Site Name: Omar Rendering Landfill
Violation Date: 03-12-2013
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to maintain surface water drainage facilities (BMPs) pursuant to CAO Order No. R9-2003-0080, Section E. Monitoring Reporting Program section E.1.c.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 347164
Site Name: Omar Rendering Landfill
Violation Date: 11-01-1989
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Discharger (Darling International) submitted SWAT Report for waste management unit reporting release of chlorinated volatile constituents to groundwater.
Violation Division: Water Boards
Violation Program: LFNONOPER
Violation Source: CIWQS

Site ID: 347164
Site Name: Omar Rendering Landfill
Violation Date: 03-04-2013
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to report change of ownership for Class I waste management unit (landfill) per Provision C.7 and Reporting Requirement D.3 of Order No. 97-40.
Violation Division: Water Boards
Violation Program: LFNONOPER
Violation Source: CIWQS

Site ID: 347164

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Site Name:	Omar Rendering Landfill
Violation Date:	06-17-2002
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Discharger failed to submit annual groundwater monitoring report as required by WDRs (Order 97-40) and M&RP 97-40.
Violation Division:	Water Boards
Violation Program:	LFNONOPER
Violation Source:	CIWQS
Site ID:	347164
Site Name:	Omar Rendering Landfill
Violation Date:	06-15-1989
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Past discharges of wastes created a condition of pollution and/or nuisance in ground water at the site.
Violation Division:	Water Boards
Violation Program:	LFNONOPER
Violation Source:	CIWQS
Site ID:	347164
Site Name:	Omar Rendering Landfill
Violation Date:	01-30-1992
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	FAILURE TO SUBMIT REQUIRED JANUARY-DECEMBER 1991 ANNUAL MONITORING REPORT.
Violation Division:	Water Boards
Violation Program:	LFNONOPER
Violation Source:	CIWQS
Site ID:	347164
Site Name:	Omar Rendering Landfill
Violation Date:	06-21-1996
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	FENCE IS DOWN AT ENTRANCE. RECENT DUMPING(GREENWASTE) PURGE BARRELS ON SITE FROM 95
Violation Division:	Water Boards
Violation Program:	LFNONOPER
Violation Source:	CIWQS
Site ID:	347164
Site Name:	Omar Rendering Landfill
Violation Date:	06-17-2002
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Discharger failed to submit semi-annual groundwater monitoring report as required by WDRs (Order 97-40) and M&RP 97-40.
Violation Division:	Water Boards
Violation Program:	LFNONOPER
Violation Source:	CIWQS
Site ID:	347164
Site Name:	Omar Rendering Landfill
Violation Date:	03-12-2013

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Unauthorized discharges of wastes including: a) discharges of solid wastes (mattresses, tires, rubbish) and b) discharge of three drums labeled "purge/decon water", dated January 2013 and February 2013.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	347164
Site Name:	Omar Rendering Landfill
Violation Date:	06-15-1989
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Past discharges of wastes into surface impoundments and ponds resulted in pollution of groundwater resources with metals and chlorinated VOCs.
Violation Division:	Water Boards
Violation Program:	LFNONOPER
Violation Source:	CIWQS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-03-2003
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFNONOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-1995
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFNONOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2004
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFNONOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2005
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFNONOPER

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2003
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2007
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-1999
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2013
Violations Found: Yes
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2006
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Eval Date: 05-22-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-13-2003
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-1996
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2006
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

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

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-1999
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2016
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
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: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-12-2000
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Enforcement Action:
Site ID: 347164
Site Name: Omar Rendering Landfill
Site Address: 1886 AUTO PARK
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 03-27-2003
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: LFNONOPER
Enf Action Source: CIWQS

Site ID: 347164
Site Name: Omar Rendering Landfill
Site Address: 1886 AUTO PARK
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 04-02-2013
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: LFNONOPER
Enf Action Source: CIWQS

Site ID: 347164
Site Name: Omar Rendering Landfill
Site Address: 1886 AUTO PARK
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 06-05-1995
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: LFNONOPER
Enf Action Source: CIWQS

Site ID: 347164
Site Name: Omar Rendering Landfill
Site Address: 1886 AUTO PARK
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 06-20-2002

OMAR FORMER RENDERING PLANT (Continued) **S100833528**

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:	LFNONOPER
Enf Action Source:	CIWQS

Affiliation:

Affiliation Type Desc:	Interested Party
Entity Name:	John Odermatt
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:	Regulating
Entity Name:	San Diego Regional Water Quality Control Board
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

66
South
1/4-1/2
0.252 mi.
1332 ft.

SHINOHARA FARMS
4705 OTAY VALLEY RD
CHULA VISTA, CA 91911

CA SWF/LF **S109287061**
CA LDS **N/A**
CA SAN DIEGO CO LOP

Relative:
Lower

Actual:
96 ft.

SWF/LF (SWIS):

Name:	SHINOHARA I PROPERTY BURNSITE
Address:	4705 MAIN ST.
City,State,Zip:	CHULA VISTA, CA 91910
Region:	STATE
Facility ID:	37-CR-0074
SWIS Number:	37-CR-0074
Point of Contact:	Abel Martinez-Centeno
Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	A2
EPA Federal Registry ID:	Not reported
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health

SHINOHARA FARMS (Continued) **S109287061**

Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Pre-regulation

Activity:

SWIS Number:	37-CR-0074
Site Name:	Shinohara I Property Burnsite
Activity:	Solid Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Disposal Site
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	5/30/2001
Cease Operation Type:	Estimated
Inspection Frequency:	Annual
Throughput:	Not reported
Throughput Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	Not reported
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Abel Martinez-Centeno
Site Operational Status:	Closed
Site Regulatory Status:	Pre-regulation
Site Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	A2
EPA Federal Registry ID:	Not reported
County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	4705 Main St.
City:	Chula Vista
State:	CA
ZIP Code:	91910
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health

Owner:

SWIS Number:	37-CR-0074
Owner:	Shinohara J
Owner Address:	2009 Chardonnay Terrace
Owner City:	Chula Vista

SHINOHARA FARMS (Continued) **S109287061**

Owner State:	Not reported
Owner Zip:	Not reported
Site Name:	Shinohara I Property Burnsite
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Pre-regulation
Latitude:	32.5927
Longitude:	-117.032
Is Archived:	No
Started On:	8/16/1994
Contact Name:	Jimmy Shinohara
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported

LDS:

Name:	SHINOHARA FARMS
Address:	4705 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 919116028
Global Id:	T0608195778
Latitude:	32.59420
Longitude:	-117.0428
Case Type:	Land Disposal Site
Status:	Completed - Case Closed
Status Date:	09/12/2012
Lead Agency:	SAN DIEGO COUNTY LOP
Caseworker:	VAP
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	H20138-001
File Location:	Local Agency
Potential Media Affect:	Aquifer used for drinking water supply
EDR Link ID:	T0608195778
Potential Contaminants of Concern:	Not reported
Site History:	Administratively Closed

Click here to access the California GeoTracker records for this facility:

Name:	SHINOHARA I BURN SITE
Address:	4705 OTAY VALLEY
City,State,Zip:	CHULA VISTA, CA 91911
Global Id:	L10008014644
Latitude:	32.59382
Longitude:	-117.0307
Case Type:	Land Disposal Site
Status:	Completed - Case Closed
Status Date:	01/13/2014
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Caseworker:	Not reported
Local Agency:	Not reported
RB Case Number:	9 000431N02
LOC Case Number:	Not reported
File Location:	Local Agency

SHINOHARA FARMS (Continued) **S109287061**

Potential Media Affect: Soil
EDR Link ID: L10008014644
Potential Contaminants of Concern: Other Metal
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SAN DIEGO CO LOP:
Name: SHINOHARA FARMS
Address: 4705 OTAY VALLEY RD
City,State,Zip: CHULA VISTA, CA 91911
Record ID: DEH1992-LSAM-H20138-001
Record Status: Completed
Opened Date: 10/29/1992
Parcel Number: 644-042-05-00
Case Type: Not reported
Historical Name: SHINOHARA FARM
SWRCB Global ID: T0608195778
Funding: N - Non-Billable
Lead Agency: DEH/SAM
Lead Agency Date: 10/29/1992
Census Tract: 133.13
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin Number: 910.2
Water Purveyor: CHULA VISTA
Fire Agency: CHULA VISTA
Latitude: 32.5939612
Longitude: -117.0286694
X MapCoord: 6321829.013
Y MapCoord: 1796786.417

---

67 **OMAR RENDERING CO** **CA LUST** **S111760412**
East **4826 OTAY VALLEY RD** **N/A**
1/4-1/2 **CHULA VISTA, CA 91911**
0.311 mi.
1644 ft.

Relative: **Lower**
Actual: **171 ft.**

LUST:
Name: OMAR RENDERING CO
Address: 4826 OTAY VALLEY RD
City,State,Zip: CHULA VISTA, CA 919116120
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301191
Global Id: T0607301191
Latitude: 32.5965916430716
Longitude: -117.025242996453
Status: Completed - Case Closed
Status Date: 04/15/1993
Case Worker: Not reported
RB Case Number: 9UT2426
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H02426-001
Potential Media Affect: Soil

OMAR RENDERING CO (Continued) **S111760412**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607301191
Action Type: ENFORCEMENT
Date: 03/25/1993
Action: Closure/No Further Action Letter

Global Id: T0607301191
Action Type: ENFORCEMENT
Date: 02/24/1987
Action: Notice of Responsibility

Global Id: T0607301191
Action Type: Other
Date: 02/27/1987
Action: Leak Began

Global Id: T0607301191
Action Type: Other
Date: 02/27/1987
Action: Leak Discovery

Global Id: T0607301191
Action Type: Other
Date: 02/27/1987
Action: Leak Stopped

Global Id: T0607301191
Action Type: Other
Date: 02/27/1987
Action: Leak Reported

LUST:
Global Id: T0607301191
Status: Open - Case Begin Date
Status Date: 02/24/1987

Global Id: T0607301191
Status: Completed - Case Closed
Status Date: 04/15/1993

---

68 **SHINOHARA II PROPERTY BURNSITE** **CA SWF/LF** **S105548884**
South **S OF 4700 BLK. MAIN ST.** **CA CERS** **N/A**
1/4-1/2 **CHULA VISTA, CA 91910**
0.328 mi.
1731 ft.

Relative:
Lower

Actual:
87 ft.

SWF/LF (SWIS):
Name: SHINOHARA II PROPERTY BURNSITE
Address: S OF 4700 BLK. MAIN ST.
City,State,Zip: CHULA VISTA, CA 91910
Region: STATE
Facility ID: 37-CR-0075
SWIS Number: 37-CR-0075
Point of Contact: Abel Martinez-Centeno

SHINOHARA II PROPERTY BURNSITE (Continued) **S105548884**

Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	A2
EPA Federal Registry ID:	Not reported
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Pre-regulation

Activity:

SWIS Number:	37-CR-0075
Site Name:	Shinohara II Property Burnsite
Activity:	Solid Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Disposal Site
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	Not reported
Throughput Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	0
Disposal Acreage:	0
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Abel Martinez-Centeno
Site Operational Status:	Closed
Site Regulatory Status:	Pre-regulation
Site Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	A2
EPA Federal Registry ID:	Not reported
County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	S of 4700 Blk. Main St.

SHINOHARA II PROPERTY BURNSITE (Continued) **S105548884**

City:	Chula Vista
State:	CA
ZIP Code:	91910
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health

Owner:

SWIS Number:	37-CR-0075
Owner:	Shinohara J
Owner Address:	2009 Chardonnay Terrace
Owner City:	Chula Vista
Owner State:	Not reported
Owner Zip:	Not reported
Site Name:	Shinohara II Property Burnsite
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Pre-regulation
Latitude:	32.5916
Longitude:	-117.0313
Is Archived:	No
Started On:	8/16/1994
Contact Name:	Jimmy Shinohara
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported

SWIS Number:	37-CR-0075
Owner:	City of Chula Vista
Owner Address:	Development Services 276 Fourth Avenue
Owner City:	Chula Vista
Owner State:	CA
Owner Zip:	91910
Site Name:	Shinohara II Property Burnsite
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Pre-regulation
Latitude:	32.5916
Longitude:	-117.0313
Is Archived:	No
Started On:	10/18/2017
Contact Name:	Eric Crockett
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(619) 476-5341

SAN DIEGO CO. LF:

Name:	SHINOHARA II
Address:	SOUTH OF 4700 BLK MAIN STREET
City,State,Zip:	CHULA VISTA, CA
Facility Status:	CLOSED SITES
Operational Status:	CLOSED
Region:	SAN DIEGO
SWIS Number:	37-CR-0075

SHINOHARA II PROPERTY BURNSITE (Continued) **S105548884**

Owner Name: PRIVATE
Operator: PRIVATE
Facility Type: CLOSED BURNSITES INSPECTED QUARTERLY
Facility Type2: BURNSITE
PERMTIER: PRE-88 CLOSURE
Inspection Frequency: QUARTERLY

CERS:
Name: SHINOHARA II PROPERTY BURNSITE
Address: S OF 4700 BLK. MAIN ST.
City,State,Zip: CHULA VISTA, CA
Site ID: 511820
CERS ID: 37-CR-0075
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: CITY OF CHULA VISTA
Entity Title: Not reported
Affiliation Address: Development Services276 Fourth Avenue
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91910
Affiliation Phone: 6194765341

Affiliation Type Desc: Legal Owner
Entity Name: Shinohara J
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Chula Vista
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

69 **APACHE SERV LDFL** **SEMS-ARCHIVE** **1003878449**
SSW **4551 OTAY VLY RD NR OTAY RIV** **CAD980515860**
1/4-1/2 **CHULA VISTA, CA 92011**
0.329 mi.
1737 ft.

Relative:
Lower

Actual:
87 ft.

SEMS Archive:
Site ID: 0901779
EPA ID: CAD980515860
Name: APACHE SERV LDFL
Address: 4551 OTAY VLY RD NR OTAY RIV
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 92011
Cong District: 44
FIPS Code: 06073
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09

APACHE SERV LDFL (Continued) **1003878449**

Site ID:	0901779
EPA ID:	CAD980515860
Site Name:	APACHE SERV LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901779
EPA ID:	CAD980515860
Site Name:	APACHE SERV LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1981-02-01 05:00:00
Finish Date:	1982-08-01 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901779
EPA ID:	CAD980515860
Site Name:	APACHE SERV LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1981-02-01 05:00:00
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901779
EPA ID:	CAD980515860
Site Name:	APACHE SERV LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	1981-02-01 05:00:00
Finish Date:	1982-08-01 04:00:00
Qual:	H

APACHE SERV LDFL (Continued) **1003878449**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901779
EPA ID:	CAD980515860
Site Name:	APACHE SERV LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	Not reported
Finish Date:	1982-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901779
EPA ID:	CAD980515860
Site Name:	APACHE SERV LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-12-01 05:00:00
Finish Date:	1980-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf

M70 **ARCO** **CA LUST** **S103980466**
WSW **4430 OTAY VALLEY RD** **N/A**
1/4-1/2 **CHULA VISTA, CA 91911**
0.362 mi.
1911 ft. **Site 1 of 2 in cluster M**

Relative: LUST:
Lower

Actual:
133 ft.

Name:	ARCO
Address:	4430 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607313861
Global Id:	T0607313861
Latitude:	32.5945
Longitude:	-117.0381
Status:	Completed - Case Closed
Status Date:	04/29/2008
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	H21459-001
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel

ARCO (Continued) **S103980466**

Site History: Not reported

LUST:
Global Id: T0607313861
Action Type: RESPONSE
Date: 01/09/2007
Action: Correspondence

Global Id: T0607313861
Action Type: ENFORCEMENT
Date: 04/29/2008
Action: Closure/No Further Action Letter

Global Id: T0607313861
Action Type: Other
Date: 06/25/2002
Action: Leak Began

Global Id: T0607313861
Action Type: Other
Date: 06/25/2002
Action: Leak Discovery

Global Id: T0607313861
Action Type: Other
Date: 06/25/2002
Action: Leak Stopped

Global Id: T0607313861
Action Type: Other
Date: 07/11/2002
Action: Leak Reported

Global Id: T0607313861
Action Type: ENFORCEMENT
Date: 07/23/2002
Action: Notice of Responsibility

LUST:
Global Id: T0607313861
Status: Open - Case Begin Date
Status Date: 06/25/2002

Global Id: T0607313861
Status: Completed - Case Closed
Status Date: 04/29/2008

M71
WSW
1/4-1/2
0.362 mi.
1911 ft.

ARCO
4430 OTAY VALLEY RD
CHULA VISTA, CA 91911

Site 2 of 2 in cluster M

CA SAN DIEGO CO. SAM **S106874190**
CA Cortese **N/A**
CA SAN DIEGO CO LOP
CA CERS

Relative:
Lower

Actual:
133 ft.

SAN DIEGO CO. SAM:

Name:	ARCO
Address:	4430 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Case Number:	H21459-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - State Fund**
Facility Type:	Soils Only
Facility Status:	Closed Case
Date:	4/29/2008
Date Began:	6/25/2002

CORTESE:

Name:	ARCO
Address:	4430 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607313861
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

SAN DIEGO CO LOP:

Name:	ARCO
Address:	4430 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Record ID:	DEH2002-LSAM-H21459-001
Record Status:	Completed
Opened Date:	07/11/2002
Parcel Number:	624-060-65-00
Case Type:	LOP - Local Oversight Program
Historical Name:	PACIFICA MART/ARCO
SWRCB Global ID:	T0607313861
Funding:	S - LOP State Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	07/17/2002

ARCO (Continued) **S106874190**

Census Tract:	133.08
Community:	Chula Vista
Jurisdiction:	CHULA VISTA
Watershed Basin Number:	910.2
Water Purveyor:	CHULA VISTA
Fire Agency:	CHULA VISTA
Latitude:	32.5943936
Longitude:	-117.0379886
X MapCoord:	6318959.856
Y MapCoord:	1796965.325

CERS:

Name:	ARCO
Address:	4430 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	243474
CERS ID:	T0607313861
CERS Description:	Leaking Underground Storage Tank Cleanup Site

---

N72 **PACO'S TRUCK REPAIR** **CA SAN DIEGO CO. SAM** **S103660325**
ESE **4501 OTAY VALLEY RD** **CA San Diego Co. HMMD** **N/A**
1/4-1/2 **CHULA VISTA, CA 91911**
0.381 mi.
2013 ft. **Site 1 of 2 in cluster N**

Relative:
Lower

Actual:
140 ft.

SAN DIEGO CO. SAM:

Name:	PACO'S TRUCK REPAIR
Address:	4501 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 919116002
Case Number:	H28262-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**Private - VAP**
Facility Type:	Soils Only
Facility Status:	Closed Case
Date:	5/30/1996
Date Began:	12/20/1991

Name:	PACO'S TRUCK REPAIR
Address:	4501 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 919116002
Case Number:	H28262-002
Agency:	CA Regional Water Quality Control Board
Funding:	**Non Billable**
Facility Type:	Soils Only
Facility Status:	Remedial Action (Clean-Up)
Date:	11/9/2004
Date Began:	Not reported

HMMD SAN DIEGO:

Name:	PACO'S TRUCK REPAIR
Address:	4501 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	128262
Business Type:	6HK26
EPA Id Number:	CAL000220784
APN:	624-060-66-00
Last HMMD Inspection:	05/26/2004

PACO'S TRUCK REPAIR (Continued) **S103660325**

Facility Telephone:	619-421-2938
Permit Status:	INAC
Permit Expiration:	03/31/2005
Date Last Updated:	11/02/2012
Facility Owner:	PACO CHAVEZ
Facility Mailing Address:	1719 ALAQUINAS DR
Facility Mailing City:	SAN YSIDRO
Facility Mailing State:	CA
Facility Mailing Zip:	92173-
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Violations Inactive Permits:

Permit Number:	128262
Update Date:	11/02/2012
Inspection Date:	05/26/2004
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	Inactive Permit

Permit Number:	128262
Update Date:	11/02/2012
Inspection Date:	05/26/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	Inactive Permit

Name:	NAKANO FARM
Address:	4501 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	199065
Business Type:	6HKAG
EPA Id Number:	Not reported
APN:	DEH-199065
Last HMMD Inspection:	01/11/2000
Facility Telephone:	619-421-6581
Permit Status:	INAC
Permit Expiration:	01/11/2000
Date Last Updated:	11/02/2012
Facility Owner:	MITS NAKANO
Facility Mailing Address:	1453 HILLTOP DR
Facility Mailing City:	CHULA VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	91911-5214
UST Owner:	Not reported
Handle Regulated Hazmat:	Y

PACO'S TRUCK REPAIR (Continued) **S103660325**

Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported
Name:	PACO'S TRUCK REPAIR
Address:	4501 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	128262
Business Type:	6HK26
EPA Id Number:	CAL000220784
APN:	624-060-66-00
Last HMMD Inspection:	05/26/2004
Facility Telephone:	619-421-2938
Permit Status:	INAC
Permit Expiration:	03/31/2005
Date Last Updated:	11/02/2012
Facility Owner:	PACO CHAVEZ
Facility Mailing Address:	1719 ALAQUINAS DR
Facility Mailing City:	SAN YSIDRO
Facility Mailing State:	CA
Facility Mailing Zip:	92173-
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Violations Inactive Permits:

Permit Number:	128262
Update Date:	11/02/2012
Inspection Date:	05/26/2004
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	Inactive Permit
Permit Number:	128262
Update Date:	11/02/2012
Inspection Date:	05/26/2004
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	Inactive Permit

N73 **VINCENT DAVIES PROPERTY** **SEMS-ARCHIVE** **1003877949**
ESE **4501 OTAY VALLEY ROAD** **CAD983566779**
1/4-1/2 **CHULA VISTA, CA 92011**
0.381 mi.
2013 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
140 ft.

SEMS Archive:

Site ID:	0900023
EPA ID:	CAD983566779
Name:	VINCENT DAVIES PROPERTY
Address:	4501 OTAY VALLEY ROAD
Address 2:	Not reported
City,State,Zip:	CHULA VISTA, CA 92011
Cong District:	44
FIPS Code:	06073
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0900023
EPA ID:	CAD983566779
Site Name:	VINCENT DAVIES PROPERTY
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1992-01-27 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0900023
EPA ID:	CAD983566779
Site Name:	VINCENT DAVIES PROPERTY
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1990-08-24 04:00:00
Finish Date:	1990-08-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0900023
EPA ID:	CAD983566779
Site Name:	VINCENT DAVIES PROPERTY
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1

VINCENT DAVIES PROPERTY (Continued) **1003877949**

Start Date:	Not reported
Finish Date:	1992-01-27 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

74
SSW
1/4-1/2
0.399 mi.
2109 ft.

DAVIES PROPERTY **US BROWNFIELDS** **1016356769**
NO ADDRESS **N/A**
CHULA VISTA, CA 91911

Relative:
Lower

Actual:
81 ft.

US BROWNFIELDS:

Name:	DAVIES PROPERTY
Address:	NO ADDRESS
City,State,Zip:	CHULA VISTA, CA 91911
Recipient Name:	Chula Vista Redevelopment Agency
Grant Type:	Assessment
Property Number:	624-071-01
Parcel size:	8.61
Latitude:	32.59085
Longitude:	-117.03442
HCM Label:	Interpolation-Other
Map Scale:	-
Point of Reference:	Center of a Facility or Station
Highlights:	Former Use: Agricultural Uses dairy farm 1928-1967 Open Storage 1967-2004 Vacant 2005- present
Datum:	World Geodetic System of 1984
Acres Property ID:	109352
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	4186
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96943301
Start Date:	09/01/2009
Ownership Entity:	Government
Completion Date:	10/24/2009
Current Owner:	City of Chula Vista
Did Owner Change:	-
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-

DAVIES PROPERTY (Continued) **1016356769**

IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	8.61
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-

DAVIES PROPERTY (Continued) **1016356769**

Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	Agricultural Uses dairy farm 1928-1967 Open Storage 1967-2004 Vacant 2005- present
Below Poverty Number:	406
Below Poverty Percent:	5.67
Meidan Income:	6515
Meidan Income Number:	2288
Meidan Income Percent:	31.96
Vacant Housing Number:	142
Vacant Housing Percent:	7.31
Unemployed Number:	423
Unemployed Percent:	5.91

75
ESE
1/4-1/2
0.476 mi.
2512 ft.

NAKANO FARMS
4501 OTAY VALLEY RD
CHULA VISTA, CA 91911

CA ENVIROSTOR **U001571103**
CA CPS-SLIC **N/A**
CA San Diego Co. HMMD
CA SWEEPS UST
CA HIST UST

Relative:
Lower

Actual:
144 ft.

ENVIROSTOR:

Name:	VINCENT DAVIES PROPERTY
Address:	4501 OTAY VALLEY ROAD
City,State,Zip:	CHULA VISTA, CA 92011
Facility ID:	37730292
Status:	Refer: Other Agency
Status Date:	08/21/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported

NAKANO FARMS (Continued) **U001571103**

Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 79
Senate: 40
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.59472
Longitude: -117.0227
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983566779
Alias Type: EPA Identification Number
Alias Name: 37730292
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: CalSites Validation Program confirms NFA for DTSC.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:
Name: PACO'S TRUCK REPAIR
Address: 4501 OTAY VALLEY RD
City,State,Zip: CHULA VISTA, CA 919116002
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 05/30/1996
Global Id: T0608113999
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H28262-001
Latitude: 32.594208
Longitude: -117.042898
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

NAKANO FARMS (Continued) **U001571103**

Click here to access the California GeoTracker records for this facility:

HMMD SAN DIEGO:

Name:	NAKANO FARMS
Address:	4501 OTAY VALLEY RD
City,State,Zip:	CHULA VISTA, CA 91911
Permit Number:	106804
Business Type:	6HK03
EPA Id Number:	Not reported
APN:	DEH-106804
Last HMMD Inspection:	Not reported
Facility Telephone:	619-421-6581
Permit Status:	INAC
Permit Expiration:	Not reported
Date Last Updated:	11/02/2012
Facility Owner:	NAKANO FARMS
Facility Mailing Address:	P.O. BOX P O BOX 57
Facility Mailing City:	NESTOR
Facility Mailing State:	CA
Facility Mailing Zip:	92053-
UST Owner:	NAKANO FARMS
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 106804 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	106804
Tank Type:	SINGLE WALL
Additional Id:	1
Capacity Gallons:	300
UST Contents:	LEADED
Other Content Info:	LEADED
Reg Status:	EXEMPT
Remove Close Date:	Not reported
Year Installed:	1968-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	GRAVITY
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

SWEEPS UST:

Name:	NAKANO FARMS
Address:	4501 OTAY VALLEY RD
City:	CHULA VISTA
Status:	Active
Comp Number:	6804
Number:	9
Board Of Equalization:	44-022391
Referral Date:	Not reported

NAKANO FARMS (Continued) **U001571103**

Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006804-000001
Tank Status: A
Capacity: 300
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

HIST UST:
Name: NAKANO FARMS
Address: 4501 OTAY VALLEY ROAD
City,State,Zip: CHULA VISTA, CA 92011
File Number: 0002F086
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F086.pdf
Region: STATE
Facility ID: 00000050131
Facility Type: Other
Other Type: FARM
Contact Name: Not reported
Telephone: 6194216581
Owner Name: NAKANO FARMS
Owner Address: 4501 OTAY VALLEY ROAD
Owner City,St,Zip: CHULA VISTA, CA 92011
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1968
Tank Capacity: 00000300
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: None

Click here for Geo Tracker PDF:

76
ESE
1/2-1
0.565 mi.
2982 ft.

APACHE SERVICES **CA ENVIROSTOR** **S100833516**
4551 OTAY VALLEY ROAD **CA BOND EXP. PLAN** **N/A**
CHULA VISTA, CA 92011

Relative:
Lower

Actual:
140 ft.

ENVIROSTOR:
Name: APACHE SERVICES
Address: 4551 OTAY VALLEY ROAD
City,State,Zip: CHULA VISTA, CA 92011
Facility ID: 37500032
Status: Refer: RWQCB
Status Date: 08/27/1990
Site Code: 400004
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported

APACHE SERVICES (Continued) **S100833516**

NPL:	NO
Regulatory Agencies:	RWQCB 9 - San Diego
Lead Agency:	RWQCB 9 - San Diego
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	79
Senate:	40
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	32.59416
Longitude:	-117.0213
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* Laboratory Waste Chemicals * EMPTY CONTAINERS, LESS THAN 30 GALLONS * OTHER INORGANIC SOLID WASTE
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD980515860
Alias Type:	EPA Identification Number
Alias Name:	P43063
Alias Type:	PCode
Alias Name:	400004
Alias Type:	Project Code (Site Code)
Alias Name:	37500032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	08/27/1990
Comments:	RWQCB SITE REFERRED TO SAN DIEGO RWQCB. DELISTED FROM BEP BACKLOG. SITE SCREENING DONE PENDING: RWQCB LEAD.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	02/19/1987
Comments:	PRELIM ASSESS DONE STUDY DONE FOR RWQCB STATES THERE IS LOW PROBABILITY TOXINS WILL BE RELEASED. RWQCB IS LEAD AGENCY AND IS IMPLIMENTING PLAN INSURING NO TOXINS WILL BE RELEASED

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	01/13/1983
Comments:	FACILITY IDENTIFIED VIA ROUTINE SURVEILLANCE

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported

APACHE SERVICES (Continued) **S100833516**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CA BOND EXP. PLAN:
Reponsible Party: BACKLOG SITE CLEANUP PLANNING REPORT
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: This site is projected to be remediated by the responsible parties will reimbursement to DHS for its oversight activities. If the RPs are unable to fund site cleanup, another source of funds will need to be identified.
Site Description: The site was formerly a junkyard. Many of the wastes onsite are thought to be associated with nearby naval facilities.
Hazardous Waste Desc: Soil contamination includes low levels of copper, zinc, cadmium and lead. Hazardous wastes previously stored and spilled include petroleum distillates, solvents, electrical insulating oils, trichloroethane (TCA), chloroform, and perchloroethylene (PCE). The site is located on fill material.
Threat To Public Health & Env: There is some potential threat to the Otay River. Farmland is adjacent to the site. PCE and TCA were found in standing surface water and ground water. Ground water is within 12 feet of the surface. The site has been partially abated through removal of the most highly contaminated soil. This site will be further evaluated in the future to determine if additional cleanup action is necessary.
Site Activity Status: In February, 1981, a cleanup and abatement order was issued by the RWQCB, San Diego Region. DHS was working in coordination with the U.S. Navy, a potentially responsible party, when the salvage yard was destroyed by fire in August, 1985. Some subsequent surface removal occurred. There has been inadequate chatacterization to determine the current levels of contamination. Additional site characterization is necessary to confirm the adequacy of cleanup. The responsible parties are continuing remediation work under the oversight of the San Diego RWQCB.

O77 **OTAY SANITARY LANDFILL** **CA ENVIROSTOR** **S101481986**
ENE **OTAY VALLEY ROAD** **N/A**
1/2-1 **CHULA VISTA, CA 92011**
0.903 mi.
4770 ft. **Site 1 of 4 in cluster O**

Relative: Higher
Actual: 349 ft.

ENVIROSTOR:
Name: OTAY SANITARY LANDFILL
Address: OTAY VALLEY ROAD
City,State,Zip: CHULA VISTA, CA 92011
Facility ID: 37490031
Status: Refer: RWQCB
Status Date: 04/25/1995
Site Code: 400112
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: Not reported
Senate: Not reported
Special Program: Not reported

OTAY SANITARY LANDFILL (Continued) **S101481986**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: P43072
Alias Type: PCode
Alias Name: 400112
Alias Type: Project Code (Site Code)
Alias Name: 37490031
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/04/2014
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

O78 **OTAY ANNEX SANITARY LANDFILL** **CA ENVIROSTOR** **S109287760**
ENE **1700 MAXWELL ROAD** **CA SWF/LF** **N/A**
1/2-1 **CHULA VISTA, CA 91913** **CA LDS**
0.907 mi. **CA ENF**
4789 ft. **Site 2 of 4 in cluster O** **CA Financial Assurance**
CA NPDES
Relative: Higher **CA CIWQS**
CA CERS
Actual: 349 ft.

ENVIROSTOR:
Name: APPROPRIATE TECHNOLOGIES II INC
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 919116156
Facility ID: 80001820
Status: No Further Action
Status Date: 11/30/2018
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Supervisor: * Unknown
Division Branch: Cleanup Cypress
Assembly: 79
Senate: 40
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.60064
Longitude: -117.0152
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT080010101
Alias Type: EPA Identification Number
Alias Name: 110000832243
Alias Type: EPA (FRS #)
Alias Name: 37730291
Alias Type: Envirostor ID Number
Alias Name: 80001820
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 05/27/1989
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: Interim Measures Questionnaire
Completed Date: 09/28/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/29/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 06/29/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 12/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 08/12/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 11/01/1987
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RFI Workplan
Completed Date: 06/14/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/15/1989
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Completed Document Type: RFI Report
Completed Date: 02/22/1995
Comments: The RFI report indicated there is no further investigation is necessary for Washout Pit and Unlined Effluent Pippes. However, this facility was constructed on a closed class I lsndfill which SD WB is the lead for this landfill.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: APPROPRIATE TECHNOLOGIES II
Address: 1700 MAXWELL RD.
City,State,Zip: CHULA VISTA, CA 92011
Facility ID: 37730291
Status: Refer: RCRA
Status Date: 05/01/1995
Site Code: 400205
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 79
Senate: 40
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.60513
Longitude: -117.0049
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * UNSPECIFIED AQUEOUS SOLUTION
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BKK CORP
Alias Type: Alternate Name
Alias Name: CAT080010101
Alias Type: EPA Identification Number
Alias Name: 110000832243
Alias Type: EPA (FRS #)
Alias Name: 400205
Alias Type: Project Code (Site Code)
Alias Name: 37730291
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/01/1995
Comments: Database Validation Program determines NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/12/1984
Comments: PERMIT(OTHER) PERMIT: HAZ WASTE FAC PERMIT # CAT- 080010101 WASTE: ACCEPTS HAZ/NON-HAZ LIQ SLUDGE & SLURRY WASTES IN BULK, HAZ LIQ/SOLID WST IN DRUMS OR OTHER APPROVED CONTAINERS UNACCEPTABLE WASTES-PCB'S,EXPLOSIVE, & RADIOACTIVE MATLS. BKK/AP-TECII OPER PLAN - 1)SOURCE ACT: LAND USE: SITE SURROUNDED BY OTAY LDFL. HAZ WASTE TREATMT,STORAGE,TRANSFER FAC ZONED FOR OPEN SPACE & PARK DEVELOPMENT NO DISP ONSITE. ALL STORAGE TEMPORARY. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWF/LF (SWIS):
Name: OTAY CDI MVPF
Address: 1700 MAXWELL ROAD
City,State,Zip: CHULA VISTA, CA 91911
Region: STATE
Facility ID: 37-AA-0973
SWIS Number: 37-AA-0973
Point of Contact: Cody Oquendo
Is Archived: No
Is Closed Illegal Abandoned: No
Is Site Inert Debris Engineered Fill: No
Is Financial Assurances Responsible: No
Absorbed On: Not reported
Operational Status: Active
Absorbed By: Not reported
Closed Illegal Abandoned Category: Not reported
EPA Federal Registry ID: Not reported
ARB District: San Diego
SWRCB Region: San Diego
Local Government: Chula Vista
Reporting Agency Legal Name: County of San Diego
Reporting Agency Department: Department of Environmental Health
Enforcing Agency Legal Name: County of San Diego
Enforcing Agency Department: Department of Environmental Health
Regulation Status: Permitted

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Activity:

SWIS Number:	37-AA-0973
Site Name:	Otay CDI MVPF
Activity:	Medium Volume CDI Debris Processing Facility
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Monthly
Throughput:	174
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	54288
Capacity Units:	Tons per year
Total Acreage:	5.5
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Cody Oquendo
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:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	1700 Maxwell Road
City:	Chula Vista
State:	CA
ZIP Code:	91911
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	37-AA-0973
Site Name:	Otay CDI MVPF
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	32.60135
Longitude:	-117.0128

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Is Archived:	No
Operator:	Otay Landfill Inc.
Started On:	6/22/2009
Contact Name:	Neil Mohr
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(619) 449-4053
Street Address:	8514 Mast Blvd.
Operator City:	Santee
Operator State:	CA
Operator Zip:	92071

Owner:

SWIS Number:	37-AA-0973
Owner:	Otay Landfill Inc.
Owner Address:	8514 Mast Blvd.
Owner City:	Santee
Owner State:	CA
Owner Zip:	92071
Site Name:	Otay CDI MVPF
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	32.60135
Longitude:	-117.0128
Is Archived:	No
Started On:	6/22/2009
Contact Name:	Neil Mohr
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(619) 449-4053

Waste:

SWIS Number:	37-AA-0973
Site Name:	Otay CDI MVPF
Activity:	Medium Volume CDI Debris Processing Facility
Waste Type:	Asphalt Shingles
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0973
Site Name:	Otay CDI MVPF
Activity:	Medium Volume CDI Debris Processing Facility
Waste Type:	Construction/demolition
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0973
Site Name:	Otay CDI MVPF
Activity:	Medium Volume CDI Debris Processing Facility
Waste Type:	Inert
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0973
Site Name:	Otay CDI MVPF
Activity:	Medium Volume CDI Debris Processing Facility
Waste Type:	Wood waste
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

Name:	OTAY LANDFILL RESEARCH COMPOSTING OP.
Address:	1700 MAXWELL RD.
City,State,Zip:	CHULA VISTA, CA 91911
Region:	STATE
Facility ID:	37-AA-0984
SWIS Number:	37-AA-0984
Point of Contact:	Cody Oquendo
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Notification

Activity:

SWIS Number:	37-AA-0984
Site Name:	Otay Landfill Research Composting Op.
Activity:	Research Composting Operation
Activity Is Archived:	No
Category:	Composting
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	75
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	24000
Capacity Units:	Tons per year
Total Acreage:	4
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Cody Oquendo
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	1700 Maxwell Rd.
City:	Chula Vista
State:	CA
ZIP Code:	91911
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	37-AA-0984
Site Name:	Otay Landfill Research Composting Op.

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	32.60436
Longitude:	-117.00536
Is Archived:	No
Operator:	Otay Landfill, Inc.
Started On:	8/8/2012
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	neil.mohr@awin.com
Contact Phone:	(619) 421-3773
Street Address:	Neil Mohr 1700 Maxwell Rd.
Operator City:	Chula Vista
Operator State:	CA
Operator Zip:	91912

Owner:

SWIS Number:	37-AA-0984
Owner:	Otay Landfill, Inc.
Owner Address:	Neil Mohr 1700 Maxwell Rd.
Owner City:	Chula Vista
Owner State:	CA
Owner Zip:	91912
Site Name:	Otay Landfill Research Composting Op.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	32.60436
Longitude:	-117.00536
Is Archived:	No
Started On:	8/8/2012
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	neil.mohr@awin.com
Contact Phone:	(619) 421-3773

Waste:

SWIS Number:	37-AA-0984
Site Name:	Otay Landfill Research Composting Op.
Activity:	Research Composting Operation
Waste Type:	Food Wastes
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Composting
Activity Classification:	Solid Waste Operation

Name:	OTAY LANDFILL
Address:	1700 MAXWELL RD

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

City,State,Zip:	CHULA VISTA, CA 91911
Region:	STATE
Facility ID:	37-AA-0010
SWIS Number:	37-AA-0010
Point of Contact:	Cody Oquendo
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:	1.1000083224e+11
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Permitted

Activity:

SWIS Number:	37-AA-0010
Site Name:	Otay 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:	2/28/2030
Cease Operation Type:	Estimated
Inspection Frequency:	Monthly
Throughput:	6700
Throughput Units:	Tons per day
Remaining Capacity:	21194008
Remaining Capacity Date:	5/31/2016
Capacity:	61154000
Capacity Units:	Cubic Yards
Total Acreage:	409
Disposal Acreage:	230
Permitted Elevation:	662
Permitted Elevation Type:	MSL
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Cody Oquendo
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:	1.1000083224e+11

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	1700 Maxwell Rd
City:	Chula Vista
State:	CA
ZIP Code:	91911
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Chipping and Grinding Facility/Operation
Activity Is Archived:	No
Category:	Composting
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	Not reported
Throughput Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	Not reported
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Cody Oquendo
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:	1.1000083224e+11
County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	1700 Maxwell Rd
City:	Chula Vista
State:	CA
ZIP Code:	91911
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Enforcing Agency Legal Name: County of San Diego
Enforcing Agency Department: Department of Environmental Health

Operator:
SWIS Number: 37-AA-0010
Site Name: Otay Landfill
Site Operational Status: Active
Site Type: Both Disposal and Non-Disposal
Site Regulatory Status: Permitted
Latitude: 32.60333
Longitude: -117.005
Is Archived: No
Operator: Otay Landfill Inc.
Started On: 6/22/2009
Contact Name: Neil Mohr
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (619) 449-4053
Street Address: 8514 Mast Blvd.
Operator City: Santee
Operator State: CA
Operator Zip: 92071

Owner:
SWIS Number: 37-AA-0010
Owner: Republic Services
Owner Address: 18500 N. Allied Way
Owner City: Phoenix
Owner State: AZ
Owner Zip: 82054
Site Name: Otay Landfill
Site Operational Status: Active
Site Type: Both Disposal and Non-Disposal
Site Regulatory Status: Permitted
Latitude: 32.60333
Longitude: -117.005
Is Archived: No
Started On: 5/22/2009
Contact Name: Not reported
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (954) 769-2400

Waste:
SWIS Number: 37-AA-0010
Site Name: Otay Landfill
Activity: Chipping and Grinding Facility/Operation
Waste Type: Green Materials
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Both Disposal and Non-Disposal
Point of Contact: Cody Oquendo
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Activity Category:	Composting
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Agricultural
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Ash
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Construction/demolition
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Contaminated soil
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Dead Animals
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Green Materials
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Industrial
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility
SWIS Number:	37-AA-0010
Site Name:	Otay Landfill
Activity:	Solid Waste Landfill
Waste Type:	Inert
Site Is Archived:	No
Site Operational Status:	Active

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Site Regulatory Status: Permitted
Site Type: Both Disposal and Non-Disposal
Point of Contact: Cody Oquendo
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

SWIS Number: 37-AA-0010
Site Name: Otay Landfill
Activity: Solid Waste Landfill
Waste Type: Mixed municipal
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Both Disposal and Non-Disposal
Point of Contact: Cody Oquendo
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

SWIS Number: 37-AA-0010
Site Name: Otay Landfill
Activity: Solid Waste Landfill
Waste Type: Other designated
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Both Disposal and Non-Disposal
Point of Contact: Cody Oquendo
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

SWIS Number: 37-AA-0010
Site Name: Otay Landfill
Activity: Solid Waste Landfill
Waste Type: Sludge (BioSolids)
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Both Disposal and Non-Disposal
Point of Contact: Cody Oquendo
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

SWIS Number: 37-AA-0010
Site Name: Otay Landfill
Activity: Solid Waste Landfill

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Waste Type:	Tires
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Both Disposal and Non-Disposal
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility

Name:	PLANTS CHOICE COMP MATERIAL HANDLING OP.
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91911
Region:	STATE
Facility ID:	37-AA-0975
SWIS Number:	37-AA-0975
Point of Contact:	Cody Oquendo
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Notification

Activity:

SWIS Number:	37-AA-0975
Site Name:	Plants Choice Comp Material Handling Op.
Activity:	Green Material Composting Operation
Activity Is Archived:	No
Category:	Composting
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	200
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	40000
Capacity Units:	Tons per year
Total Acreage:	4
Disposal Acreage:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Cody Oquendo
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	1700 Maxwell Road
City:	Chula Vista
State:	CA
ZIP Code:	91911
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	37-AA-0975
Site Name:	Plants Choice Comp Material Handling Op.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	32.60333
Longitude:	-117.005
Is Archived:	No
Operator:	Plants Choice, Inc.
Started On:	4/7/2010
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	obh001@gmail.com
Contact Phone:	(619) 585-9909
Street Address:	Beng Hoe Ooi PO Box 436050
Operator City:	San Ysidro
Operator State:	CA
Operator Zip:	92154

Owner:

SWIS Number:	37-AA-0975
Owner:	Otay Landfill Inc.
Owner Address:	8514 Mast Blvd.
Owner City:	Santee
Owner State:	CA
Owner Zip:	92071
Site Name:	Plants Choice Comp Material Handling Op.

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	32.60333
Longitude:	-117.005
Is Archived:	No
Started On:	6/22/2009
Contact Name:	Neil Mohr
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(619) 449-4053

Waste:

SWIS Number:	37-AA-0975
Site Name:	Plants Choice Comp Material Handling Op.
Activity:	Green Material Composting Operation
Waste Type:	Green Materials
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Composting
Activity Classification:	Solid Waste Operation

SWIS Number:	37-AA-0975
Site Name:	Plants Choice Comp Material Handling Op.
Activity:	Green Material Composting Operation
Waste Type:	Wood waste
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Composting
Activity Classification:	Solid Waste Operation

SAN DIEGO CO. LF:

Name:	OTAY LANDFILL RESEARCH COMPOSTING OPERATION
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA
Facility Status:	ACTIVE SITES
Operational Status:	ACTIVE
Region:	SAN DIEGO
SWIS Number:	37-AA-0984
Owner Name:	OTAY LANDFILL, INC.
Operator:	OTAY LANDFILL INC.
Facility Type:	ORGANIC MATERIALS HANDLING FACILITIES
Facility Type2:	RESEARCH COMPOSTING OPERATION

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

PERMTIER: EA NOTIFICATION
Inspection Frequency: QUARTERLY

LOS ANGELES CO. LF:

Name:	OTAY LANDFILL
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 91911
Site ID:	2718
Alt. Site Name:	N/A
Alt. Address:	N/A
Site Contact:	Not reported
Site Contact Phone:	(619) 421-5192
Site Email:	Not reported
Site Website:	http://www.sandiego.gov/environmental-services/recycling/locations/otaylandfill.
Site Type:	Out-of-County Facility
Site SWIS Number:	37-AA-0010
Beginning Operation Date:	N/A
Ending Operation Date:	N/A
Local Enforcement Agency:	County of San Diego Department of Environmental
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	346
Present Use:	Solid Waste Landfill
Remaining Capacity(Million):	24,514,904
Status:	Active
Waste Accepted:	Construction & Demolition;Green Materials;Household Trash;Metals;Tires;
Hours of Operation:	Monday - Friday 7am-4pm; Saturday 7am-3pm
Disposal Area (Acre):	230

Detail As Of 01/2014:

Operator Name:	Unknown
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
District:	Not reported
Site Mailing Address:	N/A

LDS:

Name:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91910
Global Id:	L10009614226
Latitude:	32.60493
Longitude:	-117.0048
Case Type:	Land Disposal Site
Status:	Open - Operating
Status Date:	07/20/2010
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Caseworker:	ALG

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Local Agency:	Not reported
RB Case Number:	9 000000214
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Not reported
EDR Link ID:	L10009614226
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE), Nitrate, Other inorganic / salt, Lead, MTBE / TBA / Other Fuel Oxygenates, Other Petroleum, Total Petroleum Hydrocarbons (TPH)
Site History:	Active Class III Landfill covered by waste discharge requrements issued by the San Diego Water Board as Order 90-009 (individual WDRs) and Order 93-86 (General WDRS). Both sets of WDRs are available from the San Diego Water Board web page and in the Geotracker database (see "Site Documents" tab).

Click here to access the California GeoTracker records for this facility:

Name:	OTAY LANDFILL COMPOSTING FACILITY
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91911
Global Id:	T10000013950
Latitude:	32.60064
Longitude:	-117.0152
Case Type:	Land Disposal Site
Status:	Open - Operating
Status Date:	01/23/2020
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Caseworker:	ALG
Local Agency:	Not reported
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Not reported
EDR Link ID:	T10000013950
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
SIC Code 1:	4953

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	246812
Region:	9
Order / Resolution Number:	R9-2002-330
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	10/11/2002

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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 - 9 000000214
Description:	CAO R9-2002-330 was issued pursuant to Governor's Executive Order D-62-02 to implement a moratorium on the disposal of decommissioned waste (low-level radioactive wastes) at Class III and unclassified WMUs located in the San Diego Region.
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:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	242139
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	05/10/2002
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 - 9 000000214
Description:	REQUEST FOR ANALYTICAL RESULTS FOR RADIOACTIVE WASTE CONSTITUENTS IN LEACHATE AND/OR GROUNDWATER. PER REQUEST OF EXEC DIRECTOR SWRCB ON 4/25/02.
Program:	LFOPER
Latest Milestone Completion Date:	1/31/2003
# 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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Name:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	238569
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	07/02/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	10/18/2001
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214
Description:	WC 13267 letter requesting amended ROWD (update to JTD) concerning management of radioactive wastes and revised monitoring program for surface water and groundwater to include radioactive waste constituents.
Program:	LFOPER
Latest Milestone Completion Date:	10/18/2001
# 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:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	238501
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	10/02/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/02/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Description:	NOV for failure to submit information under WC13267. Requested info included plans for management of existing low level radioactive wastes and monitoring & reporting plan including surface and ground water discharges of radioactive waste constituents.
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:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	236596
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	07/02/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	10/18/2001
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214
Description:	WC 13267 letter requesting amended ROWD (update to JTD) concerning management of radioactive wastes and revised monitoring program for surface water and groundwater to include radioactive waste constituents.
Program:	LFOPER
Latest Milestone Completion Date:	10/18/2001
# 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:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Solid wastes, NEC
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	9 000000214
Reg Measure Id:	213828
Reg Measure Type:	Enrollee
Region:	9
Order #:	R9-1993-086
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:	06/24/2013
Effective Date:	02/26/1979
Expiration/Review Date:	06/15/2010
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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Status Enrollee:	Y
Individual/General:	I
Fee Code:	17 - Sibling site
Direction/Voice:	Passive
Enforcement Id(EID):	235172
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	11/14/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	12/28/2000
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000214
Description:	Letter requesting information to assess the threat to water quality from low level radioactive wastes discovered at the Otay Annex (Class III) Landfill. County of San Diego LEA and State DHS are also evaluating the potential human health effects.
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:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
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:	9 000000214
Reg Measure Id:	131120
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1990-0009
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:	12/11/2014
Effective Date:	10/15/1997
Expiration/Review Date:	06/30/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	11/3/2003
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):	406715
Region:	9
Order / Resolution Number:	R9-2016-0067
Enforcement Action Type:	13267 Letter
Effective Date:	07/11/2016
Adoption/Issuance Date:	07/11/2016
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	13267 Letter R9-2016-0067 for Republic Services (former Allied Waste), Inc
Description:	Investigative Order and NOV requesting information about excess leachate production (approx. 900,000 gal/month) and slope stability evaluation for SE corner of landfill where

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

	leachate ponding seems to be occurring.
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:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149
Place Longitude:	-117.01644
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
Threat To Water Quality:	1
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:	9 000000214
Reg Measure Id:	131120
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1990-0009
Npdes# CA#:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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:	12/11/2014
Effective Date:	10/15/1997
Expiration/Review Date:	06/30/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	11/3/2003
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):	404725
Region:	9
Order / Resolution Number:	R9-2016-0067
Enforcement Action Type:	Notice of Violation
Effective Date:	07/11/2016
Adoption/Issuance Date:	07/11/2016
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV R9-2016-0067 for Republic Services (former Allied Waste), Inc
Description:	Not reported
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:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Region:	9
Facility Id:	246288
Agency Name:	Republic Services (former Allied Waste), Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	32.60149

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Place Longitude:	-117.01644
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
Threat To Water Quality:	1
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:	9 000000214
Reg Measure Id:	131120
Reg Measure Type:	WDR
Region:	9
Order #:	R9-1990-0009
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:	12/11/2014
Effective Date:	10/15/1997
Expiration/Review Date:	06/30/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	11/3/2003
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):	399098
Region:	9
Order / Resolution Number:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/10/2014
Adoption/Issuance Date:	12/10/2014
Achieve Date:	Not reported
Termination Date:	12/10/2014
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 12/10/2014 for Republic Services (former Allied Waste), Inc
Description:	Not reported
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:	OTAY LANDFILL
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 91911
Region:	2
SWIS_NO:	37-AA-0010
Closure Approved:	Yes
Closure Inf Coverage Date:	06/01/2017
Closure Plan Coverage:	12544066
Closure Plan Date:	06/01/2016
PostClose Approved:	Yes
PostClose Adequacy Date:	06/01/2016
PostClose Inf Coverage:	17794713
PostClose Inf Coverage Date:	06/01/2017
CorActCoverage:	446503
CorActApproved:	Yes
CorAct Mec Adequacy Date:	Not reported
CorAct Inf Coverage:	430383
CorActPlanCoverage:	424860
CorAct Plan Date:	12/31/2016
Lia Coverage:	10000000
Lia Approved:	Yes
Review:	06/09/2017
Closure Mechanism A:	SURETY BOND
Closure Mechanism B:	Not reported
Closure Coverage:	12707139
Closure Adequacy:	Not reported
Closure Inflation Estimate:	12707139
Post Closure Mechanism A:	SURETY BOND
Post Closure Established A:	01/19/2004
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	17794713
Post Closure Adequacy:	Not reported
Corrective Action Extablished A:	01/19/2004
Corrective Actiont Coverage:	446503
Corrective Action Approved:	Yes

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Corrective Action Inflation Estimate:	430383
Corrective Action Inflationdate:	06/01/2017
Corrective Action Plan Estimate:	424860
Liability Mechanism A:	INSURANCE
Liability Established A:	01/01/2004
Liability Mechanism B:	Not reported
CostAnniversary:	11/26/2008
ClosureEstablishedA:	01/19/2004
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	SURETY BOND
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActiontDisbursement:	0
LiabilityEstablishedB:	Not reported
LiabilityAdequacy:	Not reported
Responsible Party:	American Home Assurance Company
Provider:	Allied Waste Industries, Inc.
Contact:	Not reported

NPDES:

Name:	OTAY LANDFILL INC
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 91911
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:	9 37I013509
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/10/1997
Operator Name:	Otay Landfill Inc
Operator Address:	8514 Mast Blvd
Operator City:	Santee
Operator State:	California
Operator Zip:	92071

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Region:	9
Regulatory Measure ID:	218578
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I013509
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:	11/10/1997
Status:	Active
Status Date:	11/10/1997
Place Size:	516
Place Size Unit:	Acres
Contact:	Antonia Gunner
Contact Title:	Environmental Specialist
Contact Phone:	619-499-9579
Contact Phone Ext:	Not reported
Contact Email:	agunner@republicservices.com
Operator Name:	Otay Landfill Inc
Operator Address:	8514 Mast Blvd
Operator City:	Santee
Operator State:	California
Operator Zip:	92071
Operator Contact:	Antonia Gunner
Operator Contact Title:	Environmental Specialist
Operator Contact Phone:	619-499-9579
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	agunner@republicservices.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	619-449-9579
Emergency Phone Ext:	14
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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:	Otay Valley River To Pacific
Certifier:	Neil Mohr
Certifier Title:	General Manager
Certification Date:	04-MAY-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	218578
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I013509
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/10/1997
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Otay Landfill Inc
Discharge Address:	8514 Mast Blvd
Discharge City:	Santee
Discharge State:	California
Discharge Zip:	92071
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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	OTAY LANDFILL INC
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 91911
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	218578
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37I013509
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/10/1997
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	8514 Mast Blvd
Discharge Name:	Otay Landfill Inc
Discharge City:	Santee
Discharge State:	California

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Discharge Zip:	92071
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	218578
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I013509
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:	11/10/1997
Status:	Active
Status Date:	11/10/1997
Place Size:	516
Place Size Unit:	Acres
Contact:	Antonia Gunner
Contact Title:	Environmental Specialist
Contact Phone:	619-499-9579
Contact Phone Ext:	Not reported
Contact Email:	agunner@republicservices.com
Operator Name:	Otay Landfill Inc
Operator Address:	8514 Mast Blvd
Operator City:	Santee
Operator State:	California
Operator Zip:	92071
Operator Contact:	Antonia Gunner
Operator Contact Title:	Environmental Specialist
Operator Contact Phone:	619-499-9579
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	agunner@republicservices.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	619-449-9579
Emergency Phone Ext:	14
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Otay Valley River To Pacific
Certifier:	Neil Mohr
Certifier Title:	General Manager
Certification Date:	04-MAY-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	218578
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I013509
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/10/1997
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Otay Landfill Inc
Discharge Address:	8514 Mast Blvd
Discharge City:	Santee
Discharge State:	California
Discharge Zip:	92071
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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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

CIWQS:

Name:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91913
Agency:	Republic Services (former Allied Waste), Inc
Agency Address:	8514 Mast Boulevard, Santee, CA 92071
Place/Project Type:	Land fill
SIC/NAICS:	4953
Region:	SB

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Program:	LFOPER, LNDISP, SLIC
Regulatory Measure Status:	Active
Regulatory Measure Type:	Co-Permitee
Order Number:	2019-0006-DWQ
WDID:	9 000000214
NPDES Number:	Not reported
Adoption Date:	01/01/1900
Effective Date:	03/20/2019
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	5
Latitude:	32.60149
Longitude:	-117.01644

CERS:

Name:	OTAY ANNEX SANITARY LANDFILL
Address:	1700 MAXWELL
City,State,Zip:	CHULA VISTA, CA 91913
Site ID:	347177
CERS ID:	246288
CERS Description:	Land Disposal

Violations:

Site ID:	347177
Site Name:	Otay Annex Sanitary Landfill
Violation Date:	02-04-2016
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Section B. 6 of Order 90-009. Prevent washout and erosion of waste materials. Erosion observed on the south side slopes.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS

Site ID:	347177
Site Name:	Otay Annex Sanitary Landfill
Violation Date:	05-05-1995
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	1994 annual report did not contain a graphical summary of ground water data
Violation Division:	Water Boards
Violation Program:	RCRA
Violation Source:	CIWQS

Site ID:	347177
Site Name:	Otay Annex Sanitary Landfill
Violation Date:	05-18-1993
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	FAILURE TO SUBMIT REQUIRED JANUARY-MARCH 1993 QUARTERLY MONITORING REPORT.

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 11-13-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Groundwater monitoring was observed uncapped with no lock present during compliace inspection on November 13, 2014.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 12-30-1993
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Release of volatile constituents from the landfill to groundwater.
Violation Division: Water Boards
Violation Program: RCRA
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 07-10-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Otay Landfill accepted waste neoprene rubber powder, which was determined to be a California hazardous waste based on DTSC sampling of the material. This is in violation of Prohibition A.3 of Order No. 90-009 which prohibits the acceptance of hazardous waste. Approximately 31 shipments of this material was disposed at Otay Landfill based on non-h
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 03-02-1993
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT REQUIRED JANUARY-DECEMBER 1992 ANNUAL MONITORING REPORT.
Violation Division: Water Boards
Violation Program: RCRA
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 02-01-2002
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Violation of Annual Leachate Monitoring requirements for WDRs under

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Order 93-86. Report does not contain analytical results for the required suite of constituents from Appendix II or 40 CFR, Part 258.
Violation Division: Water Boards
Violation Program: RCRA
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 03-02-1993
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT REQUIRED OCTOBER-DECEMBER 1992 QUARTERLY MONITORING REPORT.
Violation Division: Water Boards
Violation Program: RCRA
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 02-12-2019
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Discharge of discolored runoff from composting operations was ponded outside of detention basin. Green waste for erosion control was contaminated with trash, making it inappropriate for use on outer slope.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 02-04-2016
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Section B. 15 of Order 90-009. Erosion control BMPs are to be implemented at the start of the rainy season annually.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 10-03-2001
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to provide waste management plan and monitoring plan for low-level radioactive waste constituents pursuant to WC13267 letter issued in July 2001.
Violation Division: Water Boards
Violation Program: RCRA
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 01-30-1992
Citation: California Water Code

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT REQUIRED JANUARY-DECEMBER 1991 ANNUAL MONITORING REPORT.
Violation Division: Water Boards
Violation Program: RCRA
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 02-12-2019
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to adequately maintain the site. Appropriate BMPs for the control of erosion, storm water runoff and run-on were not observed during the inspection. Evidence and actual ponding was observed in multiple locations. Portions of the site doesn’’’t support proper drainage.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Violation Date: 02-04-2016
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Section C.5 of Order 90-009. Properly operate and maintain all facilities and systems of treatment and control.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-1995
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: 01-22-1993
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: 01-26-2000
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2016
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: 02-08-2017
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 Evaluation Inspection
Eval Date: 02-09-2005
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: 02-12-2019
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: 02-27-2003
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: 03-05-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-08-2007
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:	03-11-1999
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:	03-12-2013
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2014
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 Evaluation Inspection
Eval Date:	05-22-2002
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:	06-11-2001
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:	Compliance Evaluation Inspection
Eval Date:	06-15-2010
Violations Found:	No

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

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: 06-20-2007
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: 06-21-1996
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: 06-24-1992
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: 07-14-1995
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: 07-16-2001
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: Compliance Evaluation Inspection
Eval Date: 09-09-1999
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-12-2000
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: 09-18-1995
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: 10-01-2002
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: 10-11-1994
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: 10-15-1992
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: 10-16-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-12-2002
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: 11-13-2014
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 Evaluation Inspection
Eval Date: 11-15-2017
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 Evaluation Inspection
Eval Date: 12-04-1992
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: 12-11-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Enforcement Action:
Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 05-10-2002
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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 07-02-2001
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: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 07-11-2016
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: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 07-11-2016
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: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 10-02-2001
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

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

Site ID: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 10-11-2002
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: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 11-14-2000
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: 347177
Site Name: Otay Annex Sanitary Landfill
Site Address: 1700 MAXWELL
Site City: CHULA VISTA
Site Zip: 91913
Enf Action Date: 12-10-2014
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

Affiliation:
Affiliation Type Desc: Interested Party
Entity Name: San Diego Cnty Local Enforcement Agency (LEA)
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: OTAY CDI MVPF
Address: 1700 MAXWELL ROAD
City,State,Zip: CHULA VISTA, CA
Site ID: 510733
CERS ID: 37-AA-0973

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: Otay Landfill Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: 6194494053

Affiliation Type Desc: Legal Owner
Entity Name: Otay Landfill Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: 6194494053

Name: OTAY LANDFILL RESEARCH COMPOSTING OP.
Address: 1700 MAXWELL RD.
City,State,Zip: CHULA VISTA, CA
Site ID: 510735
CERS ID: 37-AA-0984
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: Otay Landfill, Inc.
Entity Title: Not reported
Affiliation Address: Neil Mohr1700 Maxwell Rd.
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91912
Affiliation Phone: 6194213773

Affiliation Type Desc: Legal Owner
Entity Name: Otay Landfill, Inc.
Entity Title: Not reported
Affiliation Address: Neil Mohr1700 Maxwell Rd.
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91912
Affiliation Phone: 6194213773

Name: PLANTS CHOICE COMP MATERIAL HANDLING OP.
Address: 1700 MAXWELL ROAD
City,State,Zip: CHULA VISTA, CA
Site ID: 511022
CERS ID: 37-AA-0975

OTAY ANNEX SANITARY LANDFILL (Continued) **S109287760**

CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: Plants Choice, Inc.
Entity Title: Not reported
Affiliation Address: Beng Hoe OoiPO Box 436050
Affiliation City: San Ysidro
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92154
Affiliation Phone: 6195859909

Affiliation Type Desc: Legal Owner
Entity Name: Otay Landfill Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: 6194494053

Name: OTAY ANNEX SANITARY LANDFILL
Address: 1700 MAXWELL ROAD
City,State,Zip: CHULA VISTA, CA 91910
Site ID: 140439
CERS ID: L10009614226
CERS Description: Land Disposal Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: AMY L. GROVE - SAN DIEGO RWQCB (REGION 9)
Entity Title: Not reported
Affiliation Address: 2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

O79 **OTAY LANDFILL INC.** **CA SWF/LF** **U001571080**
ENE **1700 MAXWELL RD** **CA San Diego Co. HMMD** **N/A**
1/2-1 **CHULA VISTA, CA 92011** **CA CERS HAZ WASTE**
0.907 mi. **CA HIST UST**
4789 ft. **Site 3 of 4 in cluster O** **CA EMI**
CA HWP
Relative: **CA CERS**
Higher

Actual: SWF/LF (SWIS):
349 ft. Name: OTAY SANITARY LANDFILL
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 91910
Region: STATE
Facility ID: 37-AA-0009
SWIS Number: 37-AA-0009
Point of Contact: Cody Oquendo

OTAY LANDFILL INC. (Continued) **U001571080**

Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Absorbed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Permitted

Operator:

SWIS Number:	37-AA-0009
Site Name:	Otay Sanitary Landfill
Site Operational Status:	Absorbed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	32.60333
Longitude:	-117.01667
Is Archived:	Yes
Operator:	Allied Waste Industries, Inc.
Started On:	12/3/1997
Contact Name:	Tom Gardner
Contact Title:	Landfill Division Manager
Contact Email:	Not reported
Contact Phone:	(619) 449-4053
Street Address:	8514 Mast Blvd
Operator City:	Santee
Operator State:	CA
Operator Zip:	92071

Waste:

SWIS Number:	37-AA-0009
Site Name:	Otay Sanitary Landfill
Activity:	Solid Waste Landfill
Waste Type:	Agricultural
Site Is Archived:	Yes
Site Operational Status:	Absorbed
Site Regulatory Status:	Permitted
Site Type:	Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	Yes
Activity Operational Status:	Absorbed
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0009
Site Name:	Otay Sanitary Landfill
Activity:	Solid Waste Landfill

OTAY LANDFILL INC. (Continued) **U001571080**

Waste Type:	Construction/demolition
Site Is Archived:	Yes
Site Operational Status:	Absorbed
Site Regulatory Status:	Permitted
Site Type:	Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	Yes
Activity Operational Status:	Absorbed
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0009
Site Name:	Otay Sanitary Landfill
Activity:	Solid Waste Landfill
Waste Type:	Mixed municipal
Site Is Archived:	Yes
Site Operational Status:	Absorbed
Site Regulatory Status:	Permitted
Site Type:	Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	Yes
Activity Operational Status:	Absorbed
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0009
Site Name:	Otay Sanitary Landfill
Activity:	Solid Waste Landfill
Waste Type:	Sludge (BioSolids)
Site Is Archived:	Yes
Site Operational Status:	Absorbed
Site Regulatory Status:	Permitted
Site Type:	Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	Yes
Activity Operational Status:	Absorbed
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0009
Site Name:	Otay Sanitary Landfill
Activity:	Solid Waste Landfill
Waste Type:	Tires
Site Is Archived:	Yes
Site Operational Status:	Absorbed
Site Regulatory Status:	Permitted
Site Type:	Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	Yes
Activity Operational Status:	Absorbed
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility

OTAY LANDFILL INC. (Continued) **U001571080**

SWIS Number:	37-AA-0009
Site Name:	Otay Sanitary Landfill
Activity:	Solid Waste Landfill
Waste Type:	Wood waste
Site Is Archived:	Yes
Site Operational Status:	Absorbed
Site Regulatory Status:	Permitted
Site Type:	Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	Yes
Activity Operational Status:	Absorbed
Activity Regulatory Status:	Permitted
Activity Category:	Disposal
Activity Classification:	Solid Waste Facility

Name:	OTAY ORGANICS STATION
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 91911
Region:	STATE
Facility ID:	37-AA-0997
SWIS Number:	37-AA-0997
Point of Contact:	Cody Oquendo
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Permitted

Activity:

SWIS Number:	37-AA-0997
Site Name:	Otay Organics Station
Activity:	Medium Volume Transfer/Processing Facility
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Monthly
Throughput:	100
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	200

OTAY LANDFILL INC. (Continued) **U001571080**

Capacity Units:	Tons
Total Acreage:	0.2
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Cody Oquendo
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:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Diego
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	Chula Vista
Street Address:	1700 Maxwell Road
City:	Chula Vista
State:	CA
ZIP Code:	91911
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	37-AA-0997
Site Name:	Otay Organics Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	32.60257
Longitude:	-117.01588
Is Archived:	No
Operator:	Otay Landfill, Inc.
Started On:	9/4/2020
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	neil.mohr@awin.com
Contact Phone:	(619) 421-3773
Street Address:	Neil Mohr 1700 Maxwell Rd.
Operator City:	Chula Vista
Operator State:	CA
Operator Zip:	91912

Owner:

SWIS Number:	37-AA-0997
Owner:	Otay Landfill, Inc.
Owner Address:	Neil Mohr 1700 Maxwell Rd.
Owner City:	Chula Vista

OTAY LANDFILL INC. (Continued) **U001571080**

Owner State:	CA
Owner Zip:	91912
Site Name:	Otay Organics Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	32.60257
Longitude:	-117.01588
Is Archived:	No
Started On:	8/8/2012
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	neil.mohr@awin.com
Contact Phone:	(619) 421-3773

Waste:

SWIS Number:	37-AA-0997
Site Name:	Otay Organics Station
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Food Wastes
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0997
Site Name:	Otay Organics Station
Activity:	Medium Volume Transfer/Processing Facility
Waste Type:	Green Materials
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SAN DIEGO CO. LF:

Name:	OTAY CDI
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA
Facility Status:	ACTIVE SITES
Operational Status:	ACTIVE
Region:	SAN DIEGO
SWIS Number:	37-AA-0973
Owner Name:	OTAY LANDFILL INC

OTAY LANDFILL INC. (Continued) **U001571080**

Operator: OTAY LANDFILL INC
Facility Type: MEDIUM VOLUME TRANSFER/ MEDIUM VOLUME CDI PROCESSING
Facility Type2: CDI PROCESSING
PERMTIER: REGISTRATION
Inspection Frequency: MONTHLY

Name: PLANTS CHOICE CHMO
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA
Facility Status: ACTIVE SITES
Operational Status: ACTIVE
Region: SAN DIEGO
SWIS Number: 37-AA-0975
Owner Name: OTAY LANDFILL, INC.
Operator: PLANTS CHOICE INC
Facility Type: ORGANIC MATERIALS HANDLING FACILITIES
Facility Type2: GREEN MATERIAL COMPOSTING OPERATION (<12,500 yd3)
PERMTIER: EA NOTIFICATION
Inspection Frequency: QUARTERLY

HMMD SAN DIEGO:
Name: ECOLOGY AUTO PARTS, INC.
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000341724
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 562-921-9974
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 01/06/2021
Facility Owner: Not reported
Facility Mailing Address: 14150 VINE PLACE, CERRITOS, CA 90703
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210800
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4519323
Return To Compliance Date: 2015-11-02T00:00:00.000
Nov: No
Violation Classification: Minor

OTAY LANDFILL INC. (Continued) **U001571080**

Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-01-06T01:32:20.000
Inspection Date: 2014-02-27T15:06:00.000
Violation Code: HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210800
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5923212
Return To Compliance Date: 2018-06-05T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-01-06T01:32:20.000
Inspection Date: 2018-06-04T15:29:00.000
Violation Code: 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-210800
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5923212
Return To Compliance Date: 2018-06-25T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-01-06T01:32:20.000
Inspection Date: 2018-06-04T15:29:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Waste and Materials:
Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0255793
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed

OTAY LANDFILL INC. (Continued) **U001571080**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0255794
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: Ethylene Glycol
Common Name: ANTIFREEZE
Case Number: 107-21-1

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162087
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0255795
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: Not reported
Common Name: Diesel Exhaust Fluid (DEF)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0187222
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0187223
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: Ethylene Glycol
Common Name: ANTIFREEZE
Case Number: 107-21-1

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0187224

OTAY LANDFILL INC. (Continued) **U001571080**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: Not reported
Common Name: Diesel Exhaust Fluid (DEF)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0187225
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0187226
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: Lubricating oils (petroleum), C>25, hydrotreated bright stock-based
Common Name: Lubricating Oils
Case Number: 72623-83-7

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162086
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name: OILY SOIL/SOLIDS
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162088
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-25T01:22:27.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol (Waste)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162089
Trade Secret: N
Hazardous Material Type: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Last Updated: 2020-02-25T01:22:27.000
Chemical Name: Not reported
Common Name: Oily Water (Parts Washer)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178431
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-12T02:45:27.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178432
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-12T02:45:27.000
Chemical Name: Ethylene Glycol
Common Name: ANTIFREEZE
Case Number: 107-21-1

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178433
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-12T02:45:27.000
Chemical Name: Gear Oil
Common Name: Gear Oil
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178434
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-12T02:45:27.000
Chemical Name: HYDRAULIC OIL
Common Name: HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178435
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-12T02:45:27.000
Chemical Name: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Common Name: Diesel Exhaust Fluid (DEF)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178436
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-12T02:45:27.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178437
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-12T02:45:27.000
Chemical Name: Not reported
Common Name: Motor Oil
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152940
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-12T02:45:28.000
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name: OILY SOIL/SOLIDS
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152941
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-12T02:45:28.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152942
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-12T02:45:28.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol (Waste)
Case Number: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152943
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-12T02:45:28.000
Chemical Name: Not reported
Common Name: Oily Water (Parts Washer)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0255796
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: Lubricating oils (petroleum), C>25, hydrotreated bright stock-based
Common Name: Lubricating Oils
Case Number: 72623-83-7

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0255797
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0225959
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: Not reported
Common Name: Oily Water (Parts Washer)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0225956
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name: OILY SOIL/SOLIDS
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed

OTAY LANDFILL INC. (Continued) **U001571080**

Active Permit: Y
Child Record Id: DEH2020-HWAST-0225958
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol (Waste)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107265
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107266
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: Ethylene Glycol
Common Name: ANTIFREEZE
Case Number: 107-21-1

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107267
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: Gear Oil
Common Name: Gear Oil
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107268
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: HYDRAULIC OIL
Common Name: HYDRAULIC OIL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107269

OTAY LANDFILL INC. (Continued) **U001571080**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: Not reported
Common Name: Diesel Exhaust Fluid (DEF)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107270
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107271
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: Not reported
Common Name: Motor Oil
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088520
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name: OILY SOIL/SOLIDS
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088521
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088522
Trade Secret: N
Hazardous Material Type: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Last Updated: 2017-09-29T02:34:58.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol (Waste)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0088523
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-29T02:34:58.000
Chemical Name: Not reported
Common Name: Oily Water (Parts Washer)
Case Number: Not reported

Record ID: DEH2009-HUPFP-210800
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0225957
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-01-06T01:32:27.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Name: ECOLOGY AUTO PARTS
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: 210800
Business Type: 6HK26
EPA Id Number: CAL000341724
APN: 644-230-19-00
Last HMMD Inspection: 01/26/2011
Facility Telephone: 619-429-3497
Permit Status: OPEN
Permit Expiration: 09/30/2013
Date Last Updated: 11/02/2012
Facility Owner: ECOLOGY AUTO PARTS, INC
Facility Mailing Address: 14150 VINE PLACE
Facility Mailing City: CERRITOS
Facility Mailing State: CA
Facility Mailing Zip: 90703
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 210800
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS

OTAY LANDFILL INC. (Continued) **U001571080**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: OILS, LUBRICATING
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: 1X55GAL USED/1X55 GAL NEW/ XOGUARD FLUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: DRAINED - TO ECOLOGY
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 210800
Update Date: 11/02/2012
Inspection Date: 05/28/2009
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

Permit Number: 210800
Update Date: 11/02/2012
Inspection Date: 05/28/2009
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Name: ECOLOGY AUTO PARTS
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 91911
Permit Number: 210800
Business Type: 6HK26
EPA Id Number: CAL000341724
APN: 644-230-19-00
Last HMMD Inspection: 01/26/2011
Facility Telephone: 619-429-3497
Permit Status: OPEN
Permit Expiration: 09/30/2013
Date Last Updated: 11/02/2012
Facility Owner: ECOLOGY AUTO PARTS, INC
Facility Mailing Address: 14150 VINE PLACE
Facility Mailing City: CERRITOS
Facility Mailing State: CA
Facility Mailing Zip: 90703

OTAY LANDFILL INC. (Continued) **U001571080**

UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 210800
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: OILS, LUBRICATING
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL

OTAY LANDFILL INC. (Continued) **U001571080**

Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: OILY ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: 1X55GAL USED/1X55 GAL NEW/ XOGUARD FLUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210800
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: DRAINED - TO ECOLOGY
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 210800
Update Date: 11/02/2012
Inspection Date: 05/28/2009
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

Permit Number: 210800
Update Date: 11/02/2012
Inspection Date: 05/28/2009
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

CERS HAZ WASTE:
Name: ECOLOGY AUTO PARTS, INC.
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 91911

OTAY LANDFILL INC. (Continued) **U001571080**

Site ID: 27378
CERS ID: 10359358
CERS Description: Hazardous Waste Generator

HIST UST:
Name: BKK CORPORATION
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 92011
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000016754
Facility Type: Other
Other Type: TREATMENT FACILITY
Contact Name: HERB SMITH
Telephone: 6194211175
Owner Name: BKK CORPORATION
Owner Address: 2550 237TH STREET
Owner City,St,Zip: TORRANCE, CA 90505
Total Tanks: 0003

Tank Num: 001
Container Num: SF1
Year Installed: 1982
Tank Capacity: 00250000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 002
Container Num: SF2
Year Installed: 1982
Tank Capacity: 00250000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 003
Container Num: SOG
Year Installed: 1982
Tank Capacity: 00013500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

EMI:
Name: ALLIED/OTAY LANDFILL
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 92011
Year: 1996
County Code: 37
Air Basin: SD
Facility ID: 7263

OTAY LANDFILL INC. (Continued) **U001571080**

Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5786
Reactive Organic Gases Tons/Yr:	70
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	84
Part. Matter 10 Micrometers and Smllr Tons/Yr:	37

Name:	ALLIED WASTE - OTAY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	1997
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1623
Reactive Organic Gases Tons/Yr:	13
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	58
Part. Matter 10 Micrometers and Smllr Tons/Yr:	17

Name:	ALLIED WASTE - OTAY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	1998
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1485
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	84
Part. Matter 10 Micrometers and Smllr Tons/Yr:	22

Name:	ALLIED WASTE - OTAY LANDFILL
Address:	1700 MAXWELL ROAD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	1999

OTAY LANDFILL INC. (Continued) **U001571080**

County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1485
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	84
Part. Matter 10 Micrometers and Smllr Tons/Yr:	22

Name:	OTAY LANDFILL INC.
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3695
Reactive Organic Gases Tons/Yr:	30
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	239
Part. Matter 10 Micrometers and Smllr Tons/Yr:	66

Name:	OTAY LANDFILL INC.
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3695
Reactive Organic Gases Tons/Yr:	30
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	239
Part. Matter 10 Micrometers and Smllr Tons/Yr:	66

Name:	OTAY LANDFILL INC.

OTAY LANDFILL INC. (Continued) **U001571080**

Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	2002
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2045
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	2
Particulate Matter Tons/Yr:	228
Part. Matter 10 Micrometers and Smllr Tons/Yr:	87

Name:	OTAY LANDFILL INC.
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	2003
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2045
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	2
Particulate Matter Tons/Yr:	228
Part. Matter 10 Micrometers and Smllr Tons/Yr:	87

Name:	OTAY LANDFILL INC.
Address:	1700 MAXWELL RD
City,State,Zip:	CHULA VISTA, CA 92011
Year:	2004
County Code:	37
Air Basin:	SD
Facility ID:	7263
Air District Name:	SD
SIC Code:	4953
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2044.525658
Reactive Organic Gases Tons/Yr:	16.9134257
Carbon Monoxide Emissions Tons/Yr:	1.5757
NOX - Oxides of Nitrogen Tons/Yr:	8.432
SOX - Oxides of Sulphur Tons/Yr:	1.547272
Particulate Matter Tons/Yr:	228.336762

OTAY LANDFILL INC. (Continued) **U001571080**

Part. Matter 10 Micrometers and Smllr Tons/Yr:86.8528861

HWP:

EPA ID:	CAT080010101
Name:	APPROPRIATE TECHNOLOGIES II INC
Address:	1700 MAXWELL RD
Cleanup Status:	CLOSED
Latitude:	32.60064
Longitude:	-117.0152
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Senate District:	40
Assembly District:	79
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Not reported
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	21-25%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAT080010101
Facility Type:	Historical - Non-Operating
Facility Name:	APPROPRIATE TECHNOLOGIES II INC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - Historical
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1992-03-31 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT2
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description:	Renewal - Historical - TECHNICAL COMPLETE LETTER
Actual Date:	06/25/1991

EPA ID:	CAT080010101
Facility Type:	Historical - Non-Operating
Facility Name:	APPROPRIATE TECHNOLOGIES II INC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	Renewal - Historical
Permit Being Renewed:	Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Permit Being Modified: Not reported
Final Date: 1992-03-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT2
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - APPLICATION PART B RECEIVED
Actual Date: 05/31/1989

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - Historical
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT2
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 06/30/1993

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-01-11 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 01/11/1983

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - Historical
Permit Being Renewed: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Permit Being Modified: Not reported
Final Date: 1992-03-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT2
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - PUBLIC COMMENT (BEGIN)
Actual Date: 06/29/1991

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-01-11 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 01/11/1988

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-01-11 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 05/17/1990

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Permit Being Modified: Not reported
Final Date: 1983-01-11 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 04/26/1982

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: Renewal - Historical
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1992-03-31 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT2
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL
Actual Date: 03/31/1992

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-01-11 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 01/11/1983

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Permit Being Modified: Not reported
Final Date: 1983-01-11 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 08/19/1982

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-01-11 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 08/06/1982

Closure:
EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 06/17/1998

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final

OTAY LANDFILL INC. (Continued) **U001571080**

Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: These units were clean closed.
Unit Names: CONTAIN1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 11/25/1998

Alias:
EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110000832243

EPA ID: CAT080010101
Facility Type: Historical - Non-Operating
Facility Name: APPROPRIATE TECHNOLOGIES II INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Envirostor ID Number
Alias: 37730291

CERS:
Name: OTAY ORGANICS STATION
Address: 1700 MAXWELL ROAD
City,State,Zip: CHULA VISTA, CA
Site ID: 568361
CERS ID: 37-AA-0997
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: Otay Landfill, Inc.
Entity Title: Not reported
Affiliation Address: Neil Mohr1700 Maxwell Rd.
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91912
Affiliation Phone: 6194213773

Affiliation Type Desc: Legal Owner
Entity Name: Otay Landfill, Inc.
Entity Title: Not reported
Affiliation Address: Neil Mohr1700 Maxwell Rd.
Affiliation City: Chula Vista
Affiliation State: CA
Affiliation Country: Not reported

OTAY LANDFILL INC. (Continued) **U001571080**

Affiliation Zip: 91912
Affiliation Phone: 6194213773

Name: ECOLOGY AUTO PARTS, INC.
Address: 1700 MAXWELL RD
City,State,Zip: CHULA VISTA, CA 91911
Site ID: 27378
CERS ID: 10359358
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 27378
Site Name: ECOLOGY AUTO PARTS, INC.
Violation Date: 06-04-2018
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: Returned to compliance on 06/05/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 27378
Site Name: ECOLOGY AUTO PARTS, INC.
Violation Date: 06-04-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/25/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5923212
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Luna Raisa Inspection ID:5923212
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

OTAY LANDFILL INC. (Continued) **U001571080**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Thai Darren Inspection ID:5398249
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Thai Darren Inspection ID:5398249
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-30-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Velediaz Belinda Inspection ID:6458532
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	27378
Facility Name:	ECOLOGY AUTO PARTS, INC.
Env Int Type Code:	HWG
Program ID:	10359358
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	32.604930
Longitude:	-117.004810

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	John Porter
Entity Title:	Not reported
Affiliation Address:	14150 Vine Pl.
Affiliation City:	Cerritos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90703
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14150 VINE PLACE
Affiliation City:	CERRITOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90703

OTAY LANDFILL INC. (Continued) **U001571080**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	John Porter
Entity Title:	Facility Supervisor
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880
Affiliation Type Desc:	Parent Corporation
Entity Name:	Ecology Auto Parts Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	John Porter
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ECOLOGY AUTO PARTS, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 921-9974
Affiliation Type Desc:	Legal Owner
Entity Name:	ECOLOGY AUTO PARTS, INC.
Entity Title:	Not reported
Affiliation Address:	14150 VINE PLACE
Affiliation City:	CERRITOS

OTAY LANDFILL INC. (Continued) **U001571080**

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90703
Affiliation Phone: (562) 921-9974

O80 **APPROPRIATE TECHNOLOGIES II INC.** **SEMS-ARCHIVE** **1000367959**
ENE **1700 MAXWELL RD** **CORRACTS** **CAT080010101**
1/2-1 **CHULA VISTA, CA 91911** **RCRA-TSDF**
0.907 mi. **RCRA-SQG**
4789 ft. **Site 4 of 4 in cluster O** **2020 COR ACTION**
NY MANIFEST

Relative:
Higher

Actual:
349 ft.

SEMS Archive:
Site ID: 0902662
EPA ID: CAT080010101
Name: APPROPRIATE TECHNOLOGIES II
Address: 1700 MAXWELL RD
Address 2: Not reported
City,State,Zip: CHULA VISTA, CA 92011
Cong District: 42
FIPS Code: 06073
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 09
Site ID: 0902662
EPA ID: CAT080010101
Site Name: APPROPRIATE TECHNOLOGIES II
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0902662
EPA ID: CAT080010101
Site Name: APPROPRIATE TECHNOLOGIES II
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 04:00:00
Finish Date: 1980-08-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Site ID: 0902662
EPA ID: CAT080010101
Site Name: APPROPRIATE TECHNOLOGIES II
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1989-09-15 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902662
EPA ID: CAT080010101
Site Name: APPROPRIATE TECHNOLOGIES II
NPL: N
FF: N
OU: 00
Action Code: AA
Action Name: RCRA F A
SEQ: 1
Start Date: Not reported
Finish Date: 1989-09-15 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902662
EPA ID: CAT080010101
Site Name: APPROPRIATE TECHNOLOGIES II
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-03-01 05:00:00
Finish Date: 1987-11-01 05:00:00
Qual: D
Current Action Lead: St Perf

CORRACTS:
Name: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Corrective Action: RFA COMPLETED
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Name: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
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: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Corrective Action: RFA COMPLETED
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: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
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: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
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: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
Area Name: WASHOUT PIT & OLD UNLINED EFFLUENT PIPES
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
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: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
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: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
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: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101
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

Name: APPROPRIATE TECHNOLOGIES II INC.
Address: 1700 MAXWELL RD
Address 2: Not reported
EPA ID: CAT080010101

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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
3 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:	APPROPRIATE TECHNOLOGIES II INC.
Handler Address:	1700 MAXWELL RD
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAT080010101
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:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Corrective Action Activities
State District Owner:	CA
State District:	4
Mailing Address:	2550 SECOND HUNDRED THIRTY SEV
Mailing City,State,Zip:	TORRANCE, CA 90505
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	BKK CORP DBA APPROPRIATE TECHNOLOGIES II
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	Yes
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	Yes
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
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:	Yes
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:	BKK CORP DBA APPROPRIATE TECHNOLOGIES II
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1700 MAXWELL RD
Owner/Operator City,State,Zip:	CHULA VISTA, CA 92011
Owner/Operator Telephone:	714-421-1175
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	APPROPRIATE TECHNOLOGIES II INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Owner/Operator Address: 1700 MAXWELL RD
Owner/Operator City,State,Zip: CHULA VISTA, CA 92011
Owner/Operator Telephone: 619-421-1175
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APPROPRIATE TECHNOLOGIES II INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1700 MAXWELL RD
Owner/Operator City,State,Zip: CHULA VISTA, CA 92011
Owner/Operator Telephone: 619-421-1175
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BKK CORP DBA APPROPRIATE TECHNOLOGIES II
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1700 MAXWELL RD
Owner/Operator City,State,Zip: CHULA VISTA, CA 92011
Owner/Operator Telephone: 714-421-1175
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COUNTY OF SAN DIEGO
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5555 OVERLAND AVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92123
Owner/Operator Telephone: 714-565-5338
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: APPROPRIATE TECHNOLOGIES II INC.
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Receive Date: 1996-09-01 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II INC.
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: APPROPRIATE TECHNOLOGIES II INC.
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: 1990-04-16 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II
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: 1992-03-16 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II
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: 1994-03-30 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES 11, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Receive Date: 1996-02-27 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

NAICS Code: 562
NAICS Description: WASTE MANAGEMENT AND REMEDIATION SERVICES

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1990-10-16 00:00:00.0
Actual Return to Compliance Date: 1991-05-30 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 1990-11-29 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: EPA
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 1991-11-22 00:00:00.0
Actual Return to Compliance Date: 1993-12-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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 - Closure/Post-Closure
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 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:	INITIAL 3008(A) COMPLIANCE
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:	37000

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-04-20 00:00:00.0
Actual Return to Compliance Date:	1994-07-12 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:	TSD - Closure/Post-Closure
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-01-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1994-04-19 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:	FINAL 3008(A) COMPLIANCE ORDER
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:	10000
Paid Amount:	10000
Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1994-04-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	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:	10000
Paid Amount:	10000
Final Count:	1
Final Amount:	10000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1995-11-29 00:00:00.0
Actual Return to Compliance Date:	1995-12-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	1995-11-29 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	LDR - General
Date Violation was Determined:	1989-12-06 00:00:00.0
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-03-08 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	R9EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	LDR - General
Date Violation was Determined:	1990-10-16 00:00:00.0
Actual Return to Compliance Date:	1991-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	1991-05-30 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:	INITIAL 3008(A) COMPLIANCE
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-12-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 009
Date of Enforcement Action: 1995-11-29 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: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-11-29 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1996-07-26 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: KMORI
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: 1994-04-07 00:00:00.0
Actual Return to Compliance Date: 1994-04-20 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 1994-06-02 00:00:00.0
Enforcement Responsible Agency: EPA
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: JSULL
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-04-07 00:00:00.0
Actual Return to Compliance Date:	1994-04-20 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 - General
Date Violation was Determined:	1989-12-06 00:00:00.0
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-03-08 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: R9EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1994-07-12 00:00:00.0
Actual Return to Compliance Date: 1994-12-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
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: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-12-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 009
Date of Enforcement Action: 1995-11-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1989-03-20 00:00:00.0
Actual Return to Compliance Date:	1989-08-23 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:	1989-07-10 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:	INITIAL 3008(A) COMPLIANCE
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:	24000
Final Monetary Amount:	24000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	24000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-01-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1989-12-06 00:00:00.0
Actual Return to Compliance Date: 1990-09-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 1990-04-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1990-03-08 00:00:00.0
Enforcement Responsible Agency: EPA
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: R9EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-09-25 00:00:00.0
Actual Return to Compliance Date:	1990-10-16 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	1991-01-23 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	R9EPA
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:	1995-11-29 00:00:00.0
Actual Return to Compliance Date:	1995-11-29 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1996-07-26 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	KMORI
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1993-06-22 00:00:00.0
Actual Return to Compliance Date:	1993-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-01-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	LDR - General
Date Violation was Determined:	1989-03-20 00:00:00.0
Actual Return to Compliance Date:	1989-08-23 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:	1989-07-10 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:	INITIAL 3008(A) COMPLIANCE
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:	24000
Final Monetary Amount:	24000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	24000
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-09-25 00:00:00.0
Actual Return to Compliance Date:	1990-10-16 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	1991-01-23 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	R9EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1994-01-18 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: 1990-04-26 00:00:00.0
Actual Return to Compliance Date: 1990-08-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 1990-06-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1995-11-29 00:00:00.0
Actual Return to Compliance Date:	1995-11-29 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1996-07-26 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	KMORI
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 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:	INITIAL 3008(A) COMPLIANCE
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:	37000
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1995-11-29 00:00:00.0
Actual Return to Compliance Date:	1995-12-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	1995-11-29 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1994-04-19 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:	FINAL 3008(A) COMPLIANCE ORDER
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:	10000
Paid Amount:	10000
Final Count:	1
Final Amount:	10000
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 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:	INITIAL 3008(A) COMPLIANCE
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:	37000

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1988-06-01 00:00:00.0
Actual Return to Compliance Date:	1988-08-12 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-07-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1988-06-13 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:	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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1994-04-19 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:	FINAL 3008(A) COMPLIANCE ORDER
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Final Monetary Amount: 10000
Paid Amount: 10000
Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1994-01-18 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 - Closure/Post-Closure
Date Violation was Determined: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 1994-04-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	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:	10000
Paid Amount:	10000
Final Count:	1
Final Amount:	10000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 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:	INITIAL 3008(A) COMPLIANCE
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:	37000

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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 - Financial Requirements
Date Violation was Determined:	1992-03-10 00:00:00.0
Actual Return to Compliance Date:	1993-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1989-12-06 00:00:00.0
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-03-08 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	R9EPA
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:	LDR - General
Date Violation was Determined:	1989-03-20 00:00:00.0
Actual Return to Compliance Date:	1989-08-23 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:	1989-07-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	INITIAL 3008(A) COMPLIANCE
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:	24000
Final Monetary Amount:	24000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	24000

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-12-06 00:00:00.0
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-03-08 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	R9EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1990-10-16 00:00:00.0
Actual Return to Compliance Date:	1991-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	1991-05-30 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:	INITIAL 3008(A) COMPLIANCE
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:	1992-07-08 00:00:00.0
Actual Return to Compliance Date:	1993-01-21 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-11-28 00:00:00.0
Actual Return to Compliance Date:	1994-12-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	1994-11-28 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	DFERN
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-01-18 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:	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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-04-07 00:00:00.0
Actual Return to Compliance Date:	1994-04-20 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	1994-06-02 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	JSULL
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	LDR - General
Date Violation was Determined:	1990-10-16 00:00:00.0
Actual Return to Compliance Date:	1991-05-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	1991-05-30 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:	INITIAL 3008(A) COMPLIANCE
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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: INITIAL 3008(A) COMPLIANCE
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: 37000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1995-11-29 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: 1993-01-21 00:00:00.0
Evaluation Responsible Agency: EPA-Initiated Oversight/Observation/Training Actions
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
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: 1990-10-16 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Actual Return to Compliance Date:	1991-05-30 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:	1991-11-22 00:00:00.0
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1993-12-14 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:	1993-12-06 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:	1995-08-03 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:	1994-04-20 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
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:	1994-07-12 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:	1993-12-06 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:	1995-08-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Former Citation:	Not reported
Evaluation Date:	1996-10-25 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-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:	1993-12-06 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:	1995-08-03 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:	1993-12-06 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:	1995-08-03 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:	1995-11-29 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:	1995-12-28 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:	1989-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-10-22 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:	1990-10-16 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:	1991-05-30 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:	1995-11-29 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:	1995-12-28 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:	1995-05-25 00:00:00.0
Evaluation Responsible Agency:	EPA
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:	1995-11-29 00:00:00.0
Scheduled Compliance Date:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-03-03 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JSULL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-04-20 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:	1994-03-03 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JSULL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-04-20 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:	1989-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-12-08 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Date:	1994-07-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DFERN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-12-07 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:	1995-11-29 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:	1995-12-28 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:	1994-11-29 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:	1989-03-20 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:	1989-08-23 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:	1993-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1995-08-03 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: 1989-12-06 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: BCOFE
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-09-07 00:00:00.0
Scheduled Compliance Date: 1990-04-05 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-01-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
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: 1990-09-25 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: 1990-10-16 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: 1995-05-25 00:00:00.0
Evaluation Responsible Agency: EPA
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: 1995-11-29 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-04-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
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:	1993-06-21 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:	1993-12-14 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:	1996-06-11 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
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:	1989-03-20 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:	1989-08-23 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:	1990-09-25 00:00:00.0
Evaluation Responsible Agency:	EPA

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1990-10-16 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:	1996-11-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
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:	1993-12-06 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:	1995-08-03 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:	1990-04-26 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:	1990-08-27 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:	1995-05-25 00:00:00.0
Evaluation Responsible Agency:	EPA
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:	1995-11-29 00:00:00.0

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1993-12-06 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:	1995-08-03 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:	1988-06-06 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:	1995-11-29 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:	1995-12-28 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:	1993-12-06 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:	1995-08-03 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Date:	1990-10-02 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:	1993-12-06 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:	1995-08-03 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:	1988-06-01 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:	1988-08-12 00:00:00.0
Scheduled Compliance Date:	1988-07-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-05-08 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:	1993-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1995-08-03 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: 1993-12-06 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: 1995-08-03 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: 1993-12-06 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: 1995-08-03 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: 1993-12-06 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: 1995-08-03 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: 1991-04-18 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-05-08 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:	1992-03-10 00:00:00.0
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1993-12-14 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:	1989-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-03-20 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:	1989-08-23 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:	1989-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1990-10-16 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:	1991-05-30 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:	1992-07-08 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
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:	1993-01-21 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:	1994-07-12 00:00:00.0
Evaluation Responsible Agency:	EPA Contractor/Grantee
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:	1994-12-07 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:	1993-12-06 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:	1995-08-03 00:00:00.0

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1997-12-08 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:	1994-03-03 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JSULL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-04-20 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:	1990-10-16 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:	1991-05-30 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:	1993-12-06 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:	1995-08-03 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	APPROPRIATE TECHNOLOGIES II INC.
Handler Address:	1700 MAXWELL RD
Handler City,State,Zip:	CHULA VISTA, CA 91911
EPA ID:	CAT080010101
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:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Corrective Action Activities
State District Owner:	CA
State District:	4
Mailing Address:	2550 SECOND HUNDRED THIRTY SEV
Mailing City,State,Zip:	TORRANCE, CA 90505
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	BKK CORP DBA APPROPRIATE TECHNOLOGIES II
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	Yes
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	Yes
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

202 GPRA Corrective Action Baseline:	Yes
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:	Yes
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:	BKK CORP DBA APPROPRIATE TECHNOLOGIES II
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1700 MAXWELL RD
Owner/Operator City,State,Zip:	CHULA VISTA, CA 92011
Owner/Operator Telephone:	714-421-1175
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	APPROPRIATE TECHNOLOGIES II INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1700 MAXWELL RD
Owner/Operator City,State,Zip:	CHULA VISTA, CA 92011
Owner/Operator Telephone:	619-421-1175
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	APPROPRIATE TECHNOLOGIES II INC
Legal Status:	Private
Date Became Current:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Date Ended Current: Not reported
Owner/Operator Address: 1700 MAXWELL RD
Owner/Operator City,State,Zip: CHULA VISTA, CA 92011
Owner/Operator Telephone: 619-421-1175
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BKK CORP DBA APPROPRIATE TECHNOLOGIES II
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1700 MAXWELL RD
Owner/Operator City,State,Zip: CHULA VISTA, CA 92011
Owner/Operator Telephone: 714-421-1175
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COUNTY OF SAN DIEGO
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5555 OVERLAND AVE
Owner/Operator City,State,Zip: SAN DIEGO, CA 92123
Owner/Operator Telephone: 714-565-5338
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: APPROPRIATE TECHNOLOGIES II INC.
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: APPROPRIATE TECHNOLOGIES II INC.
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Electronic Manifest Broker: Not reported

Receive Date: 1980-08-18 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II INC.
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: 1990-04-16 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II
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: 1992-03-16 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II
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: 1994-03-30 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES 11, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-02-27 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II INC
Federal Waste Generator Description: Large Quantity Generator

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Receive Date: 1999-03-04 00:00:00.0
Handler Name: APPROPRIATE TECHNOLOGIES II, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

NAICS Code: 562
NAICS Description: WASTE MANAGEMENT AND REMEDIATION SERVICES

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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1990-10-16 00:00:00.0
Actual Return to Compliance Date: 1991-05-30 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 1990-11-29 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: EPA
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 1991-11-22 00:00:00.0
Actual Return to Compliance Date: 1993-12-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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 - Closure/Post-Closure
Date Violation was Determined: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 1994-03-19 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: INITIAL 3008(A) COMPLIANCE
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: 37000
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: 1994-04-20 00:00:00.0
Actual Return to Compliance Date: 1994-07-12 00:00:00.0
Return to Compliance Qualifier: Unverifiable

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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 - Closure/Post-Closure
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-01-18 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1994-04-19 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:	FINAL 3008(A) COMPLIANCE ORDER
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:	10000
Paid Amount:	10000
Final Count:	1
Final Amount:	10000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1994-04-19 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:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 10000
Paid Amount: 10000
Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-12-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 009
Date of Enforcement Action: 1995-11-29 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: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1989-12-06 00:00:00.0
Actual Return to Compliance Date: 1990-09-07 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency: EPA
Scheduled Compliance Date: 1990-04-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1990-03-08 00:00:00.0
Enforcement Responsible Agency: EPA
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: R9EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: LDR - General
Date Violation was Determined: 1990-10-16 00:00:00.0
Actual Return to Compliance Date: 1991-05-30 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 005
Date of Enforcement Action: 1991-05-30 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: INITIAL 3008(A) COMPLIANCE
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: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-12-28 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 009
Date of Enforcement Action: 1995-11-29 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: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-11-29 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1996-07-26 00:00:00.0
Enforcement Responsible Agency: EPA
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: KMORI
Enforcement Responsible Sub-Organization: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1994-04-07 00:00:00.0
Actual Return to Compliance Date: 1994-04-20 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 1994-06-02 00:00:00.0
Enforcement Responsible Agency: EPA
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: JSULL
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: 1994-04-07 00:00:00.0
Actual Return to Compliance Date: 1994-04-20 00:00:00.0
Return to Compliance Qualifier: Unverifiable

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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 - General
Date Violation was Determined:	1989-12-06 00:00:00.0
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-03-08 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1994-07-12 00:00:00.0
Actual Return to Compliance Date: 1994-12-07 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	EPA
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:	1995-11-29 00:00:00.0
Actual Return to Compliance Date:	1995-12-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	1995-11-29 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1989-03-20 00:00:00.0
Actual Return to Compliance Date: 1989-08-23 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	1989-07-10 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:	INITIAL 3008(A) COMPLIANCE
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:	24000
Final Monetary Amount:	24000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	24000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-01-18 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: LDR - General
Date Violation was Determined: 1989-12-06 00:00:00.0
Actual Return to Compliance Date: 1990-09-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 1990-04-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1990-03-08 00:00:00.0
Enforcement Responsible Agency: EPA
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: R9EPA
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-09-25 00:00:00.0
Actual Return to Compliance Date:	1990-10-16 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	1991-01-23 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-11-29 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1996-07-26 00:00:00.0
Enforcement Responsible Agency: EPA
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: KMORI
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1993-06-22 00:00:00.0
Actual Return to Compliance Date:	1993-12-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-01-18 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 1989-03-20 00:00:00.0
Actual Return to Compliance Date: 1989-08-23 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	1989-07-10 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:	INITIAL 3008(A) COMPLIANCE
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:	24000
Final Monetary Amount:	24000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	24000

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-09-25 00:00:00.0
Actual Return to Compliance Date:	1990-10-16 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	1991-01-23 00:00:00.0
Enforcement Responsible Agency:	EPA
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:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1994-01-18 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: 1990-04-26 00:00:00.0
Actual Return to Compliance Date: 1990-08-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 1990-06-07 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-11-29 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1996-07-26 00:00:00.0
Enforcement Responsible Agency: EPA
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: KMORI
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: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 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:	INITIAL 3008(A) COMPLIANCE
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:	37000
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1995-11-29 00:00:00.0
Actual Return to Compliance Date: 1995-12-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 009
Date of Enforcement Action: 1995-11-29 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: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1994-04-19 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:	FINAL 3008(A) COMPLIANCE ORDER
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:	10000
Paid Amount:	10000
Final Count:	1
Final Amount:	10000

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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 1994-03-19 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: INITIAL 3008(A) COMPLIANCE
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: 37000
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: 1988-06-01 00:00:00.0
Actual Return to Compliance Date: 1988-08-12 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-07-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1988-06-13 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:	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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 1994-04-19 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: FINAL 3008(A) COMPLIANCE ORDER
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: 10000
Paid Amount: 10000
Final Count: 1
Final Amount: 10000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1994-01-18 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 - Closure/Post-Closure
Date Violation was Determined: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 1994-04-19 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: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	10000
Paid Amount:	10000
Final Count:	1
Final Amount:	10000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 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:	INITIAL 3008(A) COMPLIANCE
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:	37000
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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
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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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 - Financial Requirements
Date Violation was Determined: 1992-03-10 00:00:00.0
Actual Return to Compliance Date: 1993-12-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
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 - General
Date Violation was Determined: 1989-12-06 00:00:00.0
Actual Return to Compliance Date: 1990-09-07 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency: EPA
Scheduled Compliance Date: 1990-04-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1990-03-08 00:00:00.0
Enforcement Responsible Agency: EPA
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: R9EPA
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: LDR - General
Date Violation was Determined: 1989-03-20 00:00:00.0
Actual Return to Compliance Date: 1989-08-23 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: 1989-07-10 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: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 24000
Final Monetary Amount: 24000
Paid Amount: Not reported
Final Count: 1
Final Amount: 24000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1989-12-06 00:00:00.0
Actual Return to Compliance Date: 1990-09-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 1990-04-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1990-03-08 00:00:00.0
Enforcement Responsible Agency: EPA
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: R9EPA
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: 1990-10-16 00:00:00.0
Actual Return to Compliance Date: 1991-05-30 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	1991-05-30 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:	INITIAL 3008(A) COMPLIANCE
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:	1992-07-08 00:00:00.0
Actual Return to Compliance Date:	1993-01-21 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1994-11-28 00:00:00.0
Actual Return to Compliance Date: 1994-12-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 005
Date of Enforcement Action: 1994-11-28 00:00:00.0
Enforcement Responsible Agency: EPA
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: DFERN
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: 1994-01-18 00:00:00.0
Actual Return to Compliance Date: 1995-08-03 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 006
Date of Enforcement Action: 1994-01-18 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: 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 1994-04-07 00:00:00.0
Actual Return to Compliance Date: 1994-04-20 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 1994-06-02 00:00:00.0
Enforcement Responsible Agency: EPA
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: JSULL
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: LDR - General
Date Violation was Determined: 1990-10-16 00:00:00.0
Actual Return to Compliance Date: 1991-05-30 00:00:00.0
Return to Compliance Qualifier: Observed

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	005
Date of Enforcement Action:	1991-05-30 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:	INITIAL 3008(A) COMPLIANCE
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:	1994-01-18 00:00:00.0
Actual Return to Compliance Date:	1995-08-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1994-03-19 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:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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: 37000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1995-11-29 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: 1993-01-21 00:00:00.0
Evaluation Responsible Agency: EPA-Initiated Oversight/Observation/Training Actions
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
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: 1990-10-16 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: 1991-05-30 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: 1991-11-22 00:00:00.0
Evaluation Responsible Agency: EPA Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1993-12-14 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:	1993-12-06 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:	1995-08-03 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:	1994-04-20 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
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:	1994-07-12 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:	1993-12-06 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:	1995-08-03 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:	1996-10-25 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-12-06 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:	1995-08-03 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:	1993-12-06 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:	1995-08-03 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:	1995-11-29 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:	1995-12-28 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:	1989-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-10-22 00:00:00.0

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1990-10-16 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:	1991-05-30 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:	1995-11-29 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:	1995-12-28 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:	1995-05-25 00:00:00.0
Evaluation Responsible Agency:	EPA
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:	1995-11-29 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:	1994-03-03 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JSULL
Evaluation Responsible Sub-Organization:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Actual Return to Compliance Date: 1994-04-20 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: 1994-03-03 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: JSULL
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1994-04-20 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: 1989-12-06 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: BCOFE
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-09-07 00:00:00.0
Scheduled Compliance Date: 1990-04-05 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-12-08 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: 1994-07-12 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DFERN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1994-12-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Former Citation: Not reported

Evaluation Date: 1995-11-29 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: 1995-12-28 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: 1994-11-29 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: 1989-03-20 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: 1989-08-23 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: 1993-12-06 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: 1995-08-03 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: 1989-12-06 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-01-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
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:	1990-09-25 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:	1990-10-16 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:	1995-05-25 00:00:00.0
Evaluation Responsible Agency:	EPA
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:	1995-11-29 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:	1992-04-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-06-21 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:	1993-12-14 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:	1996-06-11 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
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:	1989-03-20 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:	1989-08-23 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:	1990-09-25 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:	1990-10-16 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Date:	1996-11-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
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:	1993-12-06 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:	1995-08-03 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:	1990-04-26 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:	1990-08-27 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:	1995-05-25 00:00:00.0
Evaluation Responsible Agency:	EPA
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:	1995-11-29 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:	1993-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1995-08-03 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: 1988-06-06 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: 1995-11-29 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: 1995-12-28 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: 1993-12-06 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: 1995-08-03 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: 1990-10-02 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-12-06 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: 1995-08-03 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: 1988-06-01 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: 1988-08-12 00:00:00.0
Scheduled Compliance Date: 1988-07-10 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-08 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: 1993-12-06 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: 1995-08-03 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: 1993-12-06 00:00:00.0
Evaluation Responsible Agency: State

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1995-08-03 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:	1993-12-06 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:	1995-08-03 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:	1993-12-06 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:	1995-08-03 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:	1991-04-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
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:	1990-05-08 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1992-03-10 00:00:00.0
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1993-12-14 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:	1989-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-03-20 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:	1989-08-23 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:	1989-12-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCOFE
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-09-07 00:00:00.0
Scheduled Compliance Date:	1990-04-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Evaluation Date:	1990-10-16 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:	1991-05-30 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:	1992-07-08 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
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:	1993-01-21 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:	1994-07-12 00:00:00.0
Evaluation Responsible Agency:	EPA Contractor/Grantee
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:	1994-12-07 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:	1993-12-06 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:	1995-08-03 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:	1997-12-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

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:	1994-03-03 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JSULL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-04-20 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:	1990-10-16 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:	1991-05-30 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:	1993-12-06 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:	1995-08-03 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

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

2020 COR ACTION:
EPA ID: CAT080010101
Region: 9
Action: Remedy Construction

NY MANIFEST:
Name: APPROPRIATE TECHNOLOGIES II
Address: 1700 MAXWELL ROAD
City,State,Zip: CHULA VISTA, CA 92011
Country: USA
EPA ID: CAT080010101
Facility Status: Not reported
Location Address 1: 1700 MAXWELL ROAD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: CHULA VISTA
Location State: CA
Location Zip: 92011
Location Zip 4: Not reported

NY MANIFEST:
EPAID: CAT080010101
Mailing Name: APPROPRIATE TECHNOLOGIES II
Mailing Contact: APPROPRIATE TECHNOLOGIES II
Mailing Address 1: 1700 MAXWELL ROAD
Mailing Address 2: Not reported
Mailing City: CHULA VISTA
Mailing State: CA
Mailing Zip: 92011
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6194211175

NY MANIFEST:
Document ID: NYB7314453
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: 11284PNY
Trans2 State ID: Not reported
Generator Ship Date: 09/16/1996
Trans1 Recv Date: 09/16/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 10/04/1996
Part A Recv Date: / /
Part B Recv Date: 10/22/1996
Generator EPA ID: CAT080010101
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID 1: NYD000632372
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00008
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00011
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00126
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00008
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	P098 - POTASSIUM CYANIDE
Quantity:	00234
Units:	P - Pounds
Number of Containers:	001

APPROPRIATE TECHNOLOGIES II INC. (Continued) **1000367959**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	P098 - POTASSIUM CYANIDE
Quantity:	00234
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHULA VISTA	S108217438	PUBLIC STORAGE FACILITY	2317 MAIN (SB) ST	91911	CA SAN DIEGO CO. SAM
CHULA VISTA	S114732655	SHINOHARA I	4705 OTAY VALLEY RD EAST OF 80		CA SWF/LF, CA RGA LF
CHULA VISTA CA	S103443330	WALKER SCOTT PROPERTY	OTAY VALLEY RD	91911	CA WMUDS/SWAT, CA San Diego Co HMMD
SAN DIEGO	1015730674	OTAY MESA CID DRUMS	CORNER HERITAGE ROAD AND OTAY	92154	SEMS

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
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: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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
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: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 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: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 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: 03/30/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 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: 06/04/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 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: 06/04/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
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: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 39

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
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: 02/22/2021
Date Data Arrived at EDR: 02/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
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: 02/22/2021
Date Data Arrived at EDR: 02/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

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: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/08/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 83

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 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 REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST: 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: 08/02/2021
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: 08/02/2021
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: 08/02/2021
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: 08/02/2021
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: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 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: 08/02/2021
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: 08/02/2021
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: 08/02/2021
Data Release Frequency: Varies

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

Date of Government Version: 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

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 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: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust 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

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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 04/01/2021
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/04/2021
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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/03/2021
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
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
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
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: 303-312-6137
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
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
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: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 08/02/2021
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
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: 08/02/2021
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
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 9
Telephone: 415-972-3368
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
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
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: 08/02/2021
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
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: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 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: 08/02/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
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
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/17/2021
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: 03/15/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

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: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
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
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/09/2021
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: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/22/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/09/2021
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
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

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

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: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

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: 03/01/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

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: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 77

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/28/2021
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
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2021
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: 12/31/2020
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
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
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 Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
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
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: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
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: 02/11/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 47

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/23/2021
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/30/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
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.

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: 05/17/2021
Next Scheduled EDR Contact: 08/30/2021
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: 01/20/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 60

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
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: 06/04/2021
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: 01/22/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 08/16/2021
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
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/27/2021
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/27/2021
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
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/09/2021
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: 12/31/2020
Date Data Arrived at EDR: 01/13/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 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: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 08/30/2021
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: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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 Admi
Telephone: 202-693-9424
Last EDR Contact: 05/26/2021
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.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 84

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: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 84

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: 02/03/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 33

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/13/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

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: 02/17/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/17/2021
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
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/23/2021
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: 03/01/2021
Date Data Arrived at EDR: 03/04/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 77

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

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/26/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

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: 02/23/2021
Date Data Arrived at EDR: 02/25/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 83

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 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: 12/31/2020
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/09/2021
Number of Days to Update: 79

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/13/2021
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/08/2021
Date Data Arrived at EDR: 02/12/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 82

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
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: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/16/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 05/07/2021
Number of Days to Update: 79

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
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: 02/16/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
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: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

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

Date of Government Version: 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: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/03/2021
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: 01/29/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/28/2021
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: 02/08/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 05/04/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
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: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/28/2021
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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
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
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/03/2021
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
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 Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
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
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/15/2021
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
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

PROJECT: Project Sites (GEOTRACKER)

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

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: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 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: 01/20/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
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

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: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

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: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

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: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 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: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
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: 03/17/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

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: 05/25/2021
Next Scheduled EDR Contact: 08/16/2021
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: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 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: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
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: 01/25/2021
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 80

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

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: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/09/2021
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: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
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: 05/10/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
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: 05/11/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 08/16/2021
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: 05/25/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/10/2021
Date Data Arrived at EDR: 02/12/2021
Date Made Active in Reports: 03/11/2021
Number of Days to Update: 27

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 08/02/2021
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: 01/11/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/11/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/26/2021
Number of Days to Update: 73

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/13/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 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: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
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
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
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
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
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: 10/19/2020
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/26/2021
Number of Days to Update: 73

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/21/2020
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 9

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 06/02/2021
Next Scheduled EDR Contact: 09/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/08/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 72

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: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
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: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/03/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
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: 08/16/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/02/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/16/2021
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: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55

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: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/26/2021
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: 03/31/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/23/2021
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: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 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: 05/03/2021
Next Scheduled EDR Contact: 08/16/2021
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: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/21/2021
Number of Days to Update: 79

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: 05/21/2021
Next Scheduled EDR Contact: 08/02/2021
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: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
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

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
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: 02/11/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
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: Semi-Annually

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: 05/06/2021
Next Scheduled EDR Contact: 08/30/2021
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

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: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
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: 05/21/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
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: Quarterly

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: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/15/2021
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:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

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: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

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: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
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: 12/28/2020
Date Data Arrived at EDR: 01/29/2021
Date Made Active in Reports: 04/22/2021
Number of Days to Update: 83
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 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: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
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: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
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:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/22/2021
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
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 20

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/24/2021
Next Scheduled EDR Contact: 08/09/2021
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: 10/05/2020
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/13/2021
Next Scheduled EDR Contact: 08/30/2021
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.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 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

517 SHINOHARA LANE
517 SHINOHARA LANE
CHULA VISTA, CA 91911

TARGET PROPERTY COORDINATES

Latitude (North):	32.597462 - 32° 35' 50.86''
Longitude (West):	117.031438 - 117° 1' 53.18''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	497049.9
UTM Y (Meters):	3606473.8
Elevation:	204 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5622818 IMPERIAL BEACH, 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).

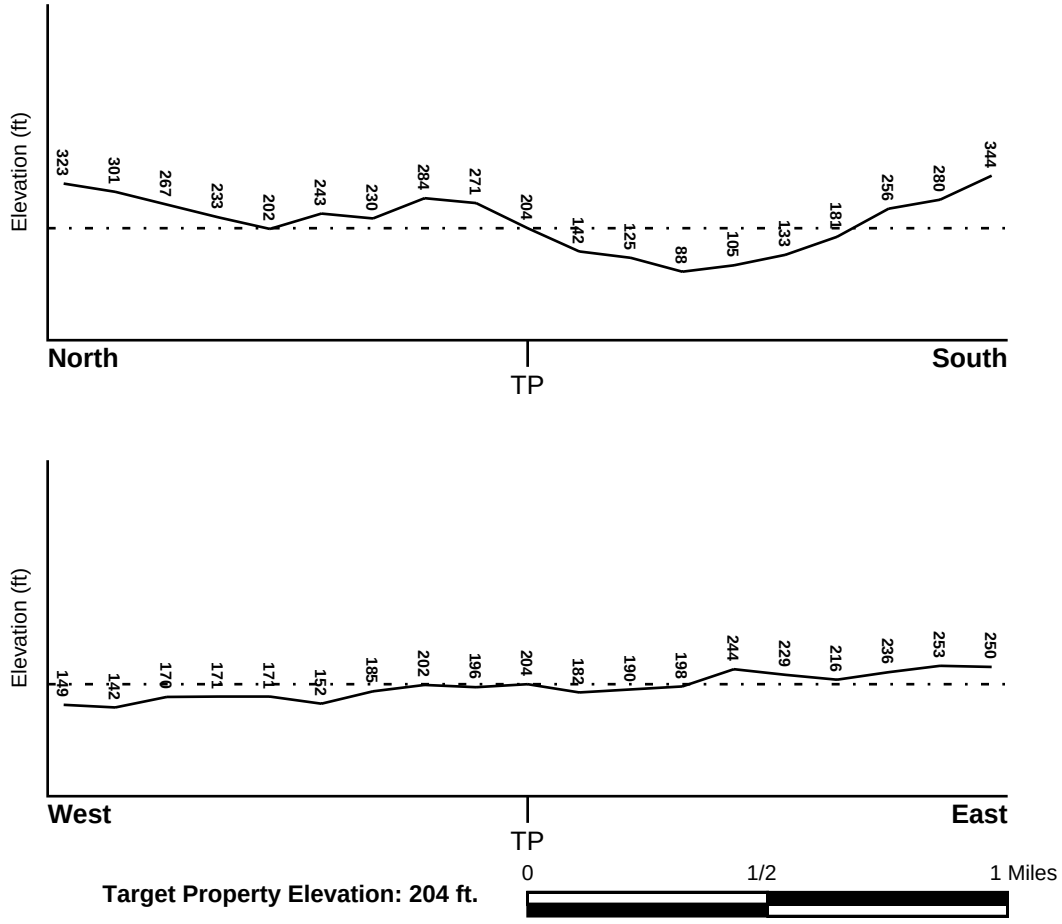
TOPOGRAPHIC INFORMATION

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 South

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

Flood Plain Panel at Target Property	FEMA Source Type
06073C2156G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06073C2157G	FEMA FIRM Flood data
06073C2158G	FEMA FIRM Flood data
06073C2159G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
IMPERIAL BEACH	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
Location Relative to TP:	1/2 - 1 Mile East
Site Name:	APPROPRIATE TECHNOLOGIES II
Site EPA ID Number:	CAT080010101
Groundwater Flow Direction:	W TOWARD SAN DIEGO BAY.
Inferred Depth to Water:	110 to 180 feet.
Hydraulic Connection:	Information is not available regarding the hydraulic connection between aquifer(s) underlying the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B5	1/8 - 1/4 Mile SW	WSW
37	1/4 - 1/2 Mile ESE	Varies
1G	1/4 - 1/2 Mile ESE	Varies
2G	1/8 - 1/4 Mile SW	WSW

For additional site information, refer to Physical Setting Source Map Findings.

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

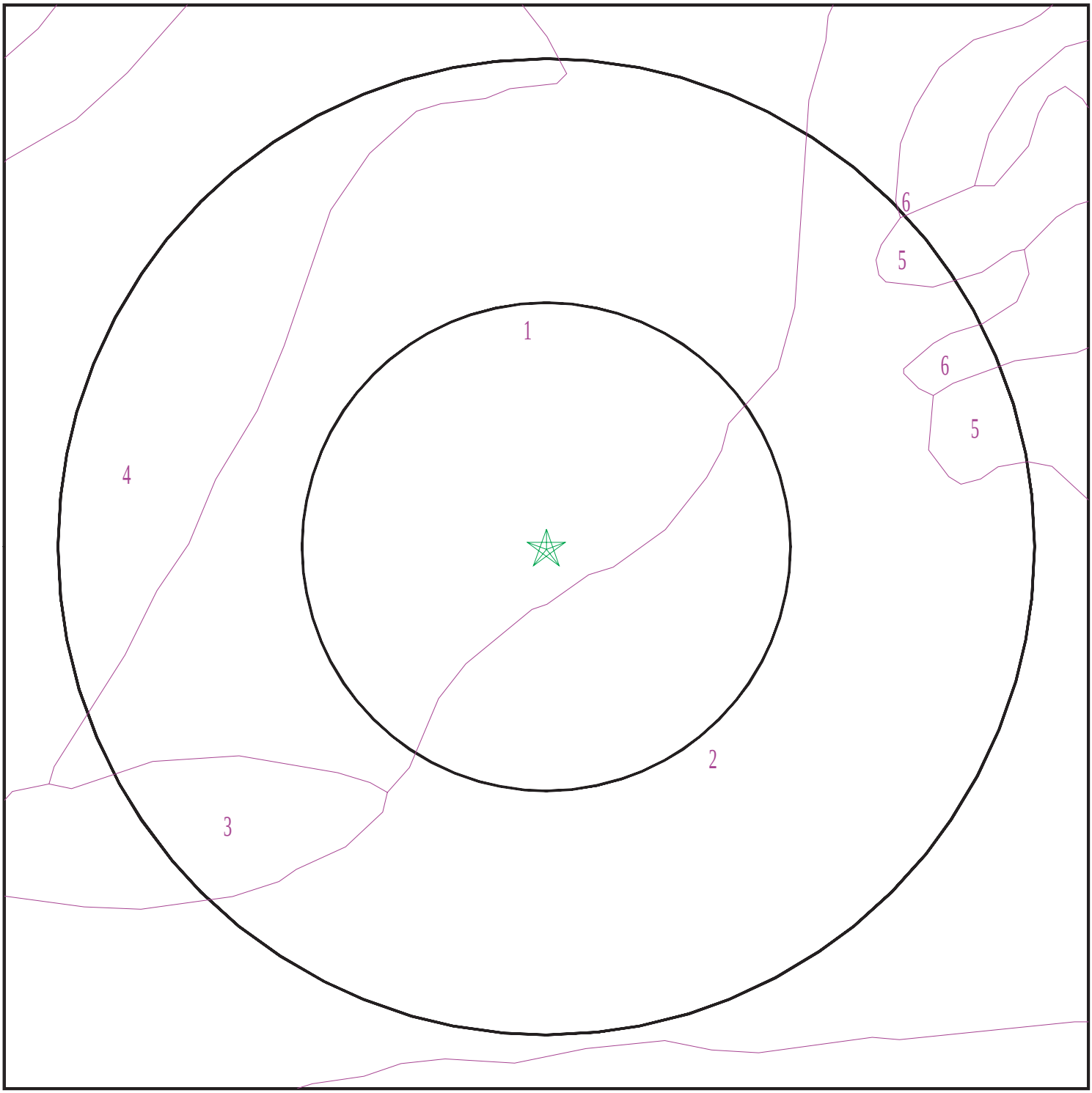
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp *(decoded above as Era, System & Series)*

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 - 6549730.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	517 Shinohara Lane	CLIENT:	SCS Engineers
ADDRESS:	517 Shinohara Lane Chula Vista CA 91911	CONTACT:	Allison Oneal
LAT/LONG:	32.597462 / 117.031438	INQUIRY #:	6549730.2s
		DATE:	June 24, 2021 5:05 pm

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

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: OLIVENHAIN

Soil Surface Texture: cobbly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
2	9 inches	27 inches	very cobbly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
3	27 inches	44 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1

Soil Map ID: 2

Soil Component Name: SALINAS

Soil Surface Texture: clay 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: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	22 inches	46 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	46 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: OLIVENHAIN

Soil Surface Texture: cobbly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
2	9 inches	42 inches	very cobbly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
3	42 inches	59 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1

Soil Map ID: 4

Soil Component Name: OLIVENHAIN

Soil Surface Texture: cobbly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
2	9 inches	42 inches	very cobbly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
3	42 inches	59 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1

Soil Map ID: 5

Soil Component Name: LINNE

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not 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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	37 inches	40 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not 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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C22	USGS40000129253	1/4 - 1/2 Mile ESE
54	USGS40000129254	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

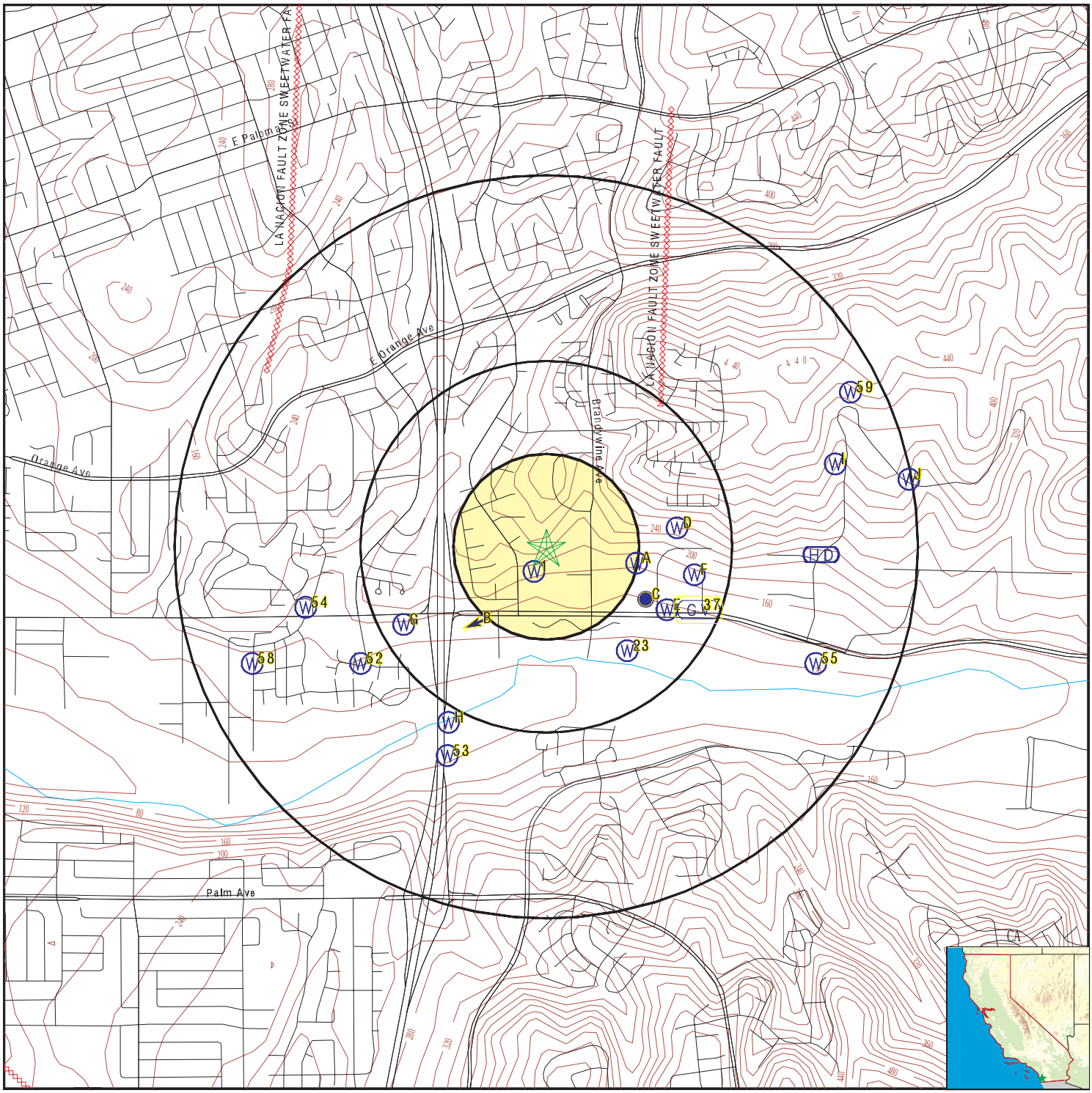
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000037805	0 - 1/8 Mile SSW
A2	CAEDF0000099995	1/8 - 1/4 Mile East
A3	CADWR0000009952	1/8 - 1/4 Mile ESE
A4	CAEDF0000050906	1/8 - 1/4 Mile ESE
A6	CAEDF0000142143	1/4 - 1/2 Mile East
A7	CAEDF0000125503	1/4 - 1/2 Mile East
A8	CAEDF0000089696	1/4 - 1/2 Mile East
A9	CAPFAS000000335	1/4 - 1/2 Mile East
A10	CAPFAS000001664	1/4 - 1/2 Mile East
A11	CAPFAS000001625	1/4 - 1/2 Mile East
B12	CAEDF0000006015	1/4 - 1/2 Mile SW
C13	CAEDF0000088613	1/4 - 1/2 Mile ESE
B14	CAEDF0000114797	1/4 - 1/2 Mile SW
B15	CAEDF0000050936	1/4 - 1/2 Mile SW
B16	CAEDF0000118751	1/4 - 1/2 Mile SW
B17	CAEDF0000072666	1/4 - 1/2 Mile SW
B18	CAEDF0000125091	1/4 - 1/2 Mile SW
B19	CAEDF0000101827	1/4 - 1/2 Mile SW
B20	CAEDF0000057025	1/4 - 1/2 Mile SW
B21	CAEDF0000000262	1/4 - 1/2 Mile SW
23	CAEDF0000074473	1/4 - 1/2 Mile SE
D24	CAEDF0000091397	1/4 - 1/2 Mile East
D25	CAPFAS000001531	1/4 - 1/2 Mile East
E26	CAEDF0000074113	1/4 - 1/2 Mile ESE
E27	CAEDF0000051030	1/4 - 1/2 Mile ESE
E28	CAEDF0000039025	1/4 - 1/2 Mile ESE
F29	CAEDF0000021753	1/4 - 1/2 Mile East
F30	CAEDF0000075105	1/4 - 1/2 Mile ESE
G31	CAEDF0000060146	1/4 - 1/2 Mile WSW
G32	CAEDF0000120370	1/4 - 1/2 Mile WSW
G33	CAEDF0000111236	1/4 - 1/2 Mile WSW
G34	CAEDF0000139557	1/4 - 1/2 Mile WSW
G35	CAEDF0000076400	1/4 - 1/2 Mile WSW
F36	CAEDF0000036580	1/4 - 1/2 Mile East
G38	CAEDF0000108092	1/4 - 1/2 Mile WSW
G39	CAEDF0000003234	1/4 - 1/2 Mile WSW
G40	CAEDF0000046331	1/4 - 1/2 Mile WSW
H41	CAEDF0000061745	1/2 - 1 Mile SSW
H42	CAEDF0000070156	1/2 - 1 Mile SSW
H43	CAEDF0000039261	1/2 - 1 Mile SSW
H44	CAEDF0000000054	1/2 - 1 Mile SSW
H45	CAEDF0000138228	1/2 - 1 Mile SSW
H46	CAEDF0000087277	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H47	CAEDF0000003380	1/2 - 1 Mile SSW
H48	CAEDF0000091663	1/2 - 1 Mile SSW
H49	CAEDF0000140433	1/2 - 1 Mile SSW
H50	CAEDF0000092739	1/2 - 1 Mile SSW
H51	CAEDF0000019439	1/2 - 1 Mile SSW
52	CADWR0000015171	1/2 - 1 Mile WSW
53	CADWR0000031941	1/2 - 1 Mile SSW
55	CADWR0000018742	1/2 - 1 Mile ESE
I56	CAEDF0000098002	1/2 - 1 Mile ENE
I57	CAPFAS000000388	1/2 - 1 Mile ENE
58	CADWR0000005306	1/2 - 1 Mile WSW
59	CAEDF0000114030	1/2 - 1 Mile ENE
J60	CAEDF0000060786	1/2 - 1 Mile East
J61	CAPFAS000001532	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 6549730.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	517 Shinohara Lane	CLIENT:	SCS Engineers
ADDRESS:	517 Shinohara Lane Chula Vista CA 91911	CONTACT:	Allison Oneal
		INQUIRY #:	6549730.2s
LAT/LONG:	32.597462 / 117.031438	DATE:	June 24, 2021 5:05 pm

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
0 - 1/8 Mile
Lower

CA WELLS **CADWR0000037805**

Well ID:	18S01W19D001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	18S01W19D001S	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=18S01W19D001S&store_num=		
GeoTracker Data:	Not Reported		

A2
East
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000099995**

Well ID:	L10003156547-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-19		

A3
ESE
1/8 - 1/4 Mile
Lower

CA WELLS **CADWR0000009952**

Well ID:	18S01W19C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	18S01W19C001S	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=18S01W19C001S&store_num=		
GeoTracker Data:	Not Reported		

A4
ESE
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000050906**

Well ID:	L10003156547-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-18		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
B5 **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9UT1584 WSW 25 35 Not Reported 04/12/1990	**AQUIFLOW**	**33964**

A6
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000142143**

Well ID:	L10003156547-MW-03	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-03		

A7
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000125503**

Well ID:	L10003156547-MW-08	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-08		

A8
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000089696**

Well ID:	L10003156547-MW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-02		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAPFAS000000335**

Well ID:	L10003156547-MW-08	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-08
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-08&store_num=		
GeoTracker Data:	Not Reported		

A10
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAPFAS000001664**

Well ID:	L10003156547-MW-03	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-03
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-03&store_num=		
GeoTracker Data:	Not Reported		

A11
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAPFAS000001625**

Well ID:	L10003156547-MW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-02
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-02&store_num=		
GeoTracker Data:	Not Reported		

B12
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000006015**

Well ID:	T0607367594-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C13
ESE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000088613**

Well ID:	L10003156547-SVGW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	SVGW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=SVGW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=SVGW-10		

B14
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000114797**

Well ID:	T0607367594-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-9		

B15
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000050936**

Well ID:	T0607367594-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-2		

B16
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000118751**

Well ID:	T0607367594-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B17
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000072666**

Well ID:	T0607367594-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-3		

B18
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000125091**

Well ID:	T0607367594-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-7		

B19
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000101827**

Well ID:	T0607367594-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-8		

B20
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000057025**

Well ID:	T0607367594-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B21
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000000262**

Well ID:	T0607367594-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607367594&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607367594&assigned_name=MW-6		

C22
ESE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000129253**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	018S001W19D001S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
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:	19511101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	182
Well Hole Depth Units:	ft		

23
SE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000074473**

Well ID:	L10003156547-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-17		

D24
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000091397**

Well ID:	L10003156547-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=L10003156547&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-13		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D25
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAPFAS000001531**

Well ID:	L10003156547-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-13&store_num=		
GeoTracker Data:	Not Reported		

E26
ESE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000074113**

Well ID:	L10003156547-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-20		

E27
ESE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000051030**

Well ID:	L10003156547-MW-09	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-09		

E28
ESE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000039025**

Well ID:	L10003156547-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F29
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000021753**

Well ID:	L10003156547-MW-21R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-21R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-21R		

F30
ESE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000075105**

Well ID:	L10003156547-MW-01R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-01R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-01R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-01R		

G31
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000060146**

Well ID:	T0607313861-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW-6		

G32
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000120370**

Well ID:	T0607313861-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G33
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000111236**

Well ID:	T0607313861-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW-7		

G34
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000139557**

Well ID:	T0607313861-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW1		

G35
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000076400**

Well ID:	T0607313861-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW5		

F36
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036580**

Well ID:	L10003156547-MW-04	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10003156547&assigned_name=MW-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10003156547&assigned_name=MW-04		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

37
ESE
1/4 - 1/2 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	Varies
Shallow Water Depth:	18
Deep Water Depth:	35
Average Water Depth:	Not Reported
Date:	07/15/1989

AQUIFLOW **34110**

G38
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000108092**

Well ID:	T0607313861-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW3		

G39
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000003234**

Well ID:	T0607313861-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW-8		

G40
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000046331**

Well ID:	T0607313861-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607313861&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607313861&assigned_name=MW2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H41
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061745**

Well ID:	T10000002226-OR-10	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-10		

H42
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070156**

Well ID:	T10000002226-OR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-2		

H43
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000039261**

Well ID:	T10000002226-OR-12	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-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=T10000002226&assigned_name=OR-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-12		

H44
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000054**

Well ID:	T10000002226-OR-4	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H45
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138228**

Well ID:	T10000002226-OR-8	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-8		

H46
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087277**

Well ID:	T10000002226-OR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-1		

H47
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003380**

Well ID:	T10000002226-OR-9	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-9		

H48
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091663**

Well ID:	T10000002226-OR-5	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H49
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000140433**

Well ID:	T10000002226-OR-7	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-7		

H50
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092739**

Well ID:	T10000002226-OR-6	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002226&assigned_name=OR-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-6		

H51
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019439**

Well ID:	T10000002226-OR-11	Well Type:	MONITORING
Source:	EDF	Other Name:	OR-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=T10000002226&assigned_name=OR-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002226&assigned_name=OR-11		

52
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000015171**

Well ID:	18S02W24G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	18S02W24G001S	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=18S02W24G001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

53
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000031941**

Well ID:	18S02W24J001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	18S02W24J001S	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=18S02W24J001S&store_num=		
GeoTracker Data:	Not Reported		

54
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000129254**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	018S002W24C001S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
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:	19960630	Well Depth:	1200
Well Depth Units:	ft	Well Hole Depth:	1420
Well Hole Depth Units:	ft		

55
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000018742**

Well ID:	18S01W19H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	18S01W19H001S	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=18S01W19H001S&store_num=		
GeoTracker Data:	Not Reported		

I56
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098002**

Well ID:	L10009614226-OTGW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	OTGW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009614226&assigned_name=OTGW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009614226&assigned_name=OTGW-25		

Map ID Direction Distance Elevation	Database	EDR ID Number

I57
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAPFAS000000388**

Well ID:	L10009614226-OTGW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	OTGW-25
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009614226&assigned_name=OTGW-25&store_num=		
GeoTracker Data:	Not Reported		

58
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000005306**

Well ID:	18S02W24F001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	18S02W24F001S	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=18S02W24F001S&store_num=		
GeoTracker Data:	Not Reported		

59
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114030**

Well ID:	L10009614226-OTGW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	OTGW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009614226&assigned_name=OTGW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009614226&assigned_name=OTGW-24		

J60
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060786**

Well ID:	L10009614226-OTGW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	OTGW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009614226&assigned_name=OTGW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10009614226&assigned_name=OTGW-17		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
J61 **East** **1/2 - 1 Mile** **Higher**			**CA WELLS**	**CAPFAS000001532**
Well ID:	L10009614226-OTGW-17	Well Type:	MONITORING	
Source:	EDF	Other Name:	OTGW-17	
GAMA PFAS Testing:	Yes			
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10009614226&assigned_name=OTGW-17&store_num=			
GeoTracker Data:	Not Reported			

1G **ESE** **1/4 - 1/2 Mile** **Lower**	Site ID:	Not Reported	**AQUIFLOW**	**34110**
	Groundwater Flow:	Varies		
	Shallow Water Depth:	18		
	Deep Water Depth:	35		
	Average Water Depth:	Not Reported		
	Date:	07/15/1989		

2G **SW** **1/8 - 1/4 Mile** **Lower**	Site ID:	9UT1584	**AQUIFLOW**	**33964**
	Groundwater Flow:	WSW		
	Shallow Water Depth:	25		
	Deep Water Depth:	35		
	Average Water Depth:	Not Reported		
	Date:	04/12/1990		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91911	4	0

Federal EPA Radon Zone for SAN DIEGO County: 3

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 SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
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 Californias 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 Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

© 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.

SANBORN FIRE INSURANCE MAPS
- no coverage letter

517 Shinohara Lane

517 Shinohara Lane

Chula Vista, CA 91911

Inquiry Number: 6549730.3

June 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

06/23/21

Site Name:

517 Shinohara Lane
517 Shinohara Lane
Chula Vista, CA 91911
EDR Inquiry # 6549730.3

Client Name:

SCS Engineers
8799 Balboa Avenue
San Diego, CA 92123
Contact: Allison Oneal

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by SCS Engineers 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 # 2CC8-4E1E-8D57

PO # 517 Shinohara Lane

Project 517 Shinohara Lane

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 #: 2CC8-4E1E-8D57

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

SCS Engineers (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.

CITY DIRECTORIES

517 Shinohara Lane
517 Shinohara Lane
Chula Vista, CA 91911

Inquiry Number: 6549730.5
June 29, 2021

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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 orforecast 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

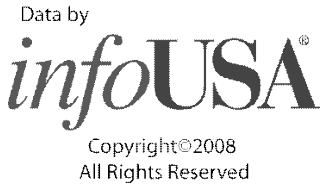
DESCRIPTION

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.



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.

Year	Target Street	Cross Street	Source
2017	☐	☑	EDR Digital Archive
2014	☐	☑	EDR Digital Archive
2010	☐	☑	EDR Digital Archive
2005	☐	☑	EDR Digital Archive
2000	☐	☑	EDR Digital Archive
1995	☐	☑	EDR Digital Archive
1992	☐	☑	EDR Digital Archive
1986	☐	☑	Haines Criss-Cross Directory
1982	☐	☑	Haines Criss-Cross Directory
1979	☐	☑	Haines Criss-Cross Directory
1975	☐	☑	Haines Criss-Cross Directory
1971	☐	☑	Haines Criss-Cross Directory
1965	☐	☑	Polk's City Directory
1960	☐	☑	Polk's City Directory
1955	☐	☐	Polk's City Directory

EXECUTIVE SUMMARY

Year	***Target Street***	***Cross Street***	***Source***

FINDINGS

TARGET PROPERTY STREET

517 Shinohara Lane
Chula Vista, CA 91911

Year	*CD Image*	*Source*	
SHINOHARA LANE			
2017	-	EDR Digital Archive	Target and Adjoining not listed in Source
2014	-	EDR Digital Archive	Target and Adjoining not listed in Source
2010	-	EDR Digital Archive	Target and Adjoining not listed in Source
2005	-	EDR Digital Archive	Target and Adjoining not listed in Source
2000	-	EDR Digital Archive	Target and Adjoining not listed in Source
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1986	-	Haines Criss-Cross Directory	Street not listed in Source
1982	-	Haines Criss-Cross Directory	Street not listed in Source
1979	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source
1971	-	Haines Criss-Cross Directory	Street not listed in Source
1965	-	Polk's City Directory	Street not listed in Source
1960	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
BRANDYWINE AVE			
2017	pg. A1	EDR Digital Archive	
2014	pg. A20	EDR Digital Archive	
2010	pg. A42	EDR Digital Archive	
2005	pg. A65	EDR Digital Archive	
2000	pg. A91	EDR Digital Archive	
1995	pg. A113	EDR Digital Archive	
1992	pg. A132	EDR Digital Archive	
1986	pg. A147	Haines Criss-Cross Directory	
1982	pg. A156	Haines Criss-Cross Directory	
1979	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source
1971	-	Haines Criss-Cross Directory	Street not listed in Source
1965	-	Polk's City Directory	Street not listed in Source
1960	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source
MAIN ST			
2017	pg. A2	EDR Digital Archive	
2014	pg. A22	EDR Digital Archive	
2010	pg. A44	EDR Digital Archive	
2005	pg. A67	EDR Digital Archive	
2000	pg. A93	EDR Digital Archive	
1995	pg. A114	EDR Digital Archive	
1992	pg. A133	EDR Digital Archive	
1986	pg. A148	Haines Criss-Cross Directory	
1986	pg. A149	Haines Criss-Cross Directory	
1982	pg. A157	Haines Criss-Cross Directory	
1982	pg. A158	Haines Criss-Cross Directory	
1979	pg. A165	Haines Criss-Cross Directory	
1979	pg. A166	Haines Criss-Cross Directory	
1975	pg. A173	Haines Criss-Cross Directory	
1971	pg. A181	Haines Criss-Cross Directory	

FINDINGS

Year	CD Image	Source	
1965	-	Polk's City Directory	Street not listed in Source
1960	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source

MENDOCINO DR

2017	pg. A10	EDR Digital Archive	
2014	pg. A31	EDR Digital Archive	
2010	pg. A54	EDR Digital Archive	
2005	pg. A79	EDR Digital Archive	
2000	pg. A103	EDR Digital Archive	
1995	pg. A123	EDR Digital Archive	
1992	pg. A142	EDR Digital Archive	
1986	pg. A150	Haines Criss-Cross Directory	
1986	pg. A151	Haines Criss-Cross Directory	
1982	pg. A159	Haines Criss-Cross Directory	
1982	pg. A160	Haines Criss-Cross Directory	
1979	pg. A167	Haines Criss-Cross Directory	
1979	pg. A168	Haines Criss-Cross Directory	
1975	pg. A174	Haines Criss-Cross Directory	
1975	pg. A175	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source
1965	-	Polk's City Directory	Street not listed in Source
1960	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source

OLEANDER AVE

2017	pg. A14	EDR Digital Archive	
2014	pg. A35	EDR Digital Archive	
2010	pg. A58	EDR Digital Archive	
2005	pg. A84	EDR Digital Archive	
2000	pg. A107	EDR Digital Archive	
1995	pg. A126	EDR Digital Archive	
1992	pg. A143	EDR Digital Archive	
1986	pg. A152	Haines Criss-Cross Directory	
1986	pg. A153	Haines Criss-Cross Directory	
1982	pg. A161	Haines Criss-Cross Directory	

FINDINGS

Year	CD Image	Source	
1982	pg. A162	Haines Criss-Cross Directory	
1979	pg. A169	Haines Criss-Cross Directory	
1979	pg. A170	Haines Criss-Cross Directory	
1975	pg. A176	Haines Criss-Cross Directory	
1975	pg. A177	Haines Criss-Cross Directory	
1975	pg. A178	Haines Criss-Cross Directory	
1971	pg. A182	Haines Criss-Cross Directory	
1965	pg. A185	Polk's City Directory	
1965	pg. A186	Polk's City Directory	
1960	pg. A187	Polk's City Directory	
1960	pg. A188	Polk's City Directory	
1955	-	Polk's City Directory	Street not listed in Source

TANOAK CT

2017	pg. A18	EDR Digital Archive	
2014	pg. A40	EDR Digital Archive	
2010	pg. A63	EDR Digital Archive	
2005	pg. A89	EDR Digital Archive	
2000	pg. A111	EDR Digital Archive	
1995	pg. A130	EDR Digital Archive	
1992	pg. A145	EDR Digital Archive	
1986	pg. A154	Haines Criss-Cross Directory	
1982	pg. A163	Haines Criss-Cross Directory	
1979	pg. A171	Haines Criss-Cross Directory	
1975	pg. A179	Haines Criss-Cross Directory	
1971	pg. A183	Haines Criss-Cross Directory	
1965	-	Polk's City Directory	Street not listed in Source
1960	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source

TIMBER ST

2017	pg. A19	EDR Digital Archive	
2014	pg. A41	EDR Digital Archive	
2010	pg. A64	EDR Digital Archive	
2005	pg. A90	EDR Digital Archive	
2000	pg. A112	EDR Digital Archive	

FINDINGS

Year	***CD Image***	***Source***	
1995	pg. A131	EDR Digital Archive	
1992	pg. A146	EDR Digital Archive	
1986	pg. A155	Haines Criss-Cross Directory	
1982	pg. A164	Haines Criss-Cross Directory	
1979	pg. A172	Haines Criss-Cross Directory	
1975	pg. A180	Haines Criss-Cross Directory	
1971	pg. A184	Haines Criss-Cross Directory	
1965	-	Polk's City Directory	Street not listed in Source
1960	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2017

1481	SOTELO, CELENA
1487	CARREON, DANIEL R
1491	HOLLAND, EDWIN M
1501	ADAMS, LISA M
	MADRIGAL, JESUS
	MCGINNIS, ROBERT M
1505	CASTILLO, VERONICA
	IBANEZ, JOSE J
1655	15 MINUTES LOCKSMITH SERVICE
	BRANDY WINE LIQUOR
	CORZY CORNER PIZZA
	EL PORTAL
	SUPERIOR CUTS BARBERSHOP
1665	ALVARADO, JAIME I
	BELL, KENNETH S
	CHAVARIN, CARLOS
	CORDERO, JOSUE
	DELA, PAZ
	EKSTROM, JASON E
	FLORES, MARISELA
	GAYTAN, ARTURO
	GIMUTAO, FELICIANO M
	GRIMSLEY, EUGENI
	IBARRA, VICTOR
	JUAREZ, DITI
	KHALILZADEH, HASSAN
	PAZ, SORAYA D
	QUILICO, JULIUS P
	ROBLES, TERESA V
	SALAS, BERTHA
	SIMMONS, VANESSA
	WHITE, CLYBE
	WYZYKOWSKI, JAMIE R
	ZAMIR, INBAR
1669	SERCO INC
	THE MOVING CO
	THE MOVING COMPANY
1675	JUMP AROUND NOW
	SUPERIOR POOLS PLUS
1690	LYON ELECTRIC
	LYON USA
	WEBCO HALE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2017

505	NYPRO SAN DIEGO
	NYPRO SAN DIEGO INC
650	ENTERPRISE RENTACAR
	TOYOTA CHULA VISTA
725	LAMB FUELS INC
745	BARBEE
755	INTEGRATED ENERGY TECHNOLOGIES INC
2240	ATLAS BEAUTY DISTRIBUTION
	BIO DENTAL INC
	CV LEGACY INSTRUMENTS
	ESTHERS FRAMING ENTERPRISES
	HSPA SPA SUPPLY DISTRIBUTORS
	K & E HARDWARE
	KING TERMITE CONTROL INC
	MARCES WINDOW COVERINGS & MOTORIZATI
	PARTS & TOOLS
	SOUTH CITY BUSINESS CENTER
	STELO DESIGN
	XPRESS RESTORATION INC
2244	BATTERIES UNLIMITED
	CALIFORNIA MAGNETICS
	GREAT AMERICAN CABINET
	INTER DIESEL
	M B EXPORT & SALES INC
	MARCES WINDOW COVERINGS & MOTORIZATI
	PRAXAIR
	PRAXAIR WELDING GAS & SUPPLY CENTE
	SAN DIEGO DIESEL PARTS & EQUIPMENT
	SAN DIEGO SCIENTIFIC COMPUTER
	SEDA KAYAK & CANOES
	WEENIE Q INC
2248	AMERMEX MANUFACTURING INC
	FURNITURE & SALDOS 4 LESS
	JOB OPTION INC
	MAZZEE INTERNATIONAL
2252	A & M ATHLETICS
	BEST GLASS
	BLUE PLANET DRAINS & PLUMBING INC
	DONATE CONSTRUCTION INC
	O G INSTALLATION SYS
	QUALITY HYDRAULICS SERVICE
	SOUTH CITY BUSINESS CENTER
	WARREN DISTRIBUTING INC
2256	CHALLENGER IMPORT & EXPORT INC
	DOMINGUEZ, ELIA
	GLASS UNLIMITED
	O H E
	SAN DIEGO TIRE SUPPLY
	SUPERIOR ORNAMENTAL SUPPLY INC
	THE LEMUS CORP

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2017 (Cont'd)

2256	WOOD & METAL DESIGNS INC
2260	3 R APPLIANCES
	ANCIRA, TAMALES
	ARCHWOOD
	ATLAS BEAUTY DISTRIBUTION
	EL RUISENOR INC
	ELBECK
	FAS N GO
	I S M AUDIO VIDEO SERVICE
	LEONARD CORDOVA INSURANCE INC
	MINUTEMAN PRESS
	SMART CAR CARE PRODUCTS INC
	TADEO BUSINESS MACHINES
	TAMALES ANCIRA
2317	PUBLIC STORAGE
2350	HERTZ
	HERTZ CAR RENTAL
	NICE & EASY AUTO BODY & PAINT INC
2365	WEST AUTO WRECKERS
2385	SD STORAGE
	STOR EM SELF STORAGE
2400	COMPETITION PARTS WAREHOUSE
2402	PODS
	PODS MOVING & STORAGE
	PODS MOVING & STORAGE OF SAN DIEGO
2445	HANDY MINI STORAGE
2446	BEST BATT RECYCLING & SALES
	BOLTS & NUTS
	M G INDUSTRIAL SUPPLY
	MIKES CARBURETORS
	PRO KAR PRODUCTS
	SOUTH BAY GLASS & SCREEN
	SOUTH BAY GLASS SCREEN
	TILE & STONEFORCE
2462	A OAK LAND CABINETS INC
	QUALITY COAST INC
2471	AMUDANZAS INTERNACIONALES
	AY PROFESSIONAL SERVICES
	HECTORS MARISCOS
	L O V E NTERPRSES
	PROSOLUTION
	VALLEY MEDICAL TRANSPORT
2474	HARDWARE SOLUTIONS
	MYERS TIRE SUPPLY
2488	ALFREDOS UPHOLSTERY
	BERNAL IRON WORKS
	HARDWARE SOLUTIONS
	MARCOS CANOPIES INC
	SAWYER LOCKSMITH SERVICES
	WALTER J LACAYO BUSINESS SERVICES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2017 (Cont'd)

2490	MEXNATURA IMPORTS
	SDI MEDICAL CONSULTANTS
	SDI MOBILE DIAGNOSTICS SERVICES
	SOUND DELUX
2513	POLOS AUTO PAINT SUPPLY
	ROMANS ALIGNMENT SUSPENSION
	ROMANS TRUCK BODY & PAINT
2514	SANTA FE MEATS
2516	S & C FURNITURE
2520	ADT SECURITY SERVICES
	COPE ENTERPRISES
	HAQUERICO CALIFORNIA
	JABAN MUFFLERS
	JUANS AUTO REPAIR INC
	MBL AUTO ELECTRIC
	OSCARS UPHOLSTERY
	TONYS TEST ONLY
2524	LEGENDARY AUTOWORKS
	OSMARK FLORES DBAO OFA
	SAN DIEGO AGGREGAT EQUIPMENT
	TEMPLO DE ALABANZA
2530	ALL PRO AUTO SERVICE
	INTERNATIONAL REBUILT ENGINES
	MERCEDES ENGINE EXCHANGE
	OTAY TEST & REPAIR
	RAFAS AUTO REPAIR
	SANCHEZ AUTO REPAIR
	SCHMITT COMMERCIAL LOCKSMITH
	TORTI FRUIT
	TROPIC CAFE
2540	GARCIAS MEXICAN FOOD
	JAIME & JAIME BOOKKEEPING SERVICE
	JIMS GLASS & SCREEN
	LALO JRS GARAGE
	MAIN STREET SMOG CHECK
	POLLO AMIGO
	SCOTT LOCKOUT SERVICE
	SERVICE LOCKSMITH
2550	PMART
2555	CHULA VISTA MOBILE STORAGE
2560	H & R WROUGHT IRON
	INTERPOINT GROUP
	PERFORMANCE AUTO REPAIR & SMOG
	SD FLOORING & CONSTRUCTION
2578	SUPERIOR AUTOMOTIVE REPAIR
2585	LEAF SALES INC
2586	ALFREDOS UPHOLSTERY
2615	BJS RENTALS
2620	ERNIES AUTO SALES
2638	BOTANICA BRIANAS GIFTS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2017 (Cont'd)

2638	JOSE L GUZMAN DDS DR
	MARISOLS NIGHT CLUB
	MERCURY INSURANCE
	WALTER J LACAYO BUSINESS SERVICES
2648	CORPORATE AMERICA UNIFORM
	DENISE MAROONLOPEZ
	PRISMA CARE
2650	ARIZONA CHINESE RESTAURANT
2665	BJS RENTALS
2667	EDDES TIRES MUFFLER & AUTO CENTER
2677	EDDIES TIRES MUFFLERS & AUTO REPAIR
2744	EDGAR AUTO SALES
	ERNIES AUTO SALES
2756	PENSKE TRUCK RENTAL
2765	LIGNUS INC
	TORTILLERIA SANTA FE
2776	CHULA VISTA SELF STORAGE
	STOR EM SELF STORAGE
2801	BAJA CALIFORNIA CYCLE USA
	HOLLYWOOD GRAPHICS
2817	MILLBROOK BREAD INTERSTATE BRANDS CO
	TONYS TIRES
2820	IMPERIAL VILLA PROPERTIES
	TURF PROS INC
2822	A & D AUTOMOTIVE
2835	WHEEL & TIRE SERVICES INC
	WHEEL DEPOT
2843	ALONSO GRAPHICS
	ALVAREZ, LEO
2847	FRANCISCO, MATIAS
	GASCA, SONIA
	HERNANDEZ, LUIS C
	LAVENANT, BERTHA
	LOPEZ, KATIA H
	SANCHEZ, ANGEL
	SANCHEZ, IVAN
	URIBE, ITZAEL
	VELASQUEZ, AERANCE
2850	MEXAM ENTERPRISES INC
2865	STANDARD KITCHEN & BATH SHOWROOM
2870	KINGDOM CARPET CORPORATION
	SOUTHBAY CARPET DISTRIBUTORS
2887	AGUILAR, RICARDO
	BUCHER, IRMA
	CASTANEDA, HIPOLITO
	CONTRERAS, RAYMUNDO
	FLORES, BLANCA R
	GAMA, ABRAHAM A
	GIL, RENE S
	GONZALEZ, KIMBERLY

MAIN ST 2017 (Cont'd)

2887	HARO, CYNTHIA A
	LAMEDADIAZ, CARLOS L
	MARTINEZ, JESUS
	MEDINA, RAFAEL
	MONTESINOS, ALICIA H
	MOZQUEDA, DULCE L
	MUNOZ, ROMERO
	OROZCO, DAVID
	PINTO, BRIAN J
	RUBIO, VERONICA
	VELARDE, CESAR L
	VILLAESCUSA, ARCELIA C
2906	MCCLELLAND, MICHAEL J
2910	J R AUTO SALES
2944	HARRELL, ROGER
2948	RODRIGUEZ, GUSTAVO
2974	HENRIQUEZ, ANTONIO
2976	GOMEZ, HILARIA
	SALCIDO, JAIME E
2980	HERRERA, ELIZABETH
3008	OVER THE BORDER
3031	APPLE GLASS
	CAR CARE
	LEDEZMA TIRES
	MARISCOS AL PRIETO
	NEW AUTO CUSTOMS
	T100 AUTO REPAIR
3044	GUZMAN, ANDRIAN
3046	GONZALEZ, HERMELINDA G
3048	CUEVAS, JOE P
3050	GARCIA, MARIA E
3080	SWANSON, ANTHONY J
3084	SOUTH BAY FENCE
	SOUTH BAY FENCE CO
3089	SECURITY FIRST SELF STORAGE
	STAXUP STORAGE CHULA VISTA
	UHAUL
3120	SEAFOOD BAR MARISCOS LA CACHO
3121	FURNITURE & MATTRESS WAREHOUSE
	MASK U S
	THE MATTSON COMPANY
	WORLD OF POTTERY A
3129	BELLAMA CUSTOM METAL FABRICATION IN
3134	GALLEGOS REYNOS O CHIROPRA
3136	HOSPITAL EQUIPMENT
	SAN DIEGO ORTHOPEDIC
3141	SMART & FINAL
3150	ARIZALA, LARRY G
3151	MIKES RECYCLING
3154	AUTOMATIC INSURANCE SERVICES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2017 (Cont'd)

3164	THOMSON, MICHAEL R
3187	UNITED STRUCTURAL STEEL
3189	BOBAR LIQUOR
3190	TOP CHULA VISTA GATE REPAIR SERVICES
3205	ALLEN GAS
3211	PACIFIC TOWING
3218	CRICKET AUTHORIZED AGENT
	LOMAS CAFE
	MANS CAVE
	TERES HAIR STYLES
3232	LEDEZMA MUFFLERS & ALIGNMENT
	LEDEZMA TIRES
3236	F & V AUTO REPAIR
	HERNANDEZ TIRE SALES
3261	CERRITOS TIRE SHOP
3278	BARRIOS, REYES
3303	AIRGAS
3308	MONTIJO, SENOR E
3311	ALL STAR GLASS
	SAN DIEGO SMOG BRAKE & LIGHTS
3316	GARCIA, JOEL V
3326	KENNETH E HERRON DVM
	THE PET CLINIC
3333	BNK WHOLESALE INC
	EL SOL INDUSTRIES
3342	ARROYO, ROSA M
3344	EL RANCHERO TACO SHOP
3406	GARCIA, MARICELA
3416	RENTERIA, JOSE
3434	PEREZ, RALPH J
3441	CENTERPOINTE CHURCH
	COPY LINK INC
	IGLESIA FAMILIA
3444	ALL CITY GLASS & SCREEN
3451	ALLAN COPLEY DESIGNS
	DSTYLE INC
	HD SUPPLY
	RAINBOW STONE CHULA VISTA
	WEST JACK CNC
3452	CORRAL, RAFAEL E
3460	ALVAREZ, VICTORIA S
3461	HEARTLAND MEAT CO
3468	AMERICAN PARTS
3470	GONZALEZ, JEANETTE
3480	DELGADO, JOSE
3487	ABRE ENTERPRISES
	ABRE TOWING
	ESPARZA TIRES 4 LESS
	PAXTON TOWING
	SKEETERS SPORTS & IMPORTS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2017 (Cont'd)

3489	SPEEDYS TOWING
3490	MOTTA, ANA M
3494	B A RAMIREZ & SONS ORNAMENTAL IRON W
	BA RAMIREZ & SONS ORNAMENTAL FROM
3513	MEZA PAINT
	MICRO PC OUTLET
	SO CAL FLOORING CARPET & TILE
3515	FOOT POINT
	HAMILTON MEATS & PROVISIONS INC
	HAMILTON, M
	SHOEMAGOO LLC
	SOUTH FRAMES INC
3517	CALIFORNIA HARDCOATING CO
	COPELAND ENGINEERING INC
	NOW SURFACING INC
	SIR SPEEDY PRINT SIGNS MARKETING
3519	OFFICE 2000
	RASIX COMPUTER CENTER INC OFFICE 200
3521	DAVINCI METAL ART
	EBIKE4FUN
	HIKAM AMERICAN INC
	R & M MANUFACTURING
	SANTOZ, MARIO
3523	ADVANCED MACHINING SOLUTIONS
	NEXT DAY PRINTED TEES
3554	CITY OF CHULA VISTA
3610	MOISER
3631	TITOS AUTO CENTER
3645	P B AUTO SERVICES
3648	3L DATA INC
3650	TRILLIUM
3679	ECONOMY UPHOLSTERY
3712	PENSKE TRUCK RENTAL
	SAVON STORAGE
3730	SUMMIT EQUIPMENT RENTALS
3733	LAMEDIA OPERATING
	MATSA LOCKSMITH
3740	COLLISION PARTS WAREHOUSE
3755	HILLTOP MAIN SELF STORAGE
3800	4T LABELS INC
	COLUMBIA WHOLESALERS
	REEF & REPTILE COMPANY
	TOTAL SHIELD SECURITY ARMORED INC
	UNITED TIRE CENTERS
3802	CPM ELECTRONICS
	CUSTOM DOORS & MOLDING
	DAN THE VACUUM MAN
	PROJECT MEXICO
	SOUTHBAY VACUUM
3804	JDM OF SAN DIEGO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2017 (Cont'd)

3804	PREMIUM NUT
	UNITED TIRE CENTERS LLC
3817	J & W REDWOOD LUMBER
3885	SENTRY STORAGE SOLUTIONS
3905	FONSECA, GUSTAVO
3917	DREU, MANUEL J
3925	MERCADO, JESSICA
3968	ARMENTA, ORLANDO
	NAVARRO, ALFREDO C
	TOVAR, MARTHA C
3978	MACIAS, JESUS H
3988	CROSBY, WILLIAM J
3992	SOTO, SERGIO
3998	BROWN, LINDA L
4030	HUERTA, GILBERTO E
4031	MONTOYA, NORMA A
4032	COVARRUVIAS, LUIS E
4037	BROUSSARD, PHILLIP A
4043	PANGASINAN, BEATRIZ G
4052	TRAYLOR, PATRICIA A
4054	MARTINEZ, JUAN C
4067	GUTIERREZ, ANGELICA
4081	RODRIGUEZ, CHRISTOPHER
4087	MARIOS MOBILE TRUCK BODY REPAIR
	OSORIO, YESENIA
4104	MACIAS, ROSAMARIE
4112	CHISHOLM, JACQUELINE R
4300	REDBOX
4340	ASADA TACO SHOP
4360	99 CENT ONLY STORES
	BOOST MOBILE
	EL DORADO CLEANERS & LAUNDRY
	ELITE NAILS & SPA
	FIESTA PLAZA INC
	HAIR ADDICTIONS
	LANGFORD CHIROPRACTIC
	NATUDRAPMEX LLC
	PALM RIDGE GROOMING GALLERY
4380	BOBAR LIQUOR 5
	PALM RIDGE GROOMING GALLERY
	SHARP BARBER SHOP
4430	76
	NORTH COUNTY AUTO CENTER
4450	BEST WESTERN PLUS OTAY VALLEY
	WINDSHIELD REPLACEMENT ON SITE
4555	SHELL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2017

1555 ACEVEDO, JOSE M
BRATTEN, GEORGE W
BURNS, JUDITH E
CAMPOS, SALVADOR R
CISNEROS, HECTOR T
COOK, STEVEN T
DAVENPORT, LAURA
ELUERE, MELBA P
FUENTES, MINA
FULGHAM, OCTAVIA L
GASTELUM, YVONNE A
GUERRERO, RAFAEL
HERAZ, SANDRA G
HOLMES, CHARLES S
JACOBO, JOSE R
KASATY, ERIC R
LANDEROS, EFREN M
LOPEZ, JACQUELINE
MARTINEZ, AGUILA
MCQUIEN, LINDSAY A
OROZCO, TONYA
RIVERA, ERNESTINA
ROSALES, OSCAR B
SEPULVEDA, SANDRA I
VALENZUELA, ELSA P
VIDRIO, MARTIN
WITT, ELIZABETH

1565 AGUILAR, EVERARDO V
ALABY, JACQUES J
BROTSCHI, MARC L
CEBALLOS, ISABEL P
ESPINOZA, ISMAEL
FLETCHER, MIKE
GARCIA, FRANCISCO X
GUITERREZ, MARIA
GUTIERREZ, LUIS A
MARTINEZ, MARTIN
MERAUX, HECTOR M
MERAUX, NORMA
MEZA, CLARA I
NOEL, RONALD F
ORTIZ, RUBI
RAMIREZ, MARTHA
RANGEL, ROSANGEL
RUVALCABA, CHRISTIAN
SANTOS, JOSEPHINE P
SHILLING, CHRIST L
ZERMENO, CARLOS F

1575 AGUIRRE, DAVID S
ALCANTARA, MORGANA

MENDOCINO DR 2017 (Cont'd)

1575 ALMEIDA, LUIS A
ARRIAGA, GLORIA
CUELLAR, OFELIA M
DIAZ, ARIEL
GALINDO, FIDEL
GILBERT, JAZZMINE
GOMEZ, JOSE Z
GRIJALVA, CLAUDIA L
HERNANDEZ, LISA J
LEVERTON, LEWIS L
LOPEZ, JESUS
MACHADO, OMAR G
MACIAS, JESUS
MANJARREZ, KALEEB
ORNELAS, ALEJANDRO
ORNELAS, MARIBEL
PANTOJA, DAVID
RANKIN, LANISHA R
RODRIGUE, SERGIO
SANCHEZ, RUBEN D
VELASCO, SEBASTIAN
YESCAS, RAUL F

1580 AGUILERA, GABRIEL R
AGUNDEZ, CLAUDIA
ARAGON, LACINDA
AVEDOY, SAMANTHA L
BETANCOURT, JORGE H
BLANCO, ARMIN M
BOTLEY, DANGELO
BRAISTED, DANIEL G
BROWN, MARIAM D
CARRILLO, JAMES A
CARRIZOSA, CECILIA
CASTRO, A
CASTRO, FILIBERTO
CONTRERAS, VANESSA S
DECRUZ, MARIA G
DELASIERRA, ANDRES D
DOMINGUEZ, CRUZ
ESPENOZA, SYLVIA
FERREIRA, RUBEN R
FUENTES, SAMUEL
GALINDO, PEREGRINA R
GARCIA, NELSON M
GATELUM, CESAR J
GOMEZ, GILBERTO L
GOMEZ, SERGIO
GONZALEZ, DANIEL
GONZALEZ, MALY
GONZALEZ, PEDRO Z

MENDOCINO DR 2017 (Cont'd)

1580 GONZALEZ, ROSALINDA S
HARO, JANNET
HARP, HAROLD
HARP, MELINDA
HENSON, O
IBARRA, AURISTELA I
INIGUEZ, FRANCISCO R
JARA, EMILIA
LEON, JESUS J
MANABAT, JHON P
MARTIN, JULIO C
MCINTYRE, STEPHEN S
MEDINA, JOSE M
MENDOZA, ANDRES
MERDAZ, RAYMUNDO
MEZA-NAVARRO, DIEGO R
MOODY, KAZUKO N
NAVARRO, ROSA
NERI, FRANCISCO A
NINO, MARTHA L
PEREZ, FRANCISCO C
QUIJAS, ELIASIN J
RICCI, JOYCE E
RIOS, ABIGAIL R
RIVERA, ROMAN
RODRIGUEZ, BRYAN
RODRIGUEZ, JORGE
RODRIGUEZ, MARTHA
ROJAS, EDUARDO
RUIZ, BRITTNI R
SANCHEZ, JAVIER
SANTILLAN, BENJAMIN C
SCRUGGS, HOLLIS A
SEIM, WAYNE A
STILLS, SHERANDA
STOKES, BRADLEY
UVINA, DAVID
VALDEZ, CESAR C
VILLATORO, ALFREDO
WILLIAMS, CAROL
YOUSIF, JOSEPH

1585 ALEXANDER, DANIEL R
ALVARADO, MARIO L
ALVARADO, MARIO M
BRAMBILA, IVAN D
CONTRERAS, MARTHA L
DELOSSANTOS, DANIEL
DIAZ, JUAN C
DURAN, SARA
MARTINKA, MICHAEL G

MENDOCINO DR 2017 (Cont'd)

1585 NICHOLS, SHAUNA L
OJEDA, GUADALUPE
PAUL, SANDRA
ROBLEDO, DANIEL U
SANCHEZ, PEDRO A
SEGURA, JOSE H
TIMM, GARY P
VERDIN, OMAR
VILLASANA, LIZETTE
WHITE, RONALD G

1595 ADAMS, DAVID M
ALMAGUER, DEMETRIO
AMAYA, ELISE
BREIT, BROOKE
BREITFELDER, LARRY J
CABRAL, MAGGIEMAE B
CARPIO, MARIA
CIASNEROS, MARTHA
COLLIER, MILTON E
DAVIS, REGEIE
ESCALANTE, MIGUEL O
EWING, TIMOTHY M
FISHER, ZEPHYRA
FURRIEL, NORMA
GARCIA, JOSE L
GRACE, MICHAEL E
GUTIERREZ, JUAN
HAMLETT, SANDRA P
LABOR, VERNA B
LEPKOWSKI, BRANDON
LIZARRAGA, IGNACIO G
LOPEZ, FRANCISCO G
MADRIGAL, OSCAR
MAINS, ROBERT A
MARROQUIN, CLAUDIA L
MATA, CONCEPCION G
MAYA, CRUZ M
PRECIADO, VICTOR M
RIKARD, SYLVIA E
ROBLEDO, JUAN F
ROHLMEIER, CECILIA
ROMO, MARTHA A
SCARAFIOTTI, FRED J
SCHWARTZ, KENNETH R
SCOTT, TIFFANY L
VONG, PEO V
WERNER, HARALD H

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2017

991	REYES, GABRIEL R
995	FLORES, GUILLERMO
999	MOWERY, GARY L
1004	CONNOLE, DENNIS L
1005	ONTIVEROS, GERMAN
1008	CASTANEDA, HONORIO
1010	CUELLAR-ESCOBED, ALEJANDRO
1014	ZAZUETA, FRANCISCO F
1019	SAMANIEGO, MARTHA V
1029	BEDDOES, DAVID M
1033	METZ, DONALD R
1036	ALVAREZ, MARIA D
1037	TRAMMELL, TANNER J
1042	PIMENTEL, AGUSTIN
1043	CASAS, EMMA
1048	MURRAY, WALTER L
1051	PAYNE, GUILLERMO A
1060	CHAVEZ, JOSE
1061	DUFF, KELLY R
1065	PAEZ, RONALD G
1071	ELIZALDA, RICHARD L
1072	JI, YAN
1075	PATTERSON, FRED A
1081	GONZALES, JOSE R
	HOUSEHOLD OF FAITH BOARD & CARE
1085	BAIER, ALAN A
1090	CARTER, DARNELL
1091	WEBB, JANICE T
1096	SCHILLER, ROBERT
1097	FRISON, BERNARD D
1102	NIEBLA, GINA M
1106	MARTINEZ, TERRIE L
1112	FLEMING, ERIC A
1124	CANEDO, ALBERTO
1128	MONTES, ENCARNAC
1132	JEHOVA, MI
1138	COPELAND, A
1142	STILES, MARY F
1148	ALEJANDRO, LUIS C
1152	MENDOZA, DAVID
1158	NEEDHAM, RICHARD C
1162	POLLARD, TIM N
1172	ROGERS, JUNE C
1178	BINDER, DOROTHY I
1188	DRESCHER, GEORGE G
1220	NELSON, ALEX
1228	BRZEZINSKI, LEONARD R
1236	PHAM, SANG V
1244	FORBES, CHARLYNN
1262	MUCK, WILLIAM H

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2017 (Cont'd)

1270 GOODWIN, JONNA
1286 LOPEZ, LUIS E
1294 COPE, JOHN
1301 BOYS & GIRLS CLUBS OF AMERICA
1302 MORALES, VIVIANO R
1312 GALLAGHER, TIMOTHY E
1322 MARCIAL, JOSE A
1332 LEDESMA, ROBERT W
1342 PRESTON, RAQUEL P
1374 CHRISTENSEN, PHIL A
1383 OLLIER, DONALD O
1388 VANZUIDEN, EVERETT E
1389 MORRIS, ISMAEL M
1392 DECKER, JASON M
1398 PEER, JOSEPH R
1400 GONZALEZ, FRANCISCO H
1402 MUNOZ, MANUEL D
1404 HUNTER, WILMA E
1406 ALTAWIL, WALID
1407 SAMUDIO, DAVID D
1408 DIMASE, FRANCIS J
1409 VALDEZ, EMMA M
1413 CENTENO, INES C
1415 CHANG, HARRY H
1417 CANIZALEZ, ROCIA A
1418 STEVENS, EUGENE R
1419 ADAME, DAVID J
1420 BARRAGAN, RICARDO H
1421 CORTEZ, VICTOR
1422 GUTIERREZ, DAVID
1423 QUINTANILLA, JAVIER D
1424 BECERRIL, JESUS A
1425 BYERS, RANDALL H
1426 ROMERO, VIANNA
1427 GARCIA, TOMAS A
1428 DELAROSA, DAVID
1429 ALVARADO, MAYRA A
1430 BUTLER, KAITLIN
1431 DECASTRO, MERCEDES
1432 RAMIREZ, ALFREDO T
1433 ERICKSON, ANTONE W
1437 ROSS, SHERRIE A
1443 SENIOR, JOHN T
1453 GARCIA, JOSE L
1463 LUQUIN, JORGE J
1467 CAMACHO, IRMA
1485 STALLINGS, TED F
1489 MATOS, ANGEL
1493 CASTRO, JAMES A
1502 NIETO, ZENAIDA S

OLEANDER AVE 2017 (Cont'd)

1503	WHITE, BRIANA
1504	UDELL, JACOB
1505	VELASQUEZ, GABREAL M
1506	GOLDEN, LISA J
1507	GAMBLE, HENRY M
1508	PALENCIA, MAX P
1509	CHEEK, MAURICE R
1511	JODZIO, SCOTT M
1512	GONZALEZ, RICARDO
1514	WEBER, JOE L
1516	SORIA, JAVIER W
1518	CARSON, DENNIS P
1522	SMITH, ASHLEY N
1523	YANKAJTIS, CHRIS D
1526	CARRERA, CARLOS
1527	ANGUIANO, JOSE
1528	FLORES, ANGEL F
1529	LEWIS, PAUL
1530	CORDERO, ALVARO L
1531	ROBERTS, LEON M
1532	SMITH, KYLE E
1533	GERBELLA, DAVID
1534	MURRAY, CHARLES S
1535	EUSTAQUIO, DAVID
1536	SHIVERS, JUDITH A
1538	LOZA, RAMIRO G
1539	MORA, JOSE L
1541	HAMILTON, MIKE M
1542	GAMEZ, MARIBEL
1543	RUBIC, LARRY B
1544	DOSS, JOHN L
1545	CASTILLO, AMADEO L
1546	DOMINGUEZ, LUCIANO
1547	CANTALUPI, JAMES T
1548	TOLMENERO, BEATRIZ
1549	ARRECHEA, GEORGE N
1550	GUDINO, JOE B
1553	RAYBURN, SANDRA L
1554	ROMERI, VINCE H
1555	LOPEZ, ANDREY A
1556	DORAN, MICHAEL W
1557	STUART, PETER D
1558	MCANELLY, ROBERT L
1559	MYERS, BARBARA L
1560	SPILLANE, JERALD P
1561	GUIANAN, DON B
1562	MIRELES, BERTHA M
1563	ACEVEDO, CARLOS E
1564	GOMES, JULIA E
1565	FINN, O

OLEANDER AVE 2017 (Cont'd)

1566	ORTEGA, ANTONIO
1568	BARRANCO, CARLOS E
1571	DENNIS, WALTER E
1577	SWARTS, DAVID N
1580	ONTIVEROS, JESUS
1581	TINGZON, MILO D
1587	RUSSELL, ANTHONY W
1591	BALANAY, ZACHARY
1595	MONTALVO, JUAN A
1608	MACIAS, ADRIAN
1612	CARLON, JORGE
1616	BRONNER, CHARLES F
1620	KOPACZEWSKI, KEN J
1621	HERNANDEZ, RAMIRO
1624	ROMERO, ROBERTO C
1627	SALAZAR, TIMOTHY J
1628	HENNING, MICHAEL V
1632	REYCASA, FRANCISCO A
1633	SITTS, ROBERT
1636	HERNANDEZ, ENRIQUE G
1637	RUSS, LAURA A
1640	MARTINEZ, VICTORIA D
1644	HOFFMANN, ROBERT W
1648	GALLAGHER, ANTHONY
1649	HUNT, JOAN E
1651	RODRIGUEZ, JOSEPH R
1652	BINER, MARK F
1656	ARMER, VICKY M
1657	LUCERO, CRUZ A
1660	MCVEY, GARRETT L
1661	ANDERSON, JOHN M
1664	GILBERT, LORETO
1665	OBRIST, WILLIAM A
1668	SMITH, DANA P
1669	VASQUEZ, DAVID G
1672	COVARRUBIAS, LEONARDO J
1673	VENTURA, JESUS
1676	GILBERT, DUANE A
1677	SALAS, BERENICE
1681	WOODHOUSE, DONALD C
1689	GARCIA, ERIC A
1693	COVARRUBIAS, CHRISTINA C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TANOAK CT 2017

510	AKERS, THERESA J
511	MARTINEZ, EZEQUIEL P
513	PUENTES, DANIEL
514	MARQUEZ, EDWARD
515	ROMIO, RICHARD J

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TIMBER ST 2017

503	RODRIGUEZ, KARINA
505	LASKA, ROBERT D
507	DIAZ-LOPEZ, JOSE R
508	VALENZUELA, MARIA
509	IBARRA, SALVADOR R
510	BOYLE, KEVIN G
511	GUERRA, MARTIN S
512	ORTIZ, JOSE M
513	CRUZ, ANTOINETTE C
515	KNEPPER, JASON R
516	ESCAMILLA, RAUL
517	DELEON, EDUARDO Y

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2014

1487	OCCUPANT UNKNOWN,
1491	HOLLAND, EDWIN M
1501	ADAMS, LISA M
	DOLORES, ALMA R
	MCGINNIS, ROBERT M
	VITELA, ALBERTO H
1505	ASHCRAFT, TERRY
	GUTIERREZ, DANIEL R
	MEJIA, YULY C
	MORENO, JOSEPH M
1655	BRANDY WINE LIQUOR
	CORZY CORNER PIZZA
	EL PORTAL
	SUPERIOR CUTS BARBERSHOP
	YOUSIF, SULAIK T
1665	AKERLUNDH, GERARDO
	ALVARADO, JAIME I
	BELL, KENNETH S
	BIRT, TERRY
	BOLIN, RICHARD R
	CARO, MARIA
	CHAVARIN, CARLOS
	CORTEZ, JESUS A
	CRUZ, D
	FLORES, MARISELA
	GARCIA, DARWIN L
	GIMUTAO, FELICIANO M
	GRIMSLEY, EUGENI
	GUERRA, SARA P
	HERNANDEZ, GERONIMO
	IBARRA, VICTOR
	KHALILZADEH, HASSAN
	LOPEZ, SHAUNA
	MACASIEB, ANA A
	MARTINEZ, ROSA I
	MENDEZ, LUIS M
	NAVARRETE, JESUS
	PAULTRE, SUZANNE V
	RA SNYDER PROPERTIES
	RAMOS, ROSA
	RINGDAHL, ROBERT A
	ROBLES, TERESA V
	RODRIGUEZ, ENRIQUE
	ROMERO, JESUS
	ROSAS, MARIA
	SERRANO, MARGARITA
	SODERBERY, FLORA
	SOLIVEN, GINA
	TORRES, NELSON
	VELASQUEZ, BRIGITTE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2014 (Cont'd)

1665	ZAMORA, FEDERIC
1669	MOVING CO THE
	SERCO INC
	THE MOVING COMPANY
	THE MOVING COMPANY INC
1670	ICORE
	USA DISCOUNTERS
	WALMART
1675	CONFERENCE SERVICES INTERNATIONAL
	DRESSER RAND
	JUMP AROUND NOW
	SKYNET WIRELESS INC
1690	BEE INTERNATIONAL
	WEBCO HALE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2014

505	NYPRO SAN DIEGO
	NYPRO SAN DIEGO INC
650	ENTERPRISE
725	LAMB FUELS INC
745	ACUA
	SWEET SPECIALTIES INC
2240	BIO DENTAL INC
	CARLOS E SAENZ CABINET
	CEWESTERN TACK INC
	CV LEGACY INSTRUMENTS
	ESTHERS FRAMING ENTERPRISES
	HSPA SPA SUPPLY DISTRIBUTORS
	KING TERMITE CONTROL
	MCCLAY MICKEY
	OFFICE SYSTEMS INSTALLATIONS
	RAUL LEATHER SHOP
	RAWHIDE DISTRIBUTORS
	REPACBAGS
	RPM TRUCK PARTS
	SOUTH CITY BUSINESS CENTER
	STELO DESIGN
	WEST COAST AUDIO VIDEO
2244	BATTERIES UNLIMITED
	CALIFORNIA MAGNETICS
	GREAT AMERICA CABINET
	INTER DIESEL
	M B EXPORT & SALES INC
	MARCES WINDOW COVERINGS & MOTORIZATI
	PRAXAIR
	SAN DIEGO DIESEL PARTS & EQUIPMENT
	SEDA KAYAKS & CANOES
	WEENIE Q INC
2248	AKER LEATHER PRODUCTS
	ELITE FURNITURE FOR LESS
	FURNITURE & SALDOS 4 LESS
	JOB OPTION INC
	MARIND INCORPORATED
	MAZ ZEE INTERNATIONAL
2252	BAJA PUMP USA
	BEST GLASS
	O G INSTALLATION
	PALACIOS CUSTOM IRON WORKS
	SOUTH BAY UPHOLSTERY
	TETRAHEDRON ASSOC
2256	A & E SPORTPRINTS
	GLASS UNLIMITED
	ILO DISTRIBUTIONS
	LEMUS CORP THE
	OHE
	RILCO HEALTHCARE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2014 (Cont'd)

2256	SMART CAR CARE PRODUCTS INC
	SUPERIOR ORNAMENTAL SUPPLY INC
	WOOD & METAL DESIGNS INC
2260	3 R APPLIANCES
	AMERICAN TAX
	ANCIRA TAMALES
	ARCHWOOD
	ATLAS BEAUTY DISTRIBUTION
	AUDIO KLIMAX
	EL RUISENOR INC
	FAS N GO
	I S M AUDIO VIDEO SERVICE
	LEONARD CORDOVA INSURANCE INC
	MINUTEMAN PRESS
	ROMMYS KITCHEN
	TADEO WHOLESALE BUSINESS MACHINES
	TAMALES ANCIRA
	TANG SOO DO KARATE INSTITUTE
2317	PUBLIC STORAGE
2320	INTEGRATED MARINE
2350	HERTZ RENTACAR
	HOUSE OF WHEELS
	NICE & EAST AUTO BODY SHOP
2365	WEST AUTO WRECKERS
2385	SD STORAGE
2400	COMPETITION PARTS WAREHOUSE
2445	HANDY MINI STORAGE
2446	ABC TEST ONLY
	BEST BATT RECYCLING & SALES
	BOLTS & NUTS
	GNATURA USA INC
	HARDWARE SOLUTIONS
	L C TURBO
	MIKES CARBURETORS
	PRO KAR PRODUCTS
	REDLINE SMOG
	SOUTHBAY HARDWARE & PACKAGING
	SOUTHBAY TUNING AUTOMOTIVE REPAIR
	TILE & STONEFORCE
2462	A OAK LAND CABINETS INC
	QUALITY COAST INC
2465	GROUPO DESPERTAR RECUPERACION DE ALC
2471	A MUDANZAS INTERNACIONALES
	CENTENNIAL HOMES
	EASY ACCESS GARAGE DOORS
	PLASTIC BONDING EQUIPMENT
	RH INTERIORS
	VALLEY MEDICAL TRANSPORT
2474	MYERS TIRE SUPPLY
	OROZCO, FRANCISCO J

MAIN ST 2014 (Cont'd)

2488	BERNAL IRON WORKS
	LIFE TIME CUSTOM PAINTING
	MARCOS CANOPIES INC
	RIBER INDUSTRIAL
2489	FREEBY SIGNS
2490	PULIDO, JESUS
	SDI MEDICAL CONSULTANTS
	SOUND DELUX
2513	POLOS AUTO PAINT SUPPLY
	ROMANS ALIGNMENT SUSPENSION
	ROMANS TRUCK BODY & PAINT
2514	SF MEATS
2516	S & C FURNITURE
2520	187 MOTO
	ADT SECURITY SERVICES
	COPE ENTERPRISES
	HAQUERICO CALIFORNIA
	JABAN MUFFLERS
	JUANS AUTO REPAIR INC
	MBL AUTO ELECTRIC
	OSCARS UPHOLSTERY
	R & J AUTO REPAIR
	TONYS TEST ONLY
2524	OSMARK FLORES DBAO OFA
	PC RAM
	SAN DIEGO AGGREGAT EQUIPMENT
	TEMPLO DE ALABANZA
2528	VINTAGE ERA GARAGE
2530	AALL PRO AUTO & TRUCK SERVICE
	CRAZY GUYS COMMUNICATIONS
	EURO SPECIALTIES
	MACHINERY EXPRESS
	MERCEDES ENGINE EXCHANGE
	OTAY TEST & REPAIR
	PRECISION AUTO ELECTRIC
	SANCHEZ AUTO REPAIR
2540	GARCIAS MEXICAN FOOD
	IGLESIA CRISTIANA EL ALFARERO
	JAIME & JAIME
	JIMS GLASS & SCREEN
	LU XUEMIN
	POLLO AMIGO NO 1
	SERVICE LOCKSMITH
2555	CHULA VISTA MOBILE STORAGE
	CONVENIENT MOBILE STORAGE
	CORONADO MOBILE STORAGE
2560	H & M WROUGHT IRON
	INTERPOINT GROUP
	SAN DIEGO FLOOR DESIGN INCORP
2565	JUAREZ, MARIANA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2014 (Cont'd)

2578	SUPERIOR AUTOMOTIVE REPAIR
2585	LEAF SALES INC
2586	ALFREDOS UPHOLSTERY
2615	ALLIED BUILDING PRODUCTS
	BJS RENTALS
2620	ERNIES AUTO SALES
2638	AAM IMMIGRATION
	BOTANICA BRIANAS GIFTS
	GUZMAN JOSE L DDS DR
	M & I PRINT
	MARIA RUBIO
	MARISOLS NIGHT CLUB
	MERCURY INSURANCE
2648	ADVANCED THERAPY SERVICES
	CORPORATE AMERICA UNIFORM
	DENISE MAROONLOPEZ
	PRISMA CARE
2650	ARIZONA CHINESE RESTAURANT
2677	EDDIES TIRES MUFFLERS & AUTO REPAIR
2744	EDGAR AUTO SALES
	ERNIES AUTO SALES
2756	BIMBO BAKERIES USA
	HOLSUM BAKERY
2765	CLOSEOUTSTORE CHULA VISTA INC
	GOING OUT INC
	TORTILLERIA SANTA FE
2776	CHULA VISTA SELF STORAGE
	SD STORAGE
2800	VIVIANO, MARIA
2801	BAJA CALIFORNIA CYCLE USA
	F & V AUTO REPAIR
2817	CHULA VISTA RECYCLING
	MILLBROOK BREADINTERSTATE BRANDS CO
	WEBER BAKING CO
2820	IMPERIAL VILLA PROPERTIES
	TURF PROS INC
2822	A & D AUTOMOTIVE
2826	GESTE, CHARLOTTE
2830	MANUEL J MARTINEZ
2835	WHEEL DEPOT
2843	ALVAREZ, LEO
	TONYS RADIATORS
2847	ALVAREZ, RUBY
	CERVANTES, ISAMAR
	FIGUERO, BERNARD
	GARCIA, GUSTAVO
	GASCA, SONIA
	HERNANDEZ, LUIS C
	LAVENANT, BERTHA
	MAGALLON, GUADALUPE P

MAIN ST 2014 (Cont'd)

2847	SANCHEZ, VELIA
	SOLORZANO, RUBEN D
	URIBE, NOE
2850	MEXAM ENTERPRISES INC
2856	DESIGN SQUARE INC
2865	STANDARD PLUMBING SUPPLY CO
2870	KINGDOM CARPET CORPORATION
	SOUTHBAY CARPET DISTRIBUTORS
2887	BANCO, GREGORIO
	CAMPOS, RUBEN
	CASAREZ, CLAUDIA
	CONTRERAS, RAYMUNDO
	CRUGER, J
	DEIS, CLAUDIA
	DELGADO, JUAN
	DUENAS, MANUEL
	ENRIQUEZ, MELISA
	FLORES, BLANCA R
	HERNANDEZ, GUADALUPE
	LOPEZ, NOHE A
	LUIS, SAAVEDRA
	MALDONADO, ADA
	MARIA, BERNAL
	MARTINEZ, JESUS
	MEDINA, RAFAEL
	MOZQUEDA, DULCE L
	OCHOA, ALEJANDRIN
	OROZCO, DAVID
	PINTO, BRIAN J
	RIVAS, FERNANDO
	RUBIO, VERONICA
	TELLEZ, ALMA A
	VELARDE, CESAR L
	VILLAESCUSA, ARCELIA C
	ZARAGOZA, CARLOS
2902	TIBURCIO, ERENDIRA
2906	MCCLELLAND, MICHAEL J
2910	RIVERA AUTO SALES
2944	HARRELL, ROGER
	HOPPER, ALICIA
	LOPEZ, ALEJANDRA
2948	RODRIGUEZ, GUSTAVO
2974	OCCUPANT UNKNOWN,
2976	GOMEZ, HILARIA
	OCCUPANT UNKNOWN,
2978	BECERRA, LIDIA
	OCCUPANT UNKNOWN,
	WINDEF, ELENA
3008	OVER THE BORDER
3031	APPLE GLASS

MAIN ST 2014 (Cont'd)

3031	KAR MOTORSPORTS
	LEDEZMA TIRES
	MARISCOS AL PRIETO
	T100 AUTO REPAIR
3044	GUZMAN, ANDRIAN
3046	GONZALEZ, HERMELINDA G
3048	CUEVAS, JOE P
3050	GARCIA, MARIA E
3080	SWANSON, ANTHONY J
3084	SOUTH BAY FENCE
3089	SECURITY FIRST SELF STORAGE
	UHAUL
3120	SEAFOOD BAR TIJUANA 100
3121	CUSTOM CABINETS
	MAIN FURNITURE THE
	MASK U S
	THE MATTSON COMPANY
	WORLD OF POTTERY A
3129	BELLAMA CUSTOMER METAL FABRICATIONS
3136	HOSPITAL EQUIPMENT
	SAN DIEGO ORTHO
	SAN DIEGO ORTHOPEDIC
3141	SMART & FINAL
3149	FRATERNAL ORDER OF EAGLES
3150	ARIZALA, LARRY G
3151	MIKES RECYCLING
3154	AUTOMATIC INSURANCE SERVICES
3156	WIRELESS PROS EXPRESS
3164	THOMSON, LINDA
3187	MAIN TIRE SHOP THE
	UNITED STRUCTURAL STEEL
3189	BOBAR LIQUOR
3190	TOP CHULA VISTA GATE REPAIR SERVICES
3205	ALLEN GAS
3211	PACIFIC TOWING
3218	J & L WIRELESS
	LOMAS CAFE
	TERES HAIR STYLES
3232	LEDEZMA MUFFLERS & ALIGNMENT
3236	F & V AUTO REPAIR
	HERNANDEZ TIRE SALES
3261	CERRITOS TIRE SHOP
	COPPER METAL CORPORATION
	ESTRADA METAL
3268	INTERNATIONAL SIGN COMPANY INC
3278	CAISEDO, ALEJANDRO A
3290	MARTINEZ, ANTONIO
3303	AIRGAS
3308	MONTIJO, ERIC J
3311	ALL STAR GLASS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2014 (Cont'd)

3316 OCCUPANT UNKNOWN,
3317 ABRE ENTERPRISES
3326 HERRON KENNETH E DVM
THE PET CLINIC
3333 BNK WHOLESALE INC
EL SOL INDUSTRIES
3342 DIAZ, ELIZABETH
3344 EL RANCHERO TACO SHOP
3358 BUDGET TIRE CO OF CHULA VISTA
3406 HERRARE, ALEJANDRINA
3416 PINEDA, ANDREA G
3434 OCCUPANT UNKNOWN,
3436 DIAZ, PEDRO G
3441 COPY LINK INC
CYBER PROFESSIONAL SOLUTIONS CORP
IGLESIA FAMILIAR
TAPIA, JEMIMA
3444 ALL CITY GLASS & SCREEN
3451 ALLAN COPLEY DESIGNS
DSTYLE INC
ETERNA, FUENTE
HD SUPPLY
WEST JACK CNC
WEST, Y
WHITE CAP INDUSTRIES
3452 MACHADO, JULIO C
3460 ALVAREZ, VICTORIA
3461 HEARTLAND MEAT
3468 AMERICAN PARTS
3470 OCCUPANT UNKNOWN,
3487 ESPARZA TIRES 4 LESS
PHOENIX TOWING
3489 SPEEDYS TOWING
3490 MOTTA, ANA M
3494 B A RAMIREZ & SONS IRONWORK
3513 MEZA PAINT
MICRO PC ELECTRONIC INC
SO CAL FLOORING CARPET & TILE
3515 FOOT POINT
HAMILTON MEATS & PROVISIONS INC
SOUTH FRAMES INC
3517 CALIFORNIA HARDCOATING CO
COPELAND ENGINEERING INC
NOW SURFACING INC
SIR SPEEDY
3519 OFFICE 2000
3521 DAVINICI METAL ART
HERNANDEZ CLAUDIA
HIKAM AMERICAN INC
MEXNATURA IMPORTS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2014 (Cont'd)

3521	R & M MANUFACTURING
3523	ADVANCED MACHINING SOLUTIONS
	NEXT DAY PRINTE D TEES
	YUHM, YANGMI
3554	CITY OF CHULA VISTA
3610	MOISER LTD
3620	VEOLIA TRANSPORTATION
3639	M H ELECTRONICS
3645	P B AUTO SERVICES
3648	3L DATA INC
3650	TRILLIUM
3651	HERNANDEZ TIRE SALES
3679	ECONOMY UPHOLSTERY
3681	GRAVAS DON PETER
3712	BADILLO, EDUARDO
	SAV ON STORAGE
3730	SUMMIT EQUIPMENT RENTALS
	WILLIAMS SCOTSMAN
3733	EA GROUP LLC
	LAMEDIA OPERATING CO
3740	SUNNY GLASS
	SUNNY IMPORT BODY PARTS INC
	SUNNY IMPORTS
	SUNNY RADIATORS
3755	HILLTOP MAIN SELF STORAGE
3800	4T LABELS INC
	A M C COOKWARE
	AMC OF CALIFORNIA
	COLUMBIA WHOLESALERS
	JR SIXTY NINE INC
	MAIN CLUTCH COMPANY
	REINHOLTZ INVESTMENTS INC
	UNITED BOXING & FITNESS
3802	ARCES IMPORTS
	CPM ELECTRONICS
	CUSTOM DOORS & MOLDING
	DAN THE VACUUM MAN
	J JOHNSON DISTRBTRS
	PROJECT MEXICO
	SOUTH BAY TAEKWONDO
	SOUTH BAY TAEKWONDO ACADEMY
3804	BULLPEN BASEBALL ACADEMY
	PREMIUM NUT
	UNITED TIRE CENTERS
	UNITED TIRE CENTERS LLC
3817	J & W REDWOOD LUMBER
3885	SENTRY STORAGE SOLUTIONS
3905	LEON, PHILLIP I
3917	ROJAS, LUIS R
3925	ALVAREZ, ROLF

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2014 (Cont'd)

3930	APODACA, ANNETTE M
3968	OCCUPANT UNKNOWN,
	TOVAR, MARTHA C
3978	OCCUPANT UNKNOWN,
3984	MATEOS, DAVID M
3988	DIXON, ZILPHIA A
3992	MATA, JORGE
3998	BROWN, LINDA L
4030	OCCUPANT UNKNOWN,
4031	MARTINEZ, HECTOR
4032	COVARRUVIAS, LUIS E
4037	BROUSSARD, PHILLIP A
4038	CARRASCO, PRICILLA R
4039	GOMEZ, FERNANDO
4040	BEAS, ALEX
4043	PANGASINAN, BEATRIZ G
4052	GILLESPIE, L E
4053	RAMIREZ, DAVID B
4054	ROMERO, ENRIQUE A
4057	LANDEROS, YSMAEL
	OCCUPANT UNKNOWN,
4067	OCCUPANT UNKNOWN,
4075	BELTRAN, JUANITA
4081	OCCUPANT UNKNOWN,
4087	OSORIO, YESENIA
4104	ALFARO, JOSE
4112	CHISHOLM, JACQUELINE
4300	7ELEVEN
4340	ASADA TACO SHOP
4360	99 CENTS PLUS CENTER
	EL DORADO CLEANERS & LAUNDRY
	ELITE NAILS & SPA
	FIESTA PLAZA INC
	HAIR ADDICTIONS
	LANGFORD CHIROPRACTIC
	MAIN STREET BAR & GRILL
	PALM RIDGE GROOMING
	WIRELESS PROS
4380	BOBAR LIQUOR 5
	FIESTA PLAZA
	PALM RIDGE GROOMING GALLERY
	SHARP BARBER SHOP
4430	NORTH COUNTY AUTO CENTER
4450	BEST WESTERN
	HOLIDAY INN EXPRESSCHULA
4555	OTAY VALLEY SHELL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2014

1555 ACEVEDO, JOSE M
ARCE, EVELYN L
BRATTEN, GEORGE W
BURNS, JUDITH E
CAMPOS, SALVADOR R
COOK, STEVEN T
CUEVAS, JAVIER
FLORES, KATRINA M
FULGHAM, OCTAVIA L
GASTELUM, YVONNE A
GUERRERO, RAFAEL
GUIZAR, NICOLE
HOLMES, CHARLES S
ISLAS, OMAR J
LOPEZ, JACQUELINE
MARTINEZ, GABRIEL A
MARTINEZ, VERONICA G
MCQUIEN, LINDSAY A
MERINO, KRYSTIAN
MORALES, MANUEL M
NUNN, GUILLERMIN F
PEREZ, EVANGELINA P
SOTO, MARTIN
VALENZUELA, JEFFREY J
VIDRIO, MARTIN

1565 ALABY, JACQUES J
ARRIETA, FRANCISCO R
BALDERAS, OSCAR O
BUCHHOLZ, GLORIA
CASTRO, LUIS M
CEBALLOS, ISABEL P
DECHAVEZ, ERNESTO V
ESPINOZA, ISMAEL
FLETCHER, MICHAEL
GONZALES, MAE
GONZALEZ, JORGE G
GUINN, JAMES R
HERNANDEZ, ROSA M
MARTINEZ, MARTIN
MERAUX, HECTOR
MEZA, CLARA I
NOEL, RONALD F
ORTIZ, CRISTOBAL C
ZERMENO, FERNANDO S

1575 AGUIRRE, DAVID S
ARELLANO, FIDEL S
ARRIAGA, GLORIA
CUELLER, OFELIA M
GOMEZ, JOSE Z
HERNANDEZ, LISA J

MENDOCINO DR 2014 (Cont'd)

1575	LEVERTON, LEWIS L
	LOPEZ, JESUS
	MACHADO, OMAR G
	MACIAS, JESUS
	MANJARREZ, KALEEB
	MUNOZ, MARIO
	RANGEL, ROSANGEL
	RODRIGUE, SERGIO
	RODRIGUEZ, FATIMA
	RODRIGUEZ, S
	VELASCO, SEBASTIAN
	YESCAS, RAUL F
	ZEPEDA, JUAN M
1576	RODRIGUEZ, EDUARDO
1580	ABBADIE, MARGARITA
	AGUILERA, GABRIEL R
	AIZPURO, MARIO
	BETANCOURT, JORGE H
	BLANCO, ARMIN M
	BLOCKER, T
	BROWN, MARIAM D
	CALDERON, ALEX
	CARDENAS, JORGE
	CASTRO, ENRIQUE
	CASTRO, FILIBERTO
	CHAVEZ, FRANCISCO
	CRUZ, JORGE B
	DELATORRE, LUIS D
	FERREIRA, RUBEN R
	FRANKLIN, PATRICIA M
	FUENTES, SAMUEL
	GARCIA, RICARDO B
	GOMEZ, GILBERTO L
	GONZALEZ, ROSALINDA S
	HALE, RICHARD
	HARO, JANNET
	HERNANDEZ, ROBERTO
	HERRERA, ALFRED
	IBARRA, AURISTELA
	INIGUEZ, FRANCISCO R
	JARA, EMILIA
	JIMENEZ, JOSE
	JUAREZ, FERNANDO
	LEON, ROSALIE
	LIZARRAGA, IRMA
	LOKE, CHEONG K
	LUA, GABRIELA
	MARTIN, JULIO C
	MCINTYRE, STEPHEN S
	MEDINA, JOSE M

MENDOCINO DR 2014 (Cont'd)

1580 MOODY, KAZUKO N
MUNOZ, ENRIQUE
MURILLO, JOSEPH
NERI, FRANCISCO A
NYIKES, NANCY J
PLATERO, JUAN A
QUIJAS, DIANA
RICCI, JOYCE E
RIOS, CARMEN M
RIVERA, ROMAN
RODRIGUEZ, JUAN A
ROJAS, EDUARDO
RUIZ, RIGEL A
RUNYEN, DENNIS
SANCHEZ, AIMEE
SANTILLAN, BENJAMIN C
SARGIS, DALLAKYAN
SCRUGGS, STEVEN P
TAPIA, BENITO J
TYNER, ROBERT E
UVINA, DAVID
VAZQUEZ, KEVIN
VILLATORO, ALFREDO
WEBB, SHIRLEY
WILLIAMS, CAROL
YORBA, MARTHA L
YOUSIF, JOSEPH

1585 ALVARADO, MARIO M
BRAMBILA, IVAN D
CASAS, MARIO
CUEVAS, ABRAHAM A
GARIBAY, ESTELA
MARTINKA, MICHAEL G
NICHOLS, ROLA E
OJEDA, GUADALUPE
PALAFOX, ROBERTO A
PATTERSON, CLIFFORD W
RAMIREZ, ERIC
RECINOS, MIRIAM E
ROBLEDO, DANIEL U
SANTOS, DANIEL D
TIMM, GARY P
WHITE, RONALD G

1595 ADAMS, DAVID M
ALMAGUER, DEMETRIO
BALAT, ANDRETTI L
BREITFELDER, LARRY J
CHAVEZ, SALVADOR O
CIASNEROS, M
ESCALANTE, MIGUEL B

MENDOCINO DR 2014 (Cont'd)

1595	FEAR, JACLYN
	GARCIA, JOSE L
	GUTIERREZ, JUAN
	HAMLETT, SANDRA P
	LIZARRAGA, IGNACIO G
	LOPEZ, FRANCISCO G
	MAINS, ROBERT A
	MARMOLEJO, MARTHA A
	MATA, CONCEPCION G
	MAYA, CRUZ M
	RAMIREZ, VICTOR M
	ROBLEDO, JUAN F
	ROHLMEIER, CECILIA
	ROMO, MARTHA A
	RUBIO, VICTORIA S
	SANDOVAL, JOSE
	SCARAFIOTTI, FRED J
	SCHWARTZ, KENNETH R
	SD ROOTER & PLUMBING
	VONG, PEO V
	WERNER, HARALD H

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2014

991	REYES, GABRIEL R
995	GOMEZ, SALOMON
999	MOWERY, GARY L
1004	CONNOLE, DENNIS L
1005	LOPEZ, ERNESTO R
1008	CASTANEDA, HONORIO
1010	BRAINARD, STEVE V
1014	ZAZUETA, FRANCISCO F
1019	LOPEZ, JORGE
1023	TREVINO, DANNY
1029	OCCUPANT UNKNOWN,
1033	METZ, DONALD R
1036	ALVAREZ, MARIA D
1037	TRAMMELL, MICHAEL E
1043	CASAS, JULIETA I
1048	MURRAY, WALTER L
1051	CARDOSO, ROBERTO M
1055	DAYTON, MICHAEL P
1060	CHAVEZ, JOSE
1061	DUFF, KELLY R
1071	ANGUIANO, GENEVA
1072	HA, NA
1075	ARBITRARIO, MELVIN
1081	OCCUPANT UNKNOWN,
1082	SHABBIR, MARIA
1085	BAIER, ALAN A
1090	CARTER, DARNELL
1091	WEBB, THERESA
1096	SCHILLER, ROBERT
1097	FRISON, BERNARD D
1102	OCCUPANT UNKNOWN,
1106	MESA, RICHARD M
1112	ARIZOLA, SUNSHINE
1118	OCCUPANT UNKNOWN,
1124	CANEDO, ALBERTO
1128	MONTES, ENCARNAC
1132	CASTILLO, RUBEN
1138	COPELAND, A
1142	GRAY, CATHERINE C
1148	ALEJANDRO, LUIS C
1152	MENDOZA, DAVID
1158	LUTZ, RICHARD R
1162	POLLARD, TIM N
1168	LAMPLE, DANIEL R
1172	OCCUPANT UNKNOWN,
1178	BINDER, DOROTHY I
1188	DRESCHER, GEORGE G
1220	NELSON, ALEX
1228	BRZEZINSKI, LEONARD J
1236	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2014 (Cont'd)

1244 REBAMONTE, RODEL G
1254 OCCUPANT UNKNOWN,
1262 MUCK, THI B
1270 SANCHEZ, MARIA J
1278 LOPEZ, CESAR
1286 LOPEZ, LUIS E
1294 FAUSTO, JUAN M
1301 BOYS & GIRLS CLUB CHULA VISTA
1302 MORALES, VIVIANO R
1312 GALLAGHER, TIMOTHY E
1322 AGUIRRE, SANDRA C
1332 OCCUPANT UNKNOWN,
1342 DEBRUIN, PAUL W
1368 DAVILA, ARTURO S
1374 CHRISTENSEN, PHIL A
1378 CANEDO, SARA
1383 OLLIER, DONALD O
1384 MEZA, MONICA
1388 VANZUIDEN, EVERETT E
1389 MORRIS, ISMAEL M
1392 NELSON, BRAD
1398 PEER, JOSEPH R
1400 GONZALEZ, FRANCISCO H
1402 MUNOZ, MANUEL D
1404 HUNTER, WILMA E
1406 ALTAWIL, WALID
1407 SAMUDIO, DAVID D
1408 DIMASE, FRANCIS J
1409 VALDEZ, EMMA M
1411 ROJAS, CESAR
1413 BOBADILLA, MICHELLE
1415 BICE, BOYD F
1417 CANIZALEZ, JOSE A
1418 MOKRY, WILLIAM V
1419 ADAME, DAVID J
1420 OCCUPANT UNKNOWN,
1421 CORTEZ, VICTOR
1422 OCCUPANT UNKNOWN,
1423 QUINTANILLA, JAVIER D
1424 BECERRIL, JESUS A
1425 BYERS, RANDALL H
1426 VASQUEZ, FERNANDO S
1427 GARCIA, TOMAS A
1428 DELAROSA, DAVID
1429 MADRIZ, ROMAN
1430 MCCOURT, JOHN F
1431 DECASTRO, MERCED G
1432 RAMIREZ, ALFREDO T
1433 DAY, EUGENE
1437 ROSS, KEN L

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2014 (Cont'd)

1443 SENIOR, JOHN T
1447 WELSH, HELEN T
1453 OCCUPANT UNKNOWN,
1457 RODRIGUEZ, ROLANDO O
1463 LUQUIN, JORGE J
1467 ZARATE, RALPH L
1485 STALLINGS, TED F
1489 MALDONADO, MARINA
1493 CASTRO, JAMES A
1500 CRUZ, GUILLERMO I
1501 PELAEZ, MANUEL
1502 OCCUPANT UNKNOWN,
1503 RIOS, MELINA
1504 RODRIGUEZ, JAEL
1505 LISCUM, CHARLES B
1506 GOLDEN, LISA J
1507 GAMBLE, HENRY M
1508 PALENCIA, ARCHIBALD Z
1509 GONZALEZ, MARIA B
1511 JODZIO, SCOTT M
1512 GONZALEZ, RICARDO
1514 WEBER, JOE L
1515 VALLE LINDO ELEMENTARY SCHOOL
1516 SANTOS, MIGUEL A
1518 CARSON, DENNIS P
1522 PATTERSON, GARY
1523 YANKAJTIS, CHRIS D
1525 CUNIAL, DAVID J
1526 CARRERA, CARLOS
1528 GONZALEZ, JOSE A
1529 WILSON, GLENN K
1530 CORDERO, ALVARO L
1532 BAINBRIDGE, DANIEL
1533 GERBELLA, DAVID
1534 MURRAY, CHARLES S
1535 EUSTAQUIO, DAVID
1536 SHIVERS, AENEAS M
1537 MOTTA, PETE E
1538 LOZA, RAMIRO G
1539 MORA, JOSE L
1540 HAAS, DEAN J
1541 HAMILTON, MIKE M
1542 ELLIS, RUSSELL
1543 ARREDONDO, VERONICA M
1544 DOSS, JOHN L
1546 ARANDA, OFELIA
1547 LOEWEKE, JOSEPH
1548 FERNANDEZ, GABRIEL
1549 ARRECHEA, GEORGE N
1550 GUDINO, JOE B

OLEANDER AVE 2014 (Cont'd)

1551 OCCUPANT UNKNOWN,
1552 WILSON, BRUCE C
1553 RAYBURN, SANDRA L
1554 VIZARRAGA, REBECA
1555 OCCUPANT UNKNOWN,
1556 DORAN, MICHAEL W
1557 OCCUPANT UNKNOWN,
1558 MCANELLY, ROBERT L
1559 MYERS, BARBARA L
1560 SPILLANE, JERALD P
1561 GUIANAN, DON B
1562 BRISSON, MICHAEL
1563 WAGNER, JACK J
1564 GOMES, SARA E
1565 FINN, O
1566 ORTEGA, ANTONIO
1568 BARRANCO, CARLOS E
1569 ARCAINA, FEDERICO C
1570 LOZANO, ESTELLA
1571 DENNIS, WALTER E
1576 OCCUPANT UNKNOWN,
1577 GAFFNEY, JOSEPH
1580 ONTIVEROS, JESUS
1581 TINGZON, MILO D
1587 OCCUPANT UNKNOWN,
1591 BALANAY, TONI J
1595 MONTALVO, JUAN A
1608 GARCIA, JUAN
1612 CARLON, JORGE
1616 BRONNER, CHARLES F
1620 KOPACZEWSKI, KEN J
1624 OCCUPANT UNKNOWN,
1627 ARAIZA, JEANETTE
1628 OCCUPANT UNKNOWN,
1632 JOHNSON, CURTIS M
1633 JAUREGUI, JENNIFER R
1636 HERNANDEZ, ENRIQUE G
1637 RUSS, LAURA A
1640 MARTINEZ, RAUL A
1644 HOFFMANN, ROBERT W
1648 GALLAGHER, ANTHONY
1649 HUNT, ELSA E
1652 BINER, MARK F
1655 NORIEGA, NICOLAS E
1656 HACKELBERG, ALAN
1657 LUCERO, CRUZ A
1660 ARBALLO, PAMELA
MCVEY, GARRETT L
1661 TOTH, KAROLY
1664 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2014 (Cont'd)

1665 OBRIST, WILLIAM A
1668 SMITH, DANA P
1669 VASQUEZ, DAVID G
1672 COVARRUBIAS, LEOBARDO J
1673 VENTURA, JESUS
1676 GILBERT, DUANE A
1677 VAZQUEZ, GABRIEL
1681 WOODHOUSE, DONALD C
1685 RUTLEDGE, ANNA R
1689 GARCIA, ERIC A
1693 COVARRUBIAS, CHRISTINA C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TANOAK CT 2014

510	AKERS, THERESA J
511	MARTINEZ, EZEQUIEL P
512	OCCUPANT UNKNOWN,
513	DELCARMEN, MARIA
514	MARQUEZ, FLORENCIO
515	ROMIO, RICK J

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TIMBER ST 2014

503	HATTER, CHELSEA
505	LASKA, ROBERT D
507	DIAZ-LOPEZ, JOSE R
509	IBARRA, SALVADOR R
510	BOYLE, KEVIN G
511	GUERRA, MARTIN S
512	VASQUEZ, RAMON
513	HERRERA, JONATHAN
514	DURSO, THOMAS A
515	KNEPPER, JASON R
516	HERNANDEZ, GABRIEL C
517	DELEON, EDUARDO Y

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2010

1410	CHULA VISTA FIRE FIGHTERS ASSN
1481	SAID, HERBERT L
1487	CARREON, DANIEL R
1491	HOLLAND, EDWIN M
1501	ADAMS, LISA M
	BETANCOURT, EDWARD R
	CORONA, JOSUE
	MCGINNIS, ROBERT M
1505	ASHCRAFT, OLIVIA A
	GUTIERREZ, DANIEL R
	HERMANSON, MICHELLE L
	IBANEZ, JOSE J
	KITAURA, SHAWN D
1655	BRANDY WINE LIQUOR
	CORZY CORNER PIZZA
	EL PORTAL
	SUPERIOR CUTS BARBERSHOP
1665	AGUILAR, COREY
	ALEJANDRINA, CAS T
	APOSTOL, MICHAEL V
	BAUER, MICHELLE A
	BOLIN, RICHARD R
	BRANDYWINE APARTMENTS
	CASTANEDA, JOSE
	CORONA-PEREZ, ANGEL
	CRUZ, MARJORIE D
	ESPINOZA, ROBERT
	FERRARI, JENNIFER
	GARCIA, L
	GOMEZ, ANA M
	GONZALEZ, JOSE
	GONZALEZ, SARAH T
	GORSICH, DALE L
	GRIMSLEY, EUGENIA C
	GUERRERO, JOEL
	GUZMAN, PAULA A
	HARKINS, BRIAN
	HOUSTON, CORNELIUS D
	JUDD, KENNA L
	KARAMOTO, JOE N
	LAPPAY, MICHAEL
	LAZARUS, BRUCE T
	MARTINEZ, ROSA I
	MCNALLY, BRANDON
	NAPALAN, NAP
	NAVARRETE, JESUS
	PAYAN-SERRANO, ANTOLIN
	PEREZ, LOURDES
	RAMIREZ, AMERICO
	RINGDAHL, ROBERT A

BRANDYWINE AVE 2010 (Cont'd)

1665 ROSAS, MARIA
SANCHEZ, MARIA G
SMITH, MARGARITA Y
SODERBERG, SVEN
UY, EDDIE D
YANG, SUNHEE H
1669 CHOICE STORAGE
GLOBAL NEWS DISTRIBUTORS
HEATING & COOLING SUPPLY LLC
MOVING CO
RESOURCE CONSULTANTS INC
SERCO INC
1670 VSE CORP
1675 BEHNAM TRANSPORT
DRESSERRAND CO
1685 HYSPAN PRECISION PRODUCTS INC
1690 C LLOYD JOHNSON CO
LYON ELECTRIC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2010

505	NYPRO SAN DIEGO
515	FULLER COLLISION CTR
650	TOYOTA CHULA VISTA
725	EL LATINO NEWSPAPER
745	ACUA
	INTERAMERICA
	SWEET SPECIALTIES
755	TOCABI AMERICA CORP
2001	SWISS PARK & CLUB
2240	ATLAS BEAUTY DISTRIBUTION
	BIODENTAL
	C E WESTERN TRACK INC
	CALIFORNIA IRON GATES
	COMMUNICATIONS GAMAR
	ESTHERS FRAMING ENTERPRISES
	FURNITURE AFFORDABLE REPAIRS
	GUARDSMAN FURNITURE PROSN
	ISM TV INC
	KING TERMITE CONTROL
	OFFICE SYSTEMS INSTALLATIONS
	PALACIOS CUSTOM IRON WORKS
	PARTS & TOOLS LLC
	POLYPLASTIC CORP
	RAULS LEATHER SHOP
	RAWHIDE DISTRIBUTORS
	SAN DIEGO CABINETS
	SOUTH CITY BUSINESS CTR
	WEST COAST AUDIO & VIDEO
2244	BATTERIES UNLIMITED
	BRITTANIS COSMETICS
	CALIFORNIA MAGNETICS
	CARDENAS REFRIGERATION EQUIP
	FRUITTY FREEZE
	GALLERY DESIGN FURNITURE INC
	INTERNATIONAL MARBLE
	KAYAKS BY SEDA
	M B EXPORTS & SALES
	MARCES WINDOW COVERINGS
	PRAXAIR INC
	SAN DIEGO SCIENTIFIC COMPUTER
	SEDA KAYAKS & CANOES
	STYLE BOYZ PRODUCTIONS
2248	AKER LEATHER PRODUCTS
	CLR MOTORSPORTS
	JOB OPTIONS INC
	LOMELI TILE DESIGNERS INC
	MARIND INC
	MAZZEE INTL
	V R FURNITURE WAREHOUSE
2252	AMERICAN HEALTHCARE ASSOC

MAIN ST 2010 (Cont'd)

2252	BEST GLASS
	DONATE CONSTRUCTION CO
	FRIO Y CALIENTE
	GAYTANS NEWS
	SOL DIEGO
2256	BIBBEYS SHELLS & ROCKS
	FELIX DISTRIBUTORS
	HALOWELL, D
	IEHM MANUFACTURING
	ILO DISTRIBUTIONS
	INDUSTRIAL AUTOMATION & CONTRL
	SAMS UPHOLSTERY
	TRICITY LINEN SUPPLY
	WOOD & METAL DESIGN
2260	3 R APPLIANCES
	A P MOTORSPORTS
	ADVANCED FLOORCOVERING INC
	AMERICAN TAX
	ANDERSON PLUMBING & REMODELING
	ELBECK
	FASNGO
	FLEX DISTRIBUTORS
	ISM AUDIO VIDEO SVC
	OHE PAINTING CO
	TADEO WHOLESALE BUSINESS
	TAMALES ANCIRA
	TANG SOO DO KARATE INSTITUTE
2317	PUBLIC STORAGE
2320	INTEGRATED MARINE SVC INC
	TRI STAR TRANSPORTATION
2350	NICE & EASY AUTO BODY & PAINT
2365	WEST AUTO WRECKERS
2380	CARLETON MANAGEMENT
2385	S D STORAGE
2400	AMERICAN TIRE DISTRIBUTORS INC
	COMPETITION PARTS WAREHOUSE
2402	CROCKETT CONTAINER CORP
	FURNITURE WAREHOUSE
2445	BATIZ ALBERTO
	CHOUINARD MARK
	HANDY MINI STORAGE
	KIKIS SEAFOOD
2446	BEST BATTERY
	BOLTS & NUTS
	GNATURA USA INC
	INSIGHT PAINT & DECORATING
	JESSES SMOG STATION
	L C TURBOCHARGERS
	MAIN STREET TEST ONLY
	MARSCOT MARINE & INDL SUPPLY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2010 (Cont'd)

2446	MIKES CARBURETORS
	PRO KAR PRODUCTS
	RICARDOS CUSTOM COVERS
	TILE FORCE
	XTREME MOBILE DETAILING
2462	A OAK LAND CABINETS INC
	CHRISTYS PRODUCTS
	SWANSON DISTRIBUTION INC
2465	GROUPO DESPERTAR RECUPERACION
2471	AMUDANZAS INTERNACIONALES
	CALIFORNIAS FURNITURE INSTLTN
	CID INTL
	J B MOTORS
	JEDA PHONE EXCHANGE
	PRAOLS STORY BRACELETS & MORE
	VIDRIO TOWING
2474	DAR PRODUCTS SALES
	FFF DISTRIBUTORS INC
	IRON FORGED CUSTOM GATES
	SWEJON FLEXIBLE PACKAGING
2488	BERNAL IRON WORKS
	LIFE TIME CUSTOM PAINTING
	LUGOS ELECTRIC
	MARCOS CANOPIES INC
	OCEAN CARPET
	RIBER INDUSTRIAL INC
	WALTER J LACAYO BUSINESS SVC
2489	FREEBY SIGNS
	FREEBY, JEFFREY J
2490	GENERAL INDUSTRIAL
	GLAD BUSINESS PARK
	SHEAR FX HAIR DESIGN
	SOUNDELUXE
	WEST AIR GASES & EQUIPMENT INC
	WHOLESALE CLOTHING
2513	POLOS AUTO PAINT SUPPLY
	ROMANS TRUCK BODY & PAINT
2514	SANTA FE MEATS
2516	S & C FURNITURE
2520	DR AUTO ELECTRIC
	INDUSTRIAL & CONSTRUCTION EQPT
	J & A SMOG TEST ONLY CTR
	JABAN MUFFLERS
	JUAN AUTO REPAIR
	LEATHER AUTHORITY
	OROZCO, FRANCISCO J
	OSCARS UPHOLSTERY
	QUALITY COAST INC
	ZEPPY AUTO REPAIR
2524	COMERCIAL LIZADORA BCS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2010 (Cont'd)

2524	COMERCIALIZADORA IMPORTADORA
	KUSTOM NATION
	SAN DIEGO AGGREGATE EQUIPMENT
	YEES MOTORSPORTS INC
2528	ACME BAG CO
2530	ANTOJITOS VIANEY
	CRAZY GUYS COMMUNICATIONS
	DIAZ CNC
	EURO SPECIALTIES
	MARCOS RADIATOR REPAIR
	OTAY TEST & REPAIR
	SANCHEZ AUTO REPAIR
	TUNES PLUS
2540	EL PROFESSOR INC YOUR CMNTY
	GARCIAS MEXICAN FOOD
	IGLESIA CRISTIANA EL ALFARERO
	JAIME & JAIME BOOKKEEPING SVC
	JIMS GLASS & SCREEN
	PINATAS & PLUS
	POLLO AMIGO
	SAN DIEGO FLOOR DESIGN
	YOUR COMMUNITY
2550	P MART
	PALOMA IMPORTER
	PALOMAR TRADING CO
2560	BEST MEXICAN PRODUCTS
	H & M WROUGHT INC
	SCOTTYS AUTO SVC
2578	SUPERIOR VW AUTOMOTIVE REPAIR
2585	LEAF SALES INC
2586	ALFREDOS UPHOLSTERY
2615	ALLIED BUILDING PRODUCTS CORP
2620	ERNIES AUTO SALES
2638	AAM IMMIGRATION
	ADL TECHNOLOGIES INC
	BIRRIERIA SINALOA
	BOTANICA BRIANAS GIFTS
	DRUIZ SVC
	M & I PRINT
	MARISCOS MARISOL
	MARISOL
	MARQUEZ DENTAL INC
	MERCURY INSURANCE CO
	PENAGOS INSURANCE
	VICKYS SECRETARIAL SVC
2648	CORPORATE AMERICA UNIFORMS
	HOME DREAM LOANS
	LOSMEX ELECTRONICS
	PRISMA CARE
	PRISMA CARE DENTAL

MAIN ST 2010 (Cont'd)

2650 ARIZONA RESTAURANT
2665 B JS RENTALS
2677 EDDIES TIRES MUFFLERS & AUTO
2741 CARVAJAL, LILLIAN
2756 HOLSUM BAKERY
2765 ESTRADA, GUILLERMO R
GOING OUT INC
TORTILLERIA SANTA FE
2776 S D STORAGE
SAN DIEGO STORAGE
2794 HARRELL, ROGER
2800 WISNIEWSKI, TAMARA
2801 BAJA CALIFORNIA CYCLE USA
F & V AUTO REPAIR
2817 INTERSTATE BRANDS CORP
WEBER BAKING CO
2822 C COAST OUTBOARDS
2827 SALAH, ADNAN A
TINOS TV & VCR STEREOS
2830 POSSIBILITIES THRIFT STORE
2835 WHEEL DEPOT
2843 ALONSO ENTERPRISES
TONYS RADIATORS
X O AUCTION
2847 ALVEREZ, RUBY
CLAAR, TODD
COSIO, ASHLEY
FIGUEROA, BERNARD
GOMEZ, JAVIER
HERNANDEZ, VANESSA
MASCARENO, ROSARIO S
MENDOZA, PATRICIA
NASSIF, MARIA T
NAVARRO, BARBARA
TORRES, BERNARDINO
URIBE, JOSE
VAZQUEZ, CARMEN
2850 MEXAM ENTERPRISES INC
2864 DESIGN SQUARE
2865 JAVIER LAWNMOWER SHOP
UNOS CUSTOM ELECTRONICS
2870 KINGDOM CARPET CORP
SOUTH BAY CARPET DISTRIBUTORS
2887 ACOSTA, CONSUELO
CARDENAS, OLGA
CARRILLO, DIEGO
CASAREZ, CLAUDIA
CAZARES, VANESSA
CEBALLOS, RENE
CEBREROS, JORGE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2010 (Cont'd)

2887	DEIS, CLAUDIA
	DUNS, MANNY
	ESCOBAR, MARILOU M
	FERNANDEZ, GUADALUPE
	FLORES, BLANCA R
	GARCIA, BENJAMIN
	HERNANDEZ, GUADALUPE
	MACIAS, ERENDIRA
	MARTINEZ, GRISELDA
	NAKAO, EIJI J
	OVANDO, LEONARDO
	ROSA, BARAJAS
	STENS, HORTENCIA
	TAPIA, RAFIK
	VILLAESCUSA, ARCELIA C
	VIRGEN, RAFAEL
	VIVAS, ARLETTE
2902	TIBURCIO, ERENDIRA
2906	MCCLELLAND, JOAN M
2910	J R AUTO SALES
	SAN DIEGO AUTO SALES
2944	LOPEZ, ALEJANDRA
	MARTINEZ, IVETTE
2948	OCCUPANT UNKNOWN,
2952	JRUBO SOUL INC
	SOUTHBAY AUTO REPAIR
2974	HOPPER, KENNETH W
2976	OCCUPANT UNKNOWN,
2978	MEDINA, MARTHA A
	OCCUPANT UNKNOWN,
2980	GONZALEZ, LAURA P
	SANTANA, JUAN L
3008	OVER THE BORDER
3031	APPLE GLASS
	AUDIO XPERTS
	CHULA VISTA SMOG
	LEDEZMA TIRES
	ROMANS ALIGNMENT SUSPENSION
3044	GUZMAN, ANDRIANNE
3046	VILLA, HERMELINDA G
3048	CUEVAS, JOE P
3050	GARCIA, MARIA E
3054	ZEHM, BONNIE L
3080	SWANSON, ANTHONY J
3084	SOUTH BAY FENCE
3089	SECURITY FIRST SELF STORAGE
	UHAUL CO
3120	SEAFOOD BAR MARISCOS LA CACHO
3121	A WORLD OF POTTERY
	HYUNDAI LIVART FURNITURE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2010 (Cont'd)

3121	ISLAND WOOD AUTOMATION INC
	MASK US
	THREE MOSQUETEERS CO
3124	DOUBLE AA TIRE CO
3129	BELLAMA CUSTOM METAL
3130	ERNESTOS BEAD HOUSE
3136	HOSPITAL EQUIPMENT
3141	SMART & FINAL
3149	FRATERNAL ORDER OF EAGLES
3151	MIKES RECYCLING
3154	AUTOMATIC INSURANCE SVC
3164	THOMSON, RICHARD R
3189	BO BAR LIQUORS
3190	PSI INC
3205	ALLEN GAS
3211	LAKESIDE AUTOMOBILE
	SCJ TOWING
3218	CHULA VISTA SEAFOOD & GOURMET
	LOMAS CAFE MEXICAN
	SEAQUEST INTERNATIONAL SEAFOOD
	TERES HAIR STYLES
3236	HERNANDEZ TIRE SALES
3261	ANGEL MOTORS
	ESTRADA METAL
	UHAUL CO
3268	INTERNATIONAL SIGN CO INC
3275	SALAZAR, CAROLINA G
3278	TOLLEFSON, JAYSON
3288	SUNCRAFT IMPORTS INC
	SUNCRAFT INTERNATIONAL GIFT
3303	AIRGAS WEST
3308	MONTIJO, SENOR E
3311	ALL STAR GLASS
3316	OCCUPANT UNKNOWN,
3326	PET CLINIC
3328	PACIFIC AUTO GROUP INC
3342	ARROYO, ROSA
3344	EL RANCHERO TACO SHOP
3358	BUDGET TIRE CO OF CHULA VISTA
	ROLDOLFOS CONCRETE SCULPTURES
3416	PINEDA, ANDREA G
3434	OCCUPANT UNKNOWN,
3436	DELATORRE, RAUL
3441	COPY LINK INC
	LETS TALK HEALTH
3444	ALL CITY GLASS & SCREEN
3451	ALLAN COPLEY DESIGNS
	DSTYLE INC
	JACK WEST CNC
	TACHER DESIGNS & ASSOC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2010 (Cont'd)

3451 WHITE CAP CONSTRUCTION SUPPLY
3452 MACHADO, BONIFACIO P
3460 FIERRO, ANDRES
3461 HEARTLAND MEAT CO
OCCUPANT UNKNOWN,
3468 AMERICAN PARTS INTL
3470 HERNANDEZ, RICARDO
3480 GRESHAM, STEVE H
3487 ABRE TOWING
ESPARZA TIRES 4 LESS
PAXTON TOWING
3489 SPEEDYS TOWING
3490 ANAS CUSTOM DRAPERY
MOTTA, ANA M
3494 B A RAMIREZ & SONS IRON WORK
3513 FLOORING AMERICA
MEZA PAINT
MORENO PALLETS
PLATTS TOWING
SO CAL FLOORING CARPET & TILE
SOCAL FLOORINGAMERICA
3515 FOOT POINT
HAMILTON MEATS & PROVISIONS
SHOE WAREHOUSE
3517 CALIFORNIA HARDCOATING CO
COPELAND ENGINEERING
HUGH COPELAND ENGINEERING
MODELLO DESIGNS
ROYAL DESIGN STUDIO
SIR SPEEDY
3519 J & S CLOTHING
3521 DAVINCI METAL ART
MEX NATURA
3554 OTAY RECREATION CTR
3611 SUPERIOR REPAIR
3615 CLB MANUFACTURING CO
3631 THRIFT WHOLESALE
3645 P B AUTO
3650 VEOLIA TRANSPORTATION
3651 MAJOR IRRIGATION SUPPLY INC
3679 ECONOMY UPHOLSTERY
3681 GRAVAS DON PETER
3708 AMEZCUA, JOSE L
3712 A1 SAVON HITCHES & TRAILER
BADILLO, EDDIE
LOPEZ, VALENTINA
PENSKE TRUCK RENTAL
SAVON STORAGE
3733 CALI MART
MEAN GENES

MAIN ST 2010 (Cont'd)

3733	SUBWAY
	WORLD PETROL
3740	COLLISION PARTS WAREHOUSE
	SUNNY GLASS
	SUNNY RADIATORS
	SUNY IMPORT BODY PARTS INC
3755	HILLTOP MAIN SELF STORAGE
3800	4 T LABELS INC
	AMC COOKWEAR
	AMC OF CALIFORNIA
	AMC PLATINUM
	AMERIVACSIMPULSE SEALERS
	COLUMBIA WHOLESALERS
	HOUSEWARES INC
	MAIN CLUTCH CO
	POOLMAN 2000
	PRIME TIME PAINTING
	TADLOCK, A
3802	ARCE IMPORTS
	BRITEC ELECTRIC SUPPLY
	CPM ELECTRONICS
	CUSTOM DOORS & MOLDING
	J JOHNSON DISTRIBUTORS
3804	BULLPEN BASEBALL ACADEMY
	PALLETS Y MAS
	PREMIUM NUT
	SPECIALTY TEXTILE SVC
	UNITED TIRE CTR LLC
3817	J & W LUMBER CO
3855	PYCENSA ELECTRICAL INC
	R B N S INC
3885	SENTRY SELF STORAGE
3905	LEON, PHILLIP I
3917	ROJAS, LUIS R
3925	ALVAREZ, ROLF
3930	GREEN HEAVEN LANDSCAPE
3968	ERIBES, S C
	NAVARRO, ALFREDO C
	SAHSH, ABD
	TOVAR, MARTHA C
3978	MACIAS, JESUS G
3984	MATEOS, FRANCISCO C
3988	DIXON, ZILPHIA A
3992	OCCUPANT UNKNOWN,
3998	MCFARLIN, MICHAEL Z
4030	HUERTA, GILBERTO H
4031	ALVAREZ, MONTOYA N
4032	COVARRUVIAS, LUIS E
4037	BROUSSARD, PHILLIP A
4038	EVICK, K

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2010 (Cont'd)

4039	NEVAREZ, ROSA C
4040	PULIDO, EDDIE
4043	PANGASINAN, BEATRIZ G
4052	GILLESPIE, L E
4053	RAMIREZ, NADIA L
4054	ROMERO, SANTOS
4057	LOPEZ, OLGA
	OCCUPANT UNKNOWN,
4067	ROMERO, IRMA
4075	LOPEZ, SAMUEL E
4081	RODRIGUEZ, CHRISTOPHER
4087	OCCUPANT UNKNOWN,
4104	BEJARANO, EFRAIN C
4112	CHISHOLM, JACQUELINE
4300	7ELEVEN
4340	ASADA TACO SHOP
4360	99 CENTS PLUS CTR
	CIAO ITALIAN RESTAURANT
	ELDORADO CLEANERS & LAUNDRY
	ELITE NAILS & SPA
	FIESTA PLAZA INC
	FLOORING SOURCE
	HAIR ADDICTIONS
	LANGFORD CHIROPRACTIC
	PALM RIDGE GROOMING GALLERY
	WIRELESS PROS
4380	BOBAR LIQUOR
	CORDOVA INSURANCE
	FIESTA PLAZA
	SHARP BARBER SHOP
4450	HOLIDAY INN EXPRESSOTAY VLY
4555	OTAY VALLEY SHELL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2010

1555	ACEVEDO, JOSE M
	ACOSTA, EDUARDO
	ALVAREZ, RALPH M
	ASHBY, MARC S
	BRATTEN, GEORGE W
	BURNS, JUDITH E
	CHASTAIN, MICHAEL L
	COOK, STEVEN T
	COSTA, ROGER E
	CUETO, PEDRO P
	FARIAS, LUIS E
	FULGHAM, OCTAVIA L
	GASTELUM, YVONNE A
	HAHN, MARIA J
	HERNANDEZ, JULIO C
	HOLMES, CHARLES S
	LOPEZ, JUAN J
	MACIEL, ADRIANA
	MARTIN, RALPH
	MCQUIEN, ESTHER A
	MELENDEZ, JESUS
	PATAWARAN, TERESA
	PATTERSON, NINA
	RASMUSSEN, ALLEN E
	REAL, LUIS E
	ROMERO, LUIS O
	SALAZAR, CIRA
	TALAVERA, LETICIA
	VALENZUELA, JEFFREY J
	VIDRIO, MARTIN
1565	AGUILAR, EVERARDO S
	ARRIETA, FRANCISCO
	BALDERAS, OSCAR O
	BUCHHOLZ, GLORIA
	CANALES, RICARDO
	CASTRO, JAVIER
	CEBALLOS, MANUEL P
	GONZALES, ROBERTO
	GONZALEZ, KIM
	GUINN, JAMES R
	GUIZAR, CARLOS
	HERRERA, JESUS J
	HOLDEN, CHRISTOPHER
	LOPEZ, ADRIAN
	MARTINEZ, MARTIN
	ME, H
	MERAUX, HECTOR
	MIKKONEN, CHERYL L
	NIETO, CENOBIA G
	NOEL, RONALD F

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2010 (Cont'd)

1565 ORTIZ, CRISTOBAL C
PRECIADO, BERSABEE
RODRIGUEZ, BRIAN R
RODRIGUEZ, OSCAR J
VALDERA, CLARIBEL
YOUNGHOLDEN, TRACI
ZERMENO, CARLOS F

1575 BARAJAS, ROSA M
CUELLER, OFELIA C
GRIJALVA, SANTA L
KELLOGG, HEIDI
LEVERTON, LEWIS L
LOPEZ, JESUS
MACIAS, JESUS
MARTINEZ, DAVID
RAMOS, LOURDES G
RODRIGUEZ, VERONICA
SANCHEZ, RUBEN D
VELASCO, SEBASTIAN
VELASQUEZ, MARIA
VELAZQUEZ, BENJAMIN
VIZCARRA, MANUEL J
YESCAS, RAUL F
ZEPEDA, JUAN M

1580 AGUILERA, GABRIEL R
AGUNDEZ, CLAUDIA
ALVAREZ, PEDRO
BLANCO, ARMIN M
BROWN, MARIAM D
CARBAJAL, MIGUEL A
CARDENAS, JORGE
CARRILLO, ANA L
CASTRO, EVERARDO P
CASTRO, FILIBERTO
CHAVEZ, FRANCISCO
CRUZ, JORGE B
DALLAKYAN, SARGIS
DELASIERRA, ANDRES D
DELATORRE, LUIS D
DIAZ, DANIEL
ESPY, TANEISHA
FABELA, FRANK R
FARIAS, CARLOS A
FIGUEROA, GERARDO
FRANKLIN, DAVID C
GABRYELSKI, BRIAN
GASTELUM, MARIA G
GOMEZ, GILBERTO G
GONZALEZ, DANIEL
GONZALEZ, GUILLERMO

MENDOCINO DR 2010 (Cont'd)

1580 GONZALEZ, PEDRO Z
GRAY, MICHELLE
HARO, JANNET
HENSON, WANDA L
HERRERA, ALFRED
IBARRA, AURISTELA
LANSWICK, SCOTT E
LOPEZ, LUCIA R
MALFAVON, ARACELI
MARMOLEJO, GABRIEL
MARTIN, JULIO C
MENDOZA, ANDRES
MOODY, KAZUKO N
MORAN, OLGA L
MUNOZ, ENRIQUE
NELSON, JEREMIAH
NERI, FRANCISCO
PARRA, JORGE B
PEARCE, ANDREA
PLATERO, JUAN A
RAMIREZ, MARIA C
RAMOS, JORGE B
RICCI, JOYCE E
RIOS, MARIA
ROBINSON, ESTEBAN
RODRIGUEZ, ANNE C
ROSAS, TERESA
RUBIO, MARIA I
SALAZAR, JOSE M
SANDOVAL, MANUEL
SCRUGGS, JENNIFER L
SOTO, ENRIQUE
THOMAS, HARRISON L
TOFAN, RAY
UVINA, CARLA
VAZQUEZ-ESCALANTE, JUAN
YORBA, HECTOR Y
YOUSIF, JOSEPH

1585 ALEXANDER, DANIEL R
ALVARADO, MARIO L
AVILA, LISA I
CONTRERAS, RICARDO R
CUEVAS, ABRAHAM A
GARCIA, SARA
GARIBAY, ESTELA
MARTINKA, CARMELA R
NICHOLS, SHAUNA
OJEDA, GUADALUPE
PALAFOX, ROBERTO A
PATTERSON, CLIFFORD W

MENDOCINO DR 2010 (Cont'd)

1585	PEREZ, EVA A
	ROBLEDO, DANIEL U
	TIMM, GARY P
	VILLANUEVA, JOHN O
	WHITE, RONALD G
1592	BADRI, SARMAD S
1595	ADAMS, DAVID M
	ALFARO, DAVID D
	ALMAGUER, ROCIO
	AMAYA, ANTONIO
	ASHRAF, HASSAN
	BREITFELDER, LARRY J
	ESCALANTE, MIGUEL B
	GARCIA, JOSE J
	GENZ, LAWRENCE E
	HAMLETT, SANDRA P
	LIZARRAGA, IGNACIO G
	MAINS, ROBERT A
	MATA, CONCEPCION G
	MAYA, CRUZ M
	OLACHEA, ANTONIO
	ORTIZ, PATRICIA
	PRECIADO, CARLOS
	RAMIREZ, VICTOR M
	ROHLMEIER, RICHARD R
	ROMO, MARTHA A
	SAN DIEGO COUNTY PLUMBING
	SCARAFIOTTI, FRED J
	SCHWARTZ, KENNETH R
	SCOUTEN, STEVE L
	TAMEZ, MONTSE
	TOFAN, RAY
	VILLANUEVA, ELVA
	VONG, PEO V
	WERNER, HARALD H

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2010

991 REYES, GABRIEL R
995 OCCUPANT UNKNOWN,
PAVEPROS CONSTR UCTION
999 MOWERY, GARY L
1004 CONNOLE, DENNIS L
1005 RAMIREZ, ERNESTO
1008 CASTANEDA, HONORIO
1010 RAIRDON, PATSY J
1014 VELASCO, GERMAN M
1023 HART, DAHLIA P
1029 CROCKETT, LORENE L
1033 METZ, LISA M
1036 OCCUPANT UNKNOWN,
SIMPLY THE BEST NUTRI & WEIGHT
1037 TRAMMELL, MICHAEL E
1042 PIMENTEL, AGUSTIN
1043 CASAS, JULIETA I
1048 MURRAY, WALTER L
1055 DAYTON, MICHAEL P
1060 BORREGO, SILVIA L
1061 OCCUPANT UNKNOWN,
1065 CASTILLO, ADAM E
1066 BAILEY, DON R
1071 LOPEZ, JOSE
1072 WILLIAMS, KEVIN D
1075 PATTERSON, FRED A
1081 GONZALES, JOSE R
1082 AHMAD, SHABBIR
1085 BAIER, ALAN A
1090 CARTER, DARNELL
1091 WEBB, JANICE T
1096 BAUER, BRECKON J
1097 FRISON, BERNARD D
1102 OCCUPANT UNKNOWN,
1106 MEZA, RICHARD M
1112 BARAJAS, OCTAVIO I
1118 DEDDEH, NASSER H
1124 CANEDO, ALBERTO
1128 MONTES, LOURDES E
1132 FERNANDEZ, GUILLERMO M
1138 COPELAND, STEWARD A
1142 STILES, MARY C
1148 ALEJANDRO, LUIS C
1152 MENDOZA, DAVID
1158 LUTZ, RICHARD R
1162 ALLPRO MAINTENANCE & REPAIR
POLLARD, TIM N
1172 ROGERS, JUNE C
1178 BINDER, DOROTHY I
1188 DRESCHER, GEORGE G

OLEANDER AVE 2010 (Cont'd)

1220 NELSON, ALEX
SOUND & LIGHT CAB
1228 BRZEZINSKI, LEONARD J
1244 GIMUTAO, JOSEP H
1262 MUCK, RONALD J
1270 SANCHEZ, HECTOR A
1278 OCCUPANT UNKNOWN,
1286 ARANGURE, LUIS E
1294 FAUSTO, JUAN M
1301 BOYS & GIRLS CLUB CHULA VISTA
SMALL WONDERS PRESCHOOL
1302 MORALES, VIVIANO R
1312 PLOTKO, GALINA B
1322 AGUIRRE, SANDRA C
1332 DURANT, D A
1342 PRESTON, RAQUEL P
1368 ARCE, ROCIO
CASTOR, EDUARD
DAVILA, ARTURO S
DERR, MICHAEL
MARTINEZ, DIONICIO
MENDOZA, MARTIN
VILLANUEVA, M
1374 OCCUPANT UNKNOWN,
1378 OCCUPANT UNKNOWN,
1383 OLLIER, DONALD O
1384 OCCUPANT UNKNOWN,
1388 VANZUIDEN, EVERETT E
1389 DAVIS, EDWARD W
1392 VERHOEVE, PAUL E
1398 PEER, JOSEPH R
1400 VALENCIA, EDWARD R
1402 LETICIA MUNOZ FAMILY CHILDCARE
MUNOZ, MANUEL M
1404 HUNTER, MARIANE
1406 OCCUPANT UNKNOWN,
1407 WALKER, TANISHA R
1408 DIMASE, MARIA A
1409 MONZON, ROMEL
1411 BALVANEDA, ARMIDA F
1413 CENTENO, HECTOR C
1415 BICE, BOYD F
1417 CANIZALEZ, JOSE A
1418 MOKRY, WILLIAM V
1419 ADAME, DAVID J
1420 OCCUPANT UNKNOWN,
1421 CORTEZ, VICTOR
1422 OCCUPANT UNKNOWN,
1423 VILLAFAN, DANIEL
1424 BECERRIL, JESUS A

OLEANDER AVE 2010 (Cont'd)

1425 BYERS, RANDALL H
1426 VASQUEZ, FERNANDO S
1427 GARCIA, TOMAS A
1428 DELAROSA, DAVID
1429 ALVAREZ, AMELIA G
1430 MCCOURT, JOHN
1432 RAMIREZ, ALFREDO T
1437 ROSS, KEN L
1443 SENIOR, JOHN T
1447 WELSH, HELEN
1453 OCCUPANT UNKNOWN,
1457 RODRIGUEZ, ROLANDO O
1463 LUQUIN, JORGE J
1467 ZARATE, RALPH O
1485 STALLINGS, TED F
1489 DEOCA, MIGUEL M
1493 CASTRO, LOURDES M
1500 CRUZ, PACITA R
1501 PELAEZ, MANUEL
1502 OCCUPANT UNKNOWN,
1503 JULIEN, BRIAN E
1504 ARREDONDO, KATTY
1505 BROWN, GARLAND
1506 JARAMILLO, RAMONA M
1507 GAMBLE, HENRY M
1508 PALENCIA, MAX P
1509 SALAZAR, FELIX
1511 JODZIO, SCOTT M
1512 ARENAS, PEDRO
1514 WEBER, JOE L
1515 VALLE LINDO ELEMENTARY SCHOOL
1516 SANTOS, MIGUEL A
1518 CARSON, DENNIS P
1522 SCHUTZMAN, SUSAN D
1524 HERNANDEZ, DUKE C
1525 CHONG, HANES D
1526 KUKLA, STEVEN E
1527 OCCUPANT UNKNOWN,
1528 FLORES, PETER C
1529 WILSON, GLENN K
1530 CORDERO, ALVARO L
1531 ROBERTS, SUSIE S
1532 NORTH, GLADYS W
1533 COVARRUBIA, MARIA
1534 MURRAY, CHARLES S
1535 EUSTAQUIO, SUSANA
1536 SHIVERS, AENEAS M
1537 ALFREDO, ACEVEDO
1538 LOZA, RAMIRO G
1539 MORA, JOSE L

OLEANDER AVE 2010 (Cont'd)

1540	OCCUPANT UNKNOWN,
1541	HAMILTON, MIKE L
1542	CARPENTER, KAMIKA L
1543	TAFT, ROBERT S
1544	DOSS, THOMAS L
1545	JONES, TAKEKO G
1546	DOMINGUEZ, LUCIANO
1547	OCCUPANT UNKNOWN,
1548	FERNANDEZ, GABRIEL
1549	ARRECHEA, GEORGE N
1550	GUDINO, JOHN B
1553	RAYBURN, SANDRA L
1554	TRUJILLO, ALFREDO G
	VIZARRAGA, REBECA
1555	PEER, MARK A
1556	DORAN, MICHAEL W
1557	ROJAS, FRANCISCO X
1558	MCANELLY, ROBERT L
1559	MYERS, RONALD W
1560	SPILLANE, JERALD P
1561	GUIANAN, CEREAL L
1562	OCCUPANT UNKNOWN,
1563	WAGNER, JACK J
1564	GOMES, SARA E
1565	FINN, CHARLES W
1566	ORTEGA, ANTONIO
1568	BARRANCO, F
1569	OCCUPANT UNKNOWN,
1570	LOZANO, ESTELLA
1571	DENNIS, WALTER E
1576	MUNFORD, WILLIAM R
1577	GAFFNEY, JOSEPH S
1580	ONTIVEROS, JESUS
1587	RUSSELL, ANTHONY W
1591	OCCUPANT UNKNOWN,
1595	MONTALVO, JUAN A
1608	ESPINOZA, DAVID
1616	TURNER, GEORGE P
1620	OCCUPANT UNKNOWN,
1621	LOPEZ, LINDA L
1624	COTA, LILIA
1627	ARAIZA, EDUARDO A
1628	HENNING, MICHAEL V
1632	JOHNSON, CURTIS M
1633	GONZALEZ, MARIA M
1636	HERNANDEZ, ENRIQUE G
1637	RUSS, LINDA L
1640	MARTINEZ, RAUL A
1644	HOFFMANN, ROBERT W
1648	DECASAS, CORNELIO

OLEANDER AVE 2010 (Cont'd)

1649	HUNT, JOAN E
1651	RODRIGUEZ, JOSEPH
1652	VARGAS, ELVIRA
1655	OCCUPANT UNKNOWN,
1656	MCCALL, NORMA J
1657	LUCERO, CRUZ A
1658	BINER, MARK F
1661	TOTH, KAROLY
1664	GILBERT, ALFREDO L
1665	OCCUPANT UNKNOWN,
1668	SMITH, DANA P
1669	VASQUEZ, DAVID G
1672	COVARRUBIAS, LEONARDO J
1673	OCCUPANT UNKNOWN,
1676	GILBERT, DUANE A
1677	MARSCH, MICHAEL C
1681	WOODHOUSE, DONALD C
1685	OCCUPANT UNKNOWN,
1689	NELSON, RONALD L
1693	COVARRUBIAS, CHRISTINA C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TANOAK CT 2010

510	AKERS, JOSEPH
511	MARTINEZ, EZEQUIEL T
512	HAHN, EUSTOLIA
513	MENDIVIL, MARIO
514	OCCUPANT UNKNOWN,
515	ROMIO, JOYCE K

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TIMBER ST 2010

503 AVILA, EDWARD A
505 LASKA, ROBERT D
507 SOTO, MARTHA
508 MORILLON, MARCELL
509 IBARRA, CLAUDIA G
510 BOYLE, KEVIN G
511 GUERRA, MARTIN S
512 DEMICH, ALLEN
513 KENNEDY, NOLAN R
514 DURSO, THOMAS A
515 KNEPPER, JASON R
516 HERNANDEZ, GABRIEL C
517 DELEON, EDUARDO Y

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2005

1481	SAID, HERBERT L
1487	CARREON, DANIEL R
1491	PEREZ, VICTOR M
	VP PUMPING
1501	ALARCON, YOLANDA
	JOHN WILLIAMS HOME THEATRE CN
	MCGINNIS, ROBERT M
	REYES, ALBERT
1505	CECENA, ERNESTO
	IBANEZ, JOSE J
	MONARREZ, SILVANO E
1655	BRANDYWINE LIQUOR & DELI
	CORZY CORNER
	EL POLRTAL
	LUNA, GUILLERMIN G
1665	ALFARO, LUIS
	AMERINE, TIM
	BALA, WENDELL
	BAUER, MICHELLE A
	BERNAL, HAYDEE
	BOLIN, RICHARD R
	CASPER, RICHARD J
	DEAN, ANTHONY D
	ESCOBEDO, MARGARET
	FERNANDEZ, LUISA M
	GONZALEZ, GABRIELA
	GRIMSLEY, EUGENIA C
	HANSCOM, ZAC
	HARDIN, DONAL A
	HERNANDEZ, PATRICIA
	HESTER, TIM J
	HOUSTON, CORNELIUS D
	IBARRA, STACY
	KARAMOTO, JOE N
	KINDERMAN, D
	KING, MARY
	LIMA, LUPE
	MIRAMAR, O
	MOODY, JESSE
	MUNOZ, JUAN A
	PALLASIGUE, J V
	PAXTON, EVANGELINE E
	RENE, B
	ROBSON, EDWARD
	ROJAS, CHANTELL
	SALAS, BERTHA S
	SAMPANG, MICHAEL T
	SANCHEZ, ALFONSO B
	SODERBERG, SVEN
	VALLE, KARLO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2005 (Cont'd)

1665	VEGA, JOSE A
	VILDEARANA, RUTH
	YANG, SUNHEE
	YASUTOMI, MARITESS B
1669	BARAJAS LORENA
	DIRECT MAIL TO GO
	WEST COAST MAILING & DISTRIBUTION
1670	STATIC CONTROL COMPONENTS INC
	VSE CORP
1675	ANTEON CORP
	ANTEON FLEET SUPPORT
	DRESSER RAND CO INC
	UNITED STATES CONTAINER CORP
1685	HYSPAN PRECISION PRODUCTS INC
	WABP MANAGER INC
1690	JOHNSON C LLOYD CO WEST COAST DIVISI
	LYON ELECTRIC CO INC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005

505	NYPRO SAN DIEGO INC
515	J T U S A INC
	JT USA PRESS
745	EAGLE FRESH PRODUCE
	GLOBAL MEXPORT LLC
	MENDOZA, ABEL
	SWEET SPECIALTIES INC
755	TOCABI AMERICA CORP
2001	SWISS PARK & CLUB
2240	ALMA C CLEANING SERVICES
	BENDECK PUMP & EQUIPMENT CORP
	BH TOOLS
	BIO DENTAL LAB PRO INC
	G & M FLAGS & BANNERS
	LANDEROS PLUMBING
	PARTS & TOOLS LLC
	RAWHIDE DIST OF BRAIDED PRODU
	RAWHIDE DISTRIBUTING INC
	RUBENS WOODSHOP
	WEST COAST AUDIO & VIDEO
	YANDERY MANUFACTURING
2244	BRITTANIS COSMETICS INC
	CALIFORNIA MAGNETICS
	CANDY EL PECAS
	CARDENAS REFRIGERATION
	CARDENAS RESTAURANT EQUIPMENT
	CORNEJO, ROBERTO M
	EL SOL DE MEXICO SPICE CO
	FRUTTI FREEZE
	LAP STEEL ORNAMENTAL METAL
	MBG EXPORTS & SALES INC
	SAN DIEGO INDUSTRIAL SUPPLY
	STYLE BOYZ PRODUCTIONS
2248	AKER INTERNATIONAL INC
	AKER LEATHER PRODUCTS INC
	CANDY LPECAS
	JOB OPTIONS INC
	MARIND INC
2252	AMERICAN HEALTHCARE ASSOCIATES CORP
	BAJA PUMP USA
	BANIAN TRADING CO
	BEST GLASS
	DBEZ IMPORTS INC
	DONATE CONSTRUCTION CO
	EXCLUSIVE MERCHANDISE CO
	FRIO O CALIENTE
	INTER CAL HYDRAULICS
	JADE BEAUTY SUPPLY
	LOS RAYOS DE SAN DIEGO
	SCS ALARM TECH

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

2256	BIBBEYS SHELLS & ROCKS
	C AND E LEATHER GOODS
	CELICEO, STEPHANI
	CIPESA INC
	FLEX DISTRIBUTORS
	ILO DISTRIBUTION INC
	INDUSTRIAL AUTOMATION AND CONTROL
	JME ENTERPRISES INC
	SAMS UPHOLSTERY
	SAN DIEGO COMMUNICATIONS INTERNATION
	SEW & SEW LLC
2260	2260 MAIN ST STE 7
	ADA FABRICATION
	ALPHABIT HOME & OFFICE COMPUT
	AMERICA TAX
	ANCIRA, TAMALES
	ANDERSON PLUMBING & REMODELING
	BASTAN CORP
	FASTENAL CO
	FELIX DISTRIBUTORS
	GONZALES T MIGUEL INC
	ISM AUDIO VIDEO SERVICE
	ISM ELITE MEDIA
	ISM ELITE MEDICAL
	MINUTEMAN PRESS OF CV
	SAMMYS KITCHEN & BATH
	SINGER SEWING SERVICE
	TADEO WHOLESALE BUSINESS MACHINES
	WORLD TANG SOO DO ASSOCIATION FAX LI
2317	BAJA CLUB INC
	PUBLIC STORAGE
2320	SECURITY ORNAMENTALIRON WORK
2350	NICE & EASY AUTO BODY & PAINT INC
2365	WEST AUTO WRECKERS
2385	MAIN STREET MINI STORAGE
	PARMA PROPERTY
2400	AMERICAN TIRE DISTRIBUTORS
2402	EURPAC WAREHO ALES INC
	PS PICK UP / PUBLIC STORAGE
	PUBLIC STORAGE
2441	COPY LINK INC
2445	AM REMODELING SERVICE
	DECO WORLD LIGHTING CO
	FIVE STAR IRON WORKS
	FNS SPORTS NUTRITION
	HANDY MINI STORAGE
	ORTEGAS UPHOLSTERY
2446	BOLTS & NUTS SUPPLY
	CARLOS E SAENZ CABINET
	CV AUTO REPAIR

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

2446	DUSTYS MULTI SERVICES & SALES
	EXTREME ENTERPRISES
	F & V MACHINE SHOP
	G & Z CHULA VISTA TRANSMISSION
	INSIGHT PAINT & DECORATING
	J & J BUILDING MART
	JESSES SMOG STATION
	JR DENTAL LAB
	MARK S SALDANA
	MARSCOT MARINE & INDUSTRIAL SUPPLY
	OCHOAS CABINETS
	PLANTIMEX DISTRIBUTORS INC
	REMEX
	RICARDOS CUSTOM COVERS
	RL STONE
	SALDANA, LOU
	SOUTH BAY AUTO GLASS
	TILE FORCE
	UNO TOOL & SUPPLY CO
	XTREME ENTERPRISES INC
2462	CHRISTYS PRODUCTS
	OAK LAND FURNITURE INC
2465	GROUPO DESPERTAR RECUPERACION DE ALC
	MC ROOFING CO
2471	A MUDANZAS INTERNATIONAL
	ANER ENTERPRISES INC
	ARQ DESIGN & DRAFTING
	CA S FURNITURE INSTALLATION INC
	CHINAS EXPRESS
	CIBRIAN CONSTRUCTION
	CID INTERNATIONAL
	DE LEON AUTO SALES
	EXPLORER AUTO SALES
	FANG YANG
	GATEWAY OFFICE SUPPLIES
	GLOBAL INTERNATIONAL
	INDUSTRIAL SOLVENT
	JEDA PHONE EXCHANGE
	LILIANAS TAX SERVICE
	PRO KAR PRODUCTS
	QUALITY MANAGEMENT SERVICES
	TONIS MOBILE REGISTRATION SERVICE
	TONIS MOBILE REGISTRATION SRVC
	VALLEY MEDICAL TRANSPORT
	VENTUM INGENIERIA SA DE CV
	WASHINGTON INCOME TAX & BOOKKEEPING
2474	DAR PRODUCT SALES
	FFF DISTRIBUTORS INC
	FRANK B WOOD
	FRANK, B

MAIN ST 2005 (Cont'd)

2474	KELCO PACKAGING WHSE
	MYERS TIRE SUPPLY
	SWE JON FLEXIBLE PACKAGING INC
	TEAM PROTOTYPE
2488	ALLTERAIN CUSTOM TRUCKS
	BERNAL IRON WORK
	BERNAL IRON WORKS
	CREATIVE CUSTOMS
	EURASIAN CAR PARTS
	FERMINS UPHOLSTERY SERVICE
	K & T CARPET SERVICES
	LUGOS ELECTRIC
	MARCOS CANOPIES INC
	MEX NATURA
	TOWER OF POWER MINISTRIES INC
	TRANSWORLD MEDICAL EQUIPMENT
	TUSSCANY JEWELRY & ACCESSORIES
	UNO TOOL & SUPPLY
2489	FREEBY, MARK
2490	GAFF USA INC
	SAN DIEGO WELDERS SUPPLY INC
	SOUNDELUX
	THE MAIN UPHOLSTERY
	WEST AIR GASES & EQUIPMENT INC
	WHOLESALE CLOTHING
	WORLDTRADE BIZ
2513	MJP ENTERPRISES INC
	POLOS AUTO PAINT SUPPLY
	ROMAN, MARIA
	ROMANS TRUCK BODY & PAINT
	ZAMUDIOS WHOLESALE TIRES
2514	SANTA FE MEATS
2516	S & C FURNITURE
2520	A & F AUTO REPAIR
	COMERCIALIZADORA V C S
	COMMERCIAL LIZADORA BCS
	EUROART
	HAQUERICO CALIFORNIA
	J & SMOG
	LOS BUENOS SMOG AND TUNE
	MBL AUTO ELECTRIC
	MEZA PAINTS
	OSCARS UPHOLSTERY
	QUALITY COAST INC
	REYNALDOS MEXICAN FOOD CO
2524	CHAAM INVESTMENTS INC
	COMERCIALIZADORA IMPORTADORA EXPORTA
	MEDICAL REPAIR CENTER
	PUMP PIN HAIR BOWS
	TRANSWORLD MEDICAL EQUIPMENT

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

2524	YOLVIAN FLORES & JUAN LORA
2528	ACME BAG CO INC
2530	AUTOMOTIVE HEALTHCARE
	CRAZY GUYS COMMUNICATIONS
	EURO SPECIALTIES
	FIONNAS REGISTRATION SERVICE
	INTERNATIONAL REBUILT ENGINES
	MIKES AUTO REPAIR
	MIKEYS SNACK AND DELI SHOP
	OTAY TEST & REPAIR
	SANCHEZ AUTO REPAIR
	SEARS RBUCK DE MEXICO SA DE CV
	SERMAQ MACHINE MOVERS
	THE LOOK DETAIL & AUTO SALES
	THE NEW AUTO LOOK
2540	CAL PLASTICS & METALS
	GARCIA MEXICAN FOOD RESTAURANT
	JAIME & JAIME BOOKKEEPING SERVICE
	KIM, GERARDO L
	LOW RIDER EXPRESSIONS
	NEVADA NOVELTY GAMING INC
	POLLO AMIGO
	WEST COAST LOW RIDERS
	YOUR COMMUNITY
2550	PALOMAR IMPORTER & WHOLESALER
	WHOLESALE CLUB
2555	CHULA VISTA MOBILE STORAGE
2560	BEST MEXICAN PRODUCTS
	H & M WROUGHT IRON FACTORY
	INTERPOINT DATA SERVICES
2578	SUPPLIER AUTOMOTIVE REPAIR
2585	LEAF SALES INC
2586	ALFREDOS UPHOLSTERY
2615	ALL ROOFING MATERIALS
	ALLIED BUILDING PRODUCTS CORP
2620	ERNIES AUTO SALES
2627	THE TIRE GUYS
2638	BIRRIERIA SINALOA
	BOTANICALS BRIANA GIFTS
	DIAZ CHIROPRACTIC CLINIC
	HARDEX CUSTOM HARDWARE
	JUSTINO DIAZ DC
	MARISOL
	MARQUEZ GUADALUPE
	MARQUEZ, GUADALUPE
	MOOSE LODGE CHULA VISTA INC
2648	HARDEX
	HARDEX CUSTOM HARDWARE
	PERSPECTIVES IN REHAB
	SOUTH BAY MOBILE HOME SALES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

2648	UNISTAR AUTO INSURANCE
2650	ARIZONA RESTAURANT INC
2665	HSS RENTX
2667	EDDES TIRES MUFFLER & AUTO CENTER
2677	EDDIES TIRES & AUTO CENTER
	EDDIES TIRES MUFFLERS & AUTO REPAIR
2741	CARVAJAL, LILLIAN
2744	EDGAR AUTO SALES
2756	HOLSUM BAKERY
2765	EVERYTHING $ 5
	EVERYTHING 5 DOLLARS
	EVERYTHING 5 DOLLARS GOING OUT INC
	GOING OUT INC
	LA NATURAL TORTILLA FACTORY
2776	CHULA VISTA SELF STORAGE
	SD STORAGE
	SD STORAGE / CHULA VISTA SELF STORAG
2801	BAJA CALIFORNIA CYCLE INC
2817	MILLBROOK OUTLET STORE
	WEBER BAKING CO
2820	MAACO AUTO PAINT AND REPR S
2822	COAST OUTBOARDS & BOAT REPAIRS
2827	ONE STOP AUTO ELECTRIC
	PROBLEM SOLVERS AUTO ELECTRIC
	SENTRY SELF STORAGE
	TALLER MECANICO RUBENS
	TIRES GUYS
	VARELAS AUTO BODY
2830	PURPLE HEART VETERANS REHAB
2835	DESIGN CTR USA BEAUTY EQPMNT
	MITCHELL, ALMA
2837	OCCUPANT UNKNOWN,
2843	NAJERA, EVA C
	NEON SIGNS
	NEVAREZ, JOSE
	ROBERTO, VARGAS
	TINOS TV REPAIR & SALES
	WHEEL DEPOT
	XO AUCTION & FURNITURE
	XO AUCTION FURNITURE
2847	BERMUDEZ, CHRISTIAN
	CHRISTINA, A
	ESTRADA, MONICA
	GALAVI, M J
	HERNANDEZ, JUDITH
	LOPEZ, BERTHA
	MARQUEZ, MARIA A
	NASSIF, MARIA T
	NEWLIN, PAULA
	PEREZ, LOURDES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

2847	RAMIREZ, MARIA C
	RODRIGUEZ, JOSE
	THOMPSON, ELDON L
	WILLSEN, MARY L
2850	MEXAM ENTERPRISES INC
2865	JAVIERS LAWNMOWER SHOP
	SAN DIEGO SCREW PRODUCTS INC
	UNOS CUSTOM ELECTRONICS
2870	KINGDOM CARPET CORP
	SOUTHBAY CARPET DISTRIBUTORS
2887	ACOSTA, CONSUELO
	ALONSO, ISRAEL
	ARELLANO, ANITA
	ARROYO, GUSTAVO
	AVITIA, ELVIRA
	DAVILA, ALMA
	DUARTE, MIGUEL A
	ELENES, ROSA
	ESCOBAR, RUBIE S
	FLORES, BLANCA R
	GONZALEZ, JOSE D
	GREAK, GREGORY
	LECONA, ROBERTO
	LOPEZ, REBECCA M
	MACEDO, LEONARDO
	MAGANA, JAVIER
	MENDOZA, ISIS
	NAVARRO, SERGIO
	PORTILLO, ADRIANA
	REYES, TOMAS J
	SALDANA, ISIDRO
	SANTANA, ALEJANDRA
	STEGMANN, CRISTIAN
	TAYLOR, ROGER L
	VIRGEN, RAFAEL
2902	TIBURCIO, ERENDIRA
2906	MCCLELLAND, O
2910	CARMASTERS AUTO SALES
	J R AUTO SALES
2948	OCCUPANT UNKNOWN,
2952	ENGINE TECHS
2974	ALVELAIS, CATALINA
2976	BECERRA, LIDIA
2978	BALBUENA, FRANCISCO
	OCCUPANT UNKNOWN,
2980	OCCUPANT UNKNOWN,
	ROJAS, EDUARDO
3008	OVER THE BORDER
3031	ACTION TRANSMISSIONS & ATMTV
	ACTION TRANSMISSIONS & AUTOMOTIVE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

3031	AT CUSTOM TRUCKS
	AUDIO XPERTS
	AUTO BODY
	BAD BOYZ ALIGNMENT & SSPNSN
	CLASSIC AUTO DETAIL
	CUSTOM CAR AUDIO
	EVANS TRANSMISSIONS
	HIGH GEAR TRANSMISSION
	HYDRO PNEUMATIC SUPPLY
	LEDEZMA TIRE & MUFFLER 2
	LEDEZMA TIRES
	PALACIO DEHIERRO IRONWORKS
	TEAM SMOG
	THE BRAKE STOP
3046	RUIZ, CAROLINE
3048	CUEVAS, JOE
3050	FUENTES, ALFREDO
3054	ZEHM, BONNIE L
3080	OCCUPANT UNKNOWN,
3121	BELLAMA CUSTOM METAL FABRICATORS INC
	HYUNDAL LIVART FURNITURE OUTLET
	ISLAND WOOD AUTOMATION INC
	MASK U S INC
	MYTURN SPORTS
	PHV CUSTOM CABINETS
	RUTHY SEROMA LOCKET
	THREE MOSQUETEERS CO
3124	DOUBLE AA TIRE CO
3129	BELLAMA CUSTOM METAL
3130	BEADING ESSENTIALS
	ERNESTOS BEAD HOUSE
	ERNESTOS BOUTIQUE
	LOJAS, PHILIP
3134	ACEVEDO, ARTURO
3136	SAN DIEGO ORTHOPEDIC SUPPLIES
3141	CHULA VISTA
3149	FRATERNAL ORDER EAGLES AERIE
3150	ARIZALA, MARIA
3151	MIKES RECYCLING
3156	SUPER DISCOUNT
3187	UNITED STRUCTURAL STEEL
3189	BOBAR LIQUOR I
3190	BP ARCO STATIONS
3205	ALLEN GAS
3211	LAKESIDE AUTOSALES
3218	CASA MENDOZA
	LA SIERRA CAFE MEXICAN FOOD
	LOMAS CAFE MEXICAN FOOD
	TERES HAIR STYLES
	UNLIMITED ACCESSORIES WAREHO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

3232	FIONNAS REGISTRATION SERVICE
	SOUND CREATION
	SUPER AUDIO
	X AUTOBODY
3236	BERGARS FERMIN
	F & V AUTO REPAIR / PARTS
	HERNANDEZ TIRES & RADIATORS CO
	JIFFY ROOTER
3261	AVANTI MOTORS
	ESTRADA METAL
	M C ROOFING
	SOUTH BAY RENTAL
	THE BONITA CONNECTION
3275	D S AUTO SALES
	WILLBANKS, ROLAND J
3303	AIRGAS
3308	MONTIJO, IGNACIO
3311	ALL STAR GLASS CO
3316	ROXANA, FERNANDEZ
3326	HERRON KENNETH E DVM
	PET CLINIC THE
3328	PACIFIC AUTO GROUP INC
	SOUTH BAY AUTO SALES
3342	OCCUPANT UNKNOWN,
3358	SOTOS TRANSMISSIONS
3366	MENDOZA, F O
3390	COUGAR MOTORS
3416	PINEDA, ANDREA G
3434	OCCUPANT UNKNOWN,
3436	ABRIGO, L
	JNG LIQUIDATORS
	QUICK APPAREL
	RAEL FASHION
3441	COPY LINK
3443	EASYWAY TRANSPORT
3444	ALL CITY GLASS
3451	A & L WHOLESALE FOODS INC
3452	MACHADO, BONIFACIO P
3460	VALLE-OLLERVIDES, MARIA E
3461	HEARTLAND MEAT CO
3468	AMERICAN PARTS INTERNATIONAL
	GONZALEZ JAVIER
3470	GONZALEZ, MARIA S
3480	BETANCOURT, ROSALINDA
3487	ABRE ENTERPRISES
	ABRE TOWING
	ESPARZA TIRES 4 LESS
	PAXTON TOWING
	TOP DOGS USA
3490	MOTTA, ANA M

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

3494	B A RAMIREZ AND SONS ORNAMENTAL IRON
3513	PLATTS TOWING
	SAN DIEGO PARKING ENFORCEMENT
3517	AMERICAN TOWING & AUTO DISMANTLING I
3525	ALL PRO PAINT & BODY
	ALLPRO PAINT & BODY OF KEARNY MESA
	BROWN PAUL SOUTH BAY RECYCLING
3554	OTAY REC CENTER 1495
3610	AL L ROOFING MATERIALS
3611	BURRIS GARAGE
3630	ARTS CATERING/LIC
	BITE OF BAJA
	KIKOS PLACE/5G52194
	KONANS TACOS/LIC
	MARISCOS EL PAISA
	SAN DIEGO COUNTY CATERERS INC
	SDCC TRUCK REPAIR INC
3645	PAUL BANKE AUTO SERVICE
3650	A T C VANCOM INC
	SARDINAS R ENRIQUE
3679	ECONOMY UPHOLSTERY
	VICKIS HAULING SERVICE
3708	AMEZCUA, JOSE L
3712	ICF US
	MISSION MEDICINES CO
	PREMIER CAPITAL MARKETING & CONSULTI
	PREMIER CAPITAL MRKTNG & CNSLT
3730	LAMAR SPACE INC
3733	WORLD WIDE PETROLEUM CO
	WORLDWIDE PROTRLEUM CO INC
3740	COLLISION PARTS WAREHO
3755	HILLTOP MAIN SELF STORAGE
	OCCUPANT UNKNOWN,
3800	ALSON INTERNATIONAL TRADING INC
	AMC OF CALIFORNIA
	AMERIVACS
	COLUMBIA WHOLESALERS
	EMPLOYEE RELATIONSHIP MANAGEMENT INC
	LALUPE LLC
	MAIN CLUTCH CO
	PEDRO ALONZO
	SAN DIEGO CONVEYOR INC
	WORLD IMPORTS INC
	WORLD IMPORTS WHOLESALE RETAIL
3802	AB SOLUTE FITNESS INC
	AUTOCANNON INC
	CIMA CAPITAL LLC
	CPM ELECTRONICS INC
	HIKAM AMERICA
	INTERNATIONAL SAN DIEGO SUPPLIER

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

3802 PARTCHS GRAPPLING ACADEMY
SOUTH BAY TAEKWONDO ACADEMY
3804 BULLPEN BASEBALL SFTBL ACDMY
MVP BASEBALL SOFTBALL ACADEMY
SAN DIEGO CONVEYOR CO
SPECIALTY TEXTILE SERVICES
SUPERIOR WHOLESALE TIRE INC
TREND MARKETING CORP
3817 J & W LUMBER CO
SCHORTZER, JOHN W
3819 OCCUPANT UNKNOWN,
3855 RBNS INC
3885 PIMENTEL, RICARDO
SENTRY SELF STORAGE
3905 GENESIS WHOLESALE CAR DEALER
LEON, PHILLIP I
3917 ROJAS, NORMAN
3925 MACIAS, RODOLFO C
3930 ZAVALA, GUILLERMO
3968 ARMENTA, ORLANDO
BERUMEN, JOSE A
3978 GANT, ROY
3984 MATEOS, FRANCISCO C
3988 DIXON, ZILPHIA A
3992 BRADSHAW, CRAIG M
3998 BROWN, CHARLES L
4030 MINCHACA, ARTURO
4031 PEREZ, ANTONIO M
4032 AYALA, MARTHA A
4037 RODRIGUEZ, WENDY
4038 HUERTA, JUAN M
4039 GUTIERREZ, HUGO C
4040 OCCUPANT UNKNOWN,
4043 PANGASINAN, BEATRIZ G
4052 GILLESPIE, EVELYN L
4053 RAMIREZ, DAVID B
4057 HAM, CELIA M
LANDEROS, FRANK
4067 CASTANEDA, ANDRES I
4075 LOPEZ, SAMUEL E
4081 ROMERO, JAZMIN
4087 OSORIO, YESENIA
4104 OCCUPANT UNKNOWN,
4112 CHISHOLM, JAVIER
4300 SOUTHWEST CONVENIENCE STORE
4340 HAIR ADDICTIONS
4360 ALVAREZ MINI MARKET
CIAO ITALIAN RESTAURANT
CIAOS ITALIAN CUISINE
ELDORADO CLEANERS & LAUNDRY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2005 (Cont'd)

4360	HAIR REFINERY
	PALM RIDGE GROOMING GALLERY
	WIRELESS PROS
4380	ARSA INSURANCE SERVICES
	BOBAR NO 5
	OPTIMA ADMINISTRATIVE SERVICE
	SHARP BARBER SHOP
4430	PACIFIC MART
4450	OTAY HOSPITALITY INC
4501	COTA, OSCAR
	DAVIES, CARMEL
	HERNANDEZ, JAVIER
	J & G TOWING
	JIMENEZ, ENEDINA E
	LIRA, CRUS Y
	MCELWAIN, JAMES
	MONTECITO WIPING RAGS
	NAKANO, T
	PACO TRUCK REPAIR
	PONCE, CARLOS R
	RAMIREZ, DANIEL
	SALDATE, RICARDO O
	SOUTH BAY STORAGE
	VALLES MACHINE SHOP
4551	OTAY PALLETS
4555	OTAY VALLEY SHELL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2005

1545	ZAVALA, KAREN
1555	ANGULO, IRMA
	BRATTEN, GEORGE W
	BURNS, JUDITH E
	CARRANZA, CONCEPCION
	CHAIDEZ, CONSUELO
	CHURCH, CHARLES V
	COOK, STEVEN
	COSTA, ROGER E
	CUETO, PEDRO P
	ELUERE, CARL D
	FARIAS, LUIS E
	FULGHAM, OCTAVIA L
	GONZALEZ, CARLOS A
	GONZALEZ, JOSE J
	GONZALEZ, MARIA Y
	HOLMES, CHARLES
	KING, LOUISA
	LOPEZ, JESUS A
	LOPEZ, RUSS
	MAGNUS, ROSA
	MCQUIEN, ROBERT S
	MELLO, PAM J
	MICHEL, VALENTIN
	NOYA, RONALD
	PEPLER, JAMIE J
	RESENDEZ, MIGUEL N
	ROBERTSON, JEREMIAH
	RODRIGUEZ, P R
	SANTANA, JOSE
	SHIKMAN, MARIA J
	TALAVERA, LETICIA
	VALENZUELA, ALEXANDER S
	VALLIN, SHERRIL D
1565	AGUILAR, EVERARDO V
	ALCANTARA, EMELY F
	ARAIZA, EDUARDO
	BAKER, BRITTANY
	BALDERAS, OSCAR
	BELISARIO, BERNARDITA B
	BUCHHOLZ, STEVE D
	CASTRO, LUIS M
	COLDING, JAY
	JAIME, TOM J
	MERAUX, HECTOR
	MIRANDA, JUAN C
	NIETO, CENOBIA G
	NOEL, RONALD F
	OBESO, CARL G
	ORTIZ, CRISTOBAL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2005 (Cont'd)

1565 PEREZ, DIANA
PIMIENTA, MARISELA
PRECIADO, BERSABEE
RODRIGUEZ, SANDRA
SANTOS, MOISES
TAPSCOTT, PENNY
VILLA, LETICIA

1575 AGUIRRE, DAVID
ASCALANTE, BLANCA G
COLDING, WILLIAM L
DIXON, MICHAEL
GILBERT, STEPHANIE D
GRANADOS, BENJAMIN
JOSE, BUENO
KOPACZEWSKI, KEN J
LEVERTON, LEWIS L
MACIAS, JESUS
MARTINEZ, MARTIN
NUNEZ, ENRIQUE
RODRIGUEZ, EDUARDO
RODRIGUEZ, GERMAN
ROSALES, ROSAALBA
RUSSELL, LYNN D
SANTANA, FRANCISCO
SMITH, GARRIN P
STEWART, EARL E
TIZNADO, ADRIANA
VASQUEZ, VICTOR
VELASCO, SEBASTIAN
YESCAS, RAUL
ZEPEDA, JUAN M

1580 AGUILER, GABRIEL R
ARIAS, CARMEN R
ASCENSION CLOTHING
AUTO LOCATORS
BETTGER, JEFFREY G
BLACKGOAT, CLAUDINE
BROWN, KEN W
CARDENAS, JORGE
CASTRO, EVERARDO P
CHANCELLOR, JUDY A
CHAVEZ, FRANCISCO
COBIAN, LILLIA I
CORTEZ, YASMINA
COTA, BEATRIZ
CRUZ, B J
DAGER, JOEL
DELASIERRA, ANDRES
DELATORRE, LUIS O
DIAZ, DANIEL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2005 (Cont'd)

1580 DIAZ, MANUELA L
FABELA, FRANK
FRANCIA, CYNTHIA M
FRANKEN, GEOFFREY A
GABRYELSKI, BRIAN
GALINDO, PEREGRINA R
GALLEGOS, PHILLIP
GARVEY, TREVOR S
GASTELUM, CESAR
GOMEZ, GRISELDA L
GONZALEZ, ANGIE
GREEN, THOMAS
HENSON, WANDA L
HERRERA, HILARIO
IBARRA, AURISTELA
JAY & ESS ENTERPRISES
JOHNSON, CHRIS W
LOPEZ, LUCIA R
MALABAD, ROSE
MALDONADO, JUAN C
MARMOLEJO, GABRIEL
MCINTYRE, STEPHEN A
MOODY, ROBERT G
MORA, KARLA
MORAN, OLGA L
MORENO, FRANCISCO J
NOVILLA, JOHN
ORNELAS, ULISES
ORTEGA, FEDERICO
PARRA, JORGE B
PHOTO EXPEDITIONS 51
PIERRE, KYLE E
PINK, DEBRA A
RICCI, JOYCE E
ROBINSON, ESTEBAN
RODRIGUEZ, ANN C
RUBIO, LUIS
RUIZ, KAREN D
SALAS, AMELIO
SALAZAR, JOSE M
SANTILLAN, LOURDES R
SCHAEFER, ESTRELLITA M
SOTO, ENRIQUE
SVIHLIK, KENNETH E
TAYLOR, SYLVIA J
THOMAS, HARRISON L
URIBE, CYNTHIA
URIBE, PABLO
VARGAS, ENRIQUE
VASINA, CORI D

MENDOCINO DR 2005 (Cont'd)

1580 VASQUEZ, JOSE L
VILLA, MARIA C
WEBB, ULYSSES J
YORBA, HECTOR Y
1585 ALEXANDER, DANIEL R
ALVARADO, MARIO
ANTHONY, CELIA
CENTRO DE MOTIVACION Y DSRL
CHAVEZ-REYNA, SERGIO
CONTRERAS, RICARDO R
CUEVAS, ABRAHAM A
GARIBAY, MARIA E
HIMER, JOSEPH P
JA TOWING
MIRELES, DANIEL
NICHOLS, BETH
PATTERSON, CLIFFORD
ROBLEDO, DANIEL U
SALAS, ADOLFO G
TIMM, GARRET
VILLANUEVA, JOHN O
WHITE, RONALD G
1592 BADRI, SARMAD S
1595 AVILA, A
BULLOCK, JOHN E
CAPETILLO, FRANCISCO M
CORONADO, ROBERT
DYE, LISA M
EDETEL COMMUNICATIONS
ESCALANTE, MIGUEL A
GARCIA, JOSE D
GENZ, LAWRENCE E
GIL, HECTOR
GONZALEZ, EDGAR
GRACE, MICHAEL E
HAMLETT, SANDRA P
HARTFORD, JAMES E
HERRERA, JOSE T
HOLGUIN, JUAN P
HOWARD, GARY L
JONES, KAYLA
LIZARRAGA, IGNACIO G
MAINS, ROBERT A
MAYA, CRUZ M
MCKAY, ROY W
MICHAEL, JAMES
MILES, GAIL
MURILLO, MARILU N
OWENS, BRITTANY
PRECIADO, VICTOR M

MENDOCINO DR 2005 (Cont'd)

1595 ROHLMEIER, RICHARD R
ROMO, MARTHA
SALAZAR, MIRIAM
SCARAFIOTTI, FRED J
SCHWARTZ, KENNETH
VARGAS, AUREO
VILLANUEVA, ELVA
VONG, PEO V
WARNER, HARALD F
ZAZUETA, GABRIELA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2005

991	REYES, GABRIEL
995	HERNANDEZ, RUBEN N
999	MOWERY, GARY L
1004	CONNOLE, DENNIS L
1005	TELLAECHE, AMOREENA
1008	CASTANEDA, HONORIO
1010	OCCUPANT UNKNOWN,
1014	HARIZ MEDICAL TRANSPORTATION
	VELASCO, GERMAN M
1019	POWELL, O
1023	TREVINO, DAVID A
1029	CROCKETT, LORENE L
1033	KOTTKE, DONNA F
	METZ, DONALD R
1036	ER HANDYWORK
	TAMAYO, ENRIQUE R
1037	OCCUPANT UNKNOWN,
1042	PIMENTEL, AGUSTIN
1043	CASAS, JULIETA I
1048	MURRAY, LOUIS U
1055	THORNTON, CORY
1060	PAREDES, MARIA A
1061	ROBERTS, LORRI D
1065	LOPEZ, ROBERT C
1066	BAILEY, DON R
1071	OCCUPANT UNKNOWN,
1072	WILLIAMS, KEVIN D
1075	PATTERSON, FRED A
	STEIN, BRIAN J
1081	YUTSUS, JOHN C
1082	AHMAD, SHABBIR
1085	BAIER, ALAN A
1090	MELLOS, REBEKA
1091	WEBB, JANICE T
1096	CASILLAS, EDUARDO O
1097	FRISON, BERNARD D
1102	NIEBLA, CHRIS G
1106	AGUSTIN, CARREON
1118	DEDDEH, NASSER H
1124	MILLING, JAMES A
1128	MONTES, LOURDES E
1132	FERNANDEZ, JORGE D
1138	COPELAND, STEWARD A
1142	STILES, MARY C
1148	OCCUPANT UNKNOWN,
1152	MARQUEZ, HENRY B
1158	LUTZ, RICHARD R
1162	POLLARD, TIMOTHY N
1168	CRUZ, CHRIS
1172	ROGERS, KYOKO N

OLEANDER AVE 2005 (Cont'd)

1178 BINDER, DOROTHY O
1188 OCCUPANT UNKNOWN,
1220 NELSON, ALEX
SOUND LIGHT CAB
1228 BRZEZINSKI, LEONARD J
1236 OCCUPANT UNKNOWN,
1244 GIMUTAO, JOSEP H
1262 BP MARINE & SUPPLY
MUCK, RONALD J
1270 SANCHEZ, HECTOR A
1286 ARANGURE, LUIS E
1294 IMME, TIMOTHY B
1301 BOYS AND GIRLS CLUB OF CHULA VISTA I
MOSHER, W S
1302 MORALES, RENE A
1312 GALLAGHER, TIMOTHY J
1322 AGUIRRE, SANDRA C
1332 DURANT, D A
1342 PRESTON, RAQUEL S
1368 CARAVEO, A
DERR, MICHAEL
HENDERSON, VICTORIA
WHEELER, SOFIA
1374 OCCUPANT UNKNOWN,
1378 CANEDO, JUAN
1383 OLLIER, DONALD O
1384 OCCUPANT UNKNOWN,
1388 VANZUIDEN, EVERETT E
1389 MORRIS, ISMAEL M
SHATERED
1392 VERHOEVE, PAUL E
1398 OCCUPANT UNKNOWN,
1400 VALENCIA, EDWARD R
1402 LETICIA MUNOZ FAMILY CHILDCARE
MUNOZ, MANUEL J
1404 HUNTER, ROBERT E
1406 BELL, MICHAEL T
1407 SAMUDIO, DAVID G
1408 DIMASE, MARIA A
1409 CIRCLE CITY ENTERTAINMENT
MONZON, ROMEL
1411 BALVANEDA, JORGE
1413 OCCUPANT UNKNOWN,
1415 BICE, BOYD F
1417 GONZALEZ, LOUIS
1418 MOKRY, WILLIAM V
1419 ADAME, DAVID J
1420 BARRAGAN, RICARDO H
1421 CORTEZ, VICTOR
1422 URIANA, S

OLEANDER AVE 2005 (Cont'd)

1423 PEREZ, ROSARIO G
1424 HAMILTON, JEFFREY K
1425 BYERS, RANDALL H
1426 OCCUPANT UNKNOWN,
1427 GARCIA, TOMAS J
1428 DELAROSA, DAVID M
1429 ALVAREZ, AMELIA
1430 MCCOURT, JOHN
1433 ERICKSON, ANTONE W
1437 ROSS, KENNETH L
1443 SENIOR, JOHN T
1447 OCCUPANT UNKNOWN,
1453 GARCIA, NOE
1457 RODRIGUEZ, ROLANDO R
1463 LUQUIN, JORGE J
1467 ZARATE, RALPH O
1485 DIRECT TO
STALLINGS, TED F
1489 OCCUPANT UNKNOWN,
1493 CASTRO, LOURDES M
1500 CRUZ, PACITA R
1501 PELAZ, ANTONIO H
1502 DAVIS, KEISHA N
1503 JULIEN, LOUISE M
1504 COLGIN, JAMES C
1505 LISCUM, CHARLES B
1506 OCCUPANT UNKNOWN,
1507 GAMBLE, HENRY M
1508 PALENCIA, MAX P
1509 SALAZAR, FELIX M
1511 JODZIO, SCOTT
1512 ARENAS, PEDRO
1514 WEBER, JOSEPH L
1516 EIKAMP, JOE J
1518 CARSON, DENNIS P
1522 MOORE, SOPHEA
1523 OCCUPANT UNKNOWN,
SPALDNGS TAX SERVICE NON PRFIT SERVI
1524 HERNANDEZ, DUKE C
1525 GUERRERO, RAFAEL D
1526 KUKLA, STEVEN E
1527 ANGUIANO, JOSE
KBRON APPAREL CO
1529 WILSON, GLENN K
1530 C & C BUILDERS
CORDERO, ALVARO L
1531 ROBERTS, SUSIE S
1532 NORTH, GLADYS W
1533 CHAIREZ, ALFONSO
1534 MURRAY, CHARLES S

OLEANDER AVE 2005 (Cont'd)

1535 NIETO, ELIZABETH
1536 ARVIZU, NORMA H
1537 HAMAMATSU, T
1538 LOZA, RAMIRO G
1540 HAAS, DEAN J
1541 HAMILTON, MIKE L
1542 CARPENTER, DIANE S
WOMAN EXTRAORDINAIRE
1543 TAFT, ROBERT S
TOP GUN 80 SPORTSFISHING
1544 DOSS, THOMAS L
1545 JONES, DONALD G
1546 DESANTIAGO, OCTAVIO
1547 OCCUPANT UNKNOWN,
1548 ACEVEDO, ALFREDO C
1549 ARRECHEA, GEORGE N
1550 GUDINO, JOHN B
1551 BIBLES 4 EVERYONE
1552 WILSON, MILDRED E
1553 RAYBURN, GARY F
1555 RODRIGUEZ, ALFONSO B
1556 DORAN, MICHAEL W
1557 ROJAS, MARY M
1558 MCANELLY, ROBERT L
1559 MYERS, RONALD W
1560 OCCUPANT UNKNOWN,
1562 OCCUPANT UNKNOWN,
1563 WAGNER, JACK J
1564 CORONADO, VICTOR
1565 FINN, CHARLES W
1566 OCCUPANT UNKNOWN,
1568 BARRANCO, F
1569 ANDERES, ROBERT J
1570 CHARFAUROS, FELIX E
1571 DENNIS, WALTER E
1576 MUNFORD, WILLIAM R
1577 GAFFNEY, JOSEPH S
1580 ONTIVEROS, JESUS
1581 TINGZON, LUIS L
1587 OCCUPANT UNKNOWN,
1591 BALANAY, PONCIANO D
1595 MONTALVO, JUAN A
1608 GARCIA, JESUS A
1612 SAN DIEGO TOURS
TORRES, ABEL
1616 TURNER, GEORGE E
1620 AMS CONSTRUCTION CO
URIBE, ADRIANA
1621 ROMERO, RUBEN A
1624 LEANO, RAMON

OLEANDER AVE 2005 (Cont'd)

1627	ALL VALLEY REAL ESTATE
	BURNS, WILLIAM H
1628	HENNING, MICHAEL V
1632	JOHNSON, CURTIS M
1633	TOLBERT, CLINT
1636	BRYAN, MARY W
1637	RUSS, LINDA L
1640	MARTINEZ, RAUL A
1644	HOFFMANN, ROBERT W
1648	HASHIMOTO, NANI M
1649	HUNT, MILTON E
1651	GARRAHAN, VINCENT R
1655	PADILLA, EZEQUIEL
1656	MCCALL, NORMA J
1657	LOPEZ, MARGARET S
1661	TOTH, KAROLY
1664	SUPERIOR LANDSCAPE
1665	OBRIST, WILLIAM A
1668	SMITH, DANA
1669	VASQUEZ, DAVID G
1672	OCCUPANT UNKNOWN,
1673	REYES, RODOLFO
1676	GILBERT, DUANE A
1677	PERDARIS, GRACE M
1681	WOODHOUSE, DONALD C
1685	DEJESUS, SYLVIA
1689	NELSON, RONALD L
1693	LEON, CHRISTINA C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TANOAK CT 2005

510 AKERS, JOSEPH
511 ESQUER, GERARD A
512 CEBALLOS, ESTABAN C
ISAIAHS DRYWALL CO
513 PEREZ, MIGUEL
514 MARQUEZ, EDWARD
515 ROMO, RICHARD J

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TIMBER ST 2005

503	AVILA, VINCENT D
505	LASKA, ROBERT D
507	SOTO, MARTHA
508	MARTIN, ERIKA
509	GAPASIN, FEDERICO J
510	BOYLE, KEVIN G
511	GUERRA, MARTIN S
512	DEMICH, MARK A
513	LEES, JOHN M
514	OCCUPANT UNKNOWN,
515	KNEPPER, JASON R
516	HERNANDEZ, GABRIEL C
517	FREY, GEORGE H

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2000

1481 PICHARDO, RAMIRO
1487 AMADOR, LUIS
1491 QUINTERO, MARK
1497 OCCUPANT UNKNOWN,
1501 OCCUPANT UNKNOWN,
1505 ASHCRAFT, OLIVIA A
DELATORRE, NORMA
MARTINEZ, SUZANNE
1655 ALFEROS, MARIA
BRANDYWINE LIQUOR & DELI
CORZY CORNER THE
COZY CORNER PIZZA
LUNA GUILLERMINA GOMEZ
MEXICO VIEJO MEXICAN FOOD
1665 ALFARO, CLAUDIA
AMAND, PAULST
BAIG, G J
BANKS, DENNIS W
BOLIN, RICHARD R
BORRAYO, ANITA C
BRANDYWINE APARTMENTS
BRANNAN, ANTHONY L
BRIJANDEZ, JOSE R
CASPER, RICHARD J
CASTILLO, EPHRAIM F
CRAVEN, BESSIE C
DELGADO, ELISA L
ESTEP, JOSEPH C
FIGUEROA, MARIA
GONZALEZ, G
GREGORY, SARENA J
GRIMSLEY, EUGENIA C
HATCHETT, IRA H
HAYWOOD, CATHY
JAIME, G B
KARAMOTO, JOE
LEE, HOON H
LOPEZ, ISABEL
MEZA, REBECA J
MOOERS, ANITA S
NECOCHEA, ADRIAN E
NICASIO, MARIA E
NICSIO, MARIA E
NOVILLA, ONELIA P
OMEARA, IAN P
OREGEL, A
PAGUIO, ONELIA
POLENO, ALLEN
RAMIREZ, R
RUIZ, JESUS M

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 2000 (Cont'd)

1665 STEWARD, VINCENT L
VILLALUZ, F L
VINIEGRA, L
WILLIAMS, MARY L
1669 BARAJAS LORENA
BELL DENNIS J
LEWANDOWSKI ENTERPRISES
RAYCHEM CORPORATION
1670 COMPLETE LOGISTICS COMPANY
KEYSTONE AUTO BODY PARTS & RADIATORS
RAYCHEM CORPORATION GENERAL INFORMATION
RAYCHEM CORPORATION SALES DEPARTMENT
RAYCHEM CORPORATION TRAFFIC DEPARTMENT
STATIC CONTROL COMPONENTS INCORPORATED
1675 PARS INDUSTRIES
PLASTIC COLOR CORPORATION CALIFORNIA
UNITED STATES CONTAINER CORPORATION
WOODCRAFT COMPANY
1685 HYSPAN PRECISION PRODUCTS
1690 BEST BUY WHOLESALE
JOHNSON C LLOYD COMPANY WEST COAST DIVISION INCORPORATED
LLOYDS INTERNATL SUPPLIERS INCORPORATED
LYON ELECTRIC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000

2001	OCCUPANT UNKNOWN,
	SAN DIEGO COUNTY SWISS CLUB
	SWISS PARK & CLUB
2240	ADVANCE SYSTEMS ISNTALLATION
	AL FURNITURE INTERNATIONAL IMPORTS
	BAJA PUMP USA INCORPORATED
	BIO DENTAL
	CALIFORNIA LIBROS REVISTAS
	CANDY EL PECAS
	CIRLAP
	DEFAJARDO, LOLIS K
	FAJARDO, MARIA D
	GAYTANS NEWS
	JR ELECTRIC
	LEATHER ENTERPRISES
	MCELECTRIC
	MONGE ENTERPRISES INCORPORATED
	PMG MIRROR FRAMES
	RAULS LEATHER SHOP
	SHARKSKINS INCORPORATED
	SUN CAL PRODUCTS
	WEST COAST TV & VIDEO SERVICE
2244	ALL CITY GLASS & SCREEN
	BENNY PLUMBING
	BRITTANIS COSMETICS
	CALIFORNIA MAGNETIC
	CARDENAS REFRIGERATION
	CARDENAS REFRIGERATION & RESTAURANT EQUIPMENT
	CORNEJO ROBERTO
	DEDIAZ, ILEANA M
	DIAZ, HECTOR
	EL SOL DEMEXICO SPICE COMPANY
	GPM
	INTER DIESEL
	MONTEJO, ILEANA
	NORCOM DISTRIBUTORS
	ONE SOURCE DIESEL
	RAMON'S AUTO
	SAN DIEGO SCIENTIFIC
	SUNCOAST BATTERY
2248	AKER LEATHER PRODUCTS
	COHEN, FRANCIA A
	NATIONAL LEATHER GOODS COMPANY
	SAINT JAMES FINE LEATHER GOODS
	SAN DIEGO INDUSTRIAL SUPPLY
2252	AMERICAN HEALTHCARE ASSOCIATES LLC
	BANIAN TRADING COMPANY
	DBEZ IMPORTS INCORPORATED
	DONATE & RECYCLE
	JADE BEAUTY SUPPLY

MAIN ST 2000 (Cont'd)

2252	MENDOZA, RODOLFO F
	O G INSTALLATION
	O G INSTALLATION SYSTEMS
	SCS ALARM TEC
	SCS ALARM TECH
	SOL DIEGO
	SOUTH BAY STAINLESS & MACHINE
	SOUTH CITY BUSINESS CENTER
	T R DISTRIBUTORS INCORPORATED
	WIRELESS PRODUCTS INCORPORATED
2256	AZTECAS DESIGN INCORPORATED
	C & E LEATHER GOODS
	CIPESA CORP
	I L O FABRICS DISTRIBUTION
	INDUSTRIAL AUTOMATION & CONTROL
	MOROCCAN IMPORTS INCORPORATED
	OCCUPANT UNKNOWN,
	SOUTH BAY TAEKWONDO ACADEMY ITF OFFICE
	SUPERIOR ORNAMENTAL SUPPLY
	TEXAS SPECIALTY CO
2260	ACTIVE SALES CO INCORPORATED OFFICE
	ANCIRA, ALONSO G
	ANDERSON PLUMBING & REMODELING
	ATHENIUS MEDICAL SUPPLY
	AUDIO KLIMAX
	BERGERSONS PROPERTY SERVICES INCORPORATED
	FAS N GO
	G E BROWN SERVICE INCORPORATED
	ISM AUDIO VIDEO SERVICE
	LEE, KEVIN C
	LINARES, JOAQUIN
	MINUTEMAN PRESS
	REYNAS BABY DESIGNS
	SINGER SEWING SERVICE
	TADEO WHOLESALE BUSINESS MACHINES
	TAMALES ANCIRA
	TANG SOO DO KARATE INSTITUTE
	UNIGLOBE COMMUNICATIONS
	WORLD TANG SOO DO ASSOCIATION
2285	RANKIN INDUSTRIES INCORPORATED
2295	LAING THERMOTECH INCORPORATED
2317	PUBLIC STORAGE
2320	U SAVE STORE FIXTURES
2350	MI CABANA LAMISION
2365	WEST AUTO WRECKERS
2385	MAIN STREET MINI STORAGE
2400	HARDWOODS INCORPORATED
2402	HOPEMAN BROTHERS INCORPORATED
	PUBLIC STORAGE PICKUP & DELIVERY
2445	ALBERTO BATIZ

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000 (Cont'd)

2445	AMIGO TILE REMODELING
	BIRD CAGE SHOWROOM
	CIGAR SHACK
	DECO WORLD LIGHTING COMPANY
	FIVE STAR IRON WORKS
	GONZALES SERGIO
	HANDY MINI STORAGE
2446	ANTHONIS CABINETS
	ATLAS FIRE EQUIP COMPANY
	CHAVIRA LUIS
	DYNOMITE AUTO DETAIL
	EK AUTOMOTIVE
	INSIGHT PAINT & DECORATING
	JESSES SMOG STATION
	L C TURBOCHARGERS
	MAIN TRANSMISSION
	MIKES CARBURETORS
	PINNACLE INDUSTRIAL SUPPLY COMPANY
	SAN DIEGO WELDERS SUPPLY INCORPORATED
	SAN DIEGO WELDERS SUPPLY INCORPORATED CHULA VISTA
	SOUTH BAY AUTO GLASS
2450	ANDRADE, JOSE F
2462	CHRISTYS PRODUCTS
	OAK LAND FURNITURE INCORPORATED
	PERFECTION PEANUT & POPCORN SUPPLY COMPANY
2465	CAZAREZ, MIRNA D
2471	A MUDANZAS INTERNACIONALES
	CARNAVAL TRAVEL
	CYDEL PRODUCTS
	EDGAR AUTO SALES
	EXPLORER AUTO SALES
	GLOBAL INTERNATIONAL
	JEDA PHONE EXCHANGE
	OCCUPATIONAL TRAINING SERVICES
	PACIFIC ADVERTISING & CONSULTING SERVICES
	PRO KAR PRODUCTS
	REYES MUNOZ CANDELARIO
	TAX ADVOCATE CO
	VICTORY IRON WORKS INCORPORATED
	VILLASENOR, GUSTAVO
2474	BOTTOMS UP HYDRAULICS
	F F F DISTRIBUTORS INCORPORATED
	KELCO PACKAGING WAREHOUSE
	MYERS TIRE SUPPLY
	SWE-JON FLEXIBLE PACKAGING
2488	CABRAL, MAGALI G
	EURASIAN CAR PARTS
	H BAR R WESTERN OUTFITTERS
	H BAR R WESTERN OUTFITTERS FEED DEPARTMENT
	MARCOS CANOPIES

MAIN ST 2000 (Cont'd)

2488 MICHAELS TAE KWON DO YONG DO WON
2489 FREEBY SIGNS
2490 CARQUEST AUTO PARTS
ESTRADA, TERESA
GLAD BUSINESS PARK
LACAYO WALTER J BUSINESS SERVICES
VELBO IMPORT & EXPORT
2513 OCCUPANT UNKNOWN,
ROMANS TRUCK BODY & PAINT
RYDER TRUCK RENTAL ONE WAY INCORPORATED
ZAMUDIOS WHSLE TIRES
2514 SANTA FE MEATS
2516 S & C FURNITURE
2520 AFFORDABLE AUTO BODY
ALMANSA ALFONSO
COMERCIALIZADORA
MEZA AUTO PARTS & MACHINE SHOP
MEZA BODY SHOP SUPPLIES
RODRIGUEZ SMOG & TUNE
WIENIE WAGON THE
2524 AZTEC FLOOR COVERING
COMERCIALIZADORA IMPORTADORA EXPORTADOR A DETIJUANA
DUZALL TOYS INCORPORATED
OCCUPANT UNKNOWN,
ONLINE GRAPHIC DESIGN
OSCARIN BABYS
PC RAM
PUM-PIN HAIR BOWS
PYRAMID TECHNICAL SUPPLIES & SERVICE
SCREEN PRINTING
2528 ACME BAG COMPANY
MARBRE
2530 ADAME AUTO REPAIR
CRAZY GUYS COMMUNICATIONS
ELITE AUTO BODY
EURO SPECIALTIES
INTERNATIONAL REBUILT ENGINES
JL AUTOBODY
MIKES AUTO REPAIR
OCCUPANT UNKNOWN,
REYNALDOS MEXICAN FOOD COMPANY
SANCHEZ AUTO REPAIR
SPECIALIST ENGINE REBUILDERS
SUPER TRANSMISSIONS
THE LOOK DETAIL & AUTO SALES
2540 CAL PLASTICS & METALS
GARCIAS MEXICAN FOOD
HINCKLEY, JEAN
JABRO, IMAD S
POLLO AMIGO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000 (Cont'd)

2540	QUICK LIQUOR
2550	P MART
	PALOMAR IMPORTER & WHOLESALER
	PALOMAR TRADING CO
	PALOMAR TRADING COMPANY
	WHOLESALE CLUB
2556	BIBBEYS SHELLS & ROCKS
2560	BLACKMORE AUTO BROKERS
	H & M WROUGHT IRON FACTORY
	J & S DISTRIBUTING
	PORTELLO WORKS
	SCOTT, LOIS J
2578	OCCUPANT UNKNOWN,
	SUPERIOR VW AUTOMOTIVE REPAIR
	SUPERIOR VW ENGINES
2585	LEAF SALES INCORPORATED
	LEAF, JERRY
2586	ALFREDOS UPHOLSTERY
2588	RICK & SONS TRUCKING
	RICK & SONS TRUCKING SHOP
2615	CHULA VISTA MARINE
2638	BIRRIERIA SINALOA
	LOYAL ORDER OF MOOSE
	MARISOL
	MARQUEZ GUADALUPE
	MOOSE LODGE
2650	ARIZONA RESTAURANTS THE
2665	BJS RENTAL STORE
	RENTEX EQUIPMENT RENTAL
2677	EDDIES TIRES MUFFLERS & AUTO REPAIR CENTER
2681	BAJA PARTS & MACHINE SHOP
2744	SUPER BUY AUTO SALES
2765	TORTILLERIA SANTA FE
2776	CHULA VISTA SELF STORAGE
2801	BAJA CALIFORNIA CYCLE
2817	WEBER BAKING COMPANY CHULA VISTA OFFICE
2820	MAACO AUTO PAINTING
2827	C & M ELECTRIC AUTO REPAIR
2830	PURPLE HEART VETERANS THRIFT SHOPS
2843	CHRIS AUTO ELECTRIC
	MILO ELECTRIC SERVICE
	SOUTHERN EXPOSURE
	VARGAS ROBERTO D
2847	GAMEZ-NAVARRO, LETICIA
	GROSS, TIM
	MARQUEZ, A M
	RAMIREZ, MARIA C
2850	MARKET FIXTURES UNLIMITED INCORPORATED
2864	G I JOES SURPLUS
2865	OLGAS AUTO ACCESSORIES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000 (Cont'd)

2865 OWEN, DENNIS A
UNOS AUTO ACCESSORIES
2870 SOUTH BAY CARPET DISTRIBUTOR
2887 ARELLANO, ANITA
AVITIA, ELVIRA
BRINGAS, JUAN C
COLLAZO, ELIZA
DELGADO, DELFINA G
DESDIER, ADRIANA G
GARCIA, LARISA A
GOBBI, MARCOS
GONZALEZ, JOSE
HERNANDEZ, ORLANDO
MACEDO, L
MCCRORY, MAURINE E
MINERVA, LIMON
MOFFETT, REBECCA D
NAJERA, CARLOS
PACHECO, ANIA P
RIVEIRO, CARLOS
ROCHA, D R
ROSE, A
2906 MCCLELLAND, JAMES M
2910 J R AUTO SALES
STEVES AUTO WHOLESALE
TONYS TIRES
2944 ROLDAN, NORMA B
2948 BLANCARTE, HILDA E
2952 RICKYS AUTO SALES
2974 SANMARTIN, ELIA
2976 OCCUPANT UNKNOWN,
2978 VERDUGO, SALLY
2980 RAMIREZ, RUBY A
SOLIS, M
3008 OVER THE BORDER
3044 ORTEGA, MARIA
3048 FLORES, ARCADIO
3084 SOUTH BAY FENCE CO
SOUTH BAY FENCE COMPANY
3089 SECURITY FIRST SELF STORAGE
U-HAUL COMPANY INDEPENDENT DEALERS
3121 CRYSTAL WATER TREATMENT SYSTEMS
HYUNDAI LIVART FURNITURE OUTLET
PACIFIC REFACING
PHV CUSTOM CABINETS
S O S FOR WOUNDED SHEEP FOUNDATION
THREE MOSQUETEERS COMPANY
3124 DOUBLE AA TIRE COMPANY
3129 BELLAMA CUSTOM METAL FABRICATORS INCORPORATED
3130 LOJAS, PHILIP

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000 (Cont'd)

3136 HOSPITAL EQUIPMENT
SAN DIEGO ORTHO
3141 SMART & FINAL
3148 A B C REBUILDERS
3149 FRATERNAL ORDER OF EAGLES AERIE NO 3142
3151 LANCE RECYCLING
3154 TROPICANA 100 NATURAL
3164 OCCUPANT UNKNOWN,
3189 BOBAR LIQUORS
U-HAUL COMPANY INDEPENDENT DEALERS
ZOURA, LATIF
3205 OCCUPANT UNKNOWN,
SCOTT L J CHEVRON
3211 K & M AUTO SALES
3218 SHAMBALLA
TERES HAIR STYLES
3232 FREDDYS AUTO BODY
3236 HERNANDEZ TIRE SALES
3261 JONES, ROBERT L
MARTINEZ TIRES
3268 INTERNATIONAL SIGN COMPANY INCORPORATED
R & R INTERNATIONAL SIGN COMPANY
3275 D S AUTO SALES
3288 ALUMINUM SUNCRAFT FENCE COMPANY
SUNCRAFT INTERNATIONAL
3303 AIRGAS
3308 MONTIJO, IGNACIO
3311 ALL STAR GLASS COMPANY 1845 MORENA BL
3316 OCCUPANT UNKNOWN,
3317 EDDIS CARPETS & DRAPES
3326 HERRON KENNETH E DVM
PET CLINIC THE
3328 MACTRUCK & AUTO SALES
3333 BITHER, THOMAS R
CROWER CAMS & EQUIP COMPANY
3342 OCCUPANT UNKNOWN,
WEST COAST RENOVATION
3344 MI TIERRA SUPER TACO NO 3
3358 SOTOS TRANSMISSIONS
3366 ALVAREZ, MIRIAM
3390 DELMUNDOS AUTO BODY SHOP
3434 PEREZ, JESS
3436 BERMUDEZ, NANCY
SUAREZ, MARIA
VAZQUEZ, WENDY
3441 GE CAPITAL MODULAR SPACE
TIP TRANSPORT INTERNATIONAL POOL
TRANSPORT INTERNATIONAL POOL
3452 MACHADO, BONIFAC P
3460 ALARCON, INES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000 (Cont'd)

3468	AGUINIGA, RICARDO
	AMERICAN PARTS INTERNATL
3480	GONZALE, V L
3487	ABRE ENTERPRISES
	ESPARZAS USED TIRES
	J C M BATTERIES
	PAXTON TOWING
3490	MENDOZA, GRACE
	MOTTA, ANA M
3494	RAMIREZ B A & SONS ORNAMENTAL IRON WORK
	RAMIREZ B A & SONS ORNAMENTAL IRON WORK INCORPORATED
3513	MAIN STREET RECYCLING
3517	AMERICAN TOWING INCORPORATED
	J & C AUTO RECYCLING
3525	ALLPRO PAINT & BODY
	SOUTH BAY RECYCLING CENTER
3610	MOSIER LIMITED
3611	BURRIS GARAGE
	WORLDWIDE MARKETING SYSTEM
3615	CLB MANUFACTURING COMPANY
3620	AIR LIQUIDE AMERICA CORPORATION
3630	G M HOT LUNCH TRUCK MANUFACTURING
	SAN DIEGO COUNTY CATERERS
3631	THRIFT WHOLESALE
3645	P B AUTO
3648	CALIFORNIA DISTRIBUTORS
	CENTRO REMODELADOR NAARA
	FERRO METAL
	HWA-IN AMERICA INCORPORATED
	TRATEC OF CALIFORNIA INCORPORATED
3650	ATC-VANCOM INCORPORATED
3679	AUTO ELECTRIC
	ECONOMY UPHOLSTERY
3708	AMEZCUA, JOSE L
	REPRES
3712	A 1 AUTO STORAGE
	A 1 SAV ON TRUCK & TRAILER RENTALS
	CIFUENTES, YOLANDA
	IRONGATE STORAGE
	SAV ON RENTALS
	SAV ON STORAGE MAIL CENTER
	U-HAUL COMPANY INDEPENDENT DEALERS
3730	LAMAR SPACE INCORPORATED
	MOBILE HOME TRANSPORTERS
3740	A Z EXPORT
	COLLISION PARTS WAREHOUSE
	SUNNY IMPORT BODY PARTS INCORPORATED
	SUNNY RADIATORS
3755	HILLTOP MAIN SELF STORAGE
3800	ALSON EXPORT & IMPORT

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000 (Cont'd)

3800	BERNAL, ROBERT A
	COLUMBIA WHOLESALERS
	DECO UTILITY SUPPLY CORPORATION
	J JOHNSON DISTRIBUTORS
	MAIN CLUTCH COMPANY
3802	DESERT KING INTERNATIONAL
	FRANCO JOSE
	GORDILLO LUCY
	HIKAM AMERICA
	INDUSTRIAL DESIGN LABORATORIES INCORPORATED
	JOMA USA INCORPORATED
	K 12 TEACHERS CENTER
	PERFORMANCE CASTERS & EQUIPMENT INCORPORATED
	SAN DIEGO CONVEYER COMPANY
	SOUTH BAY TAEKWONDO ACADEMY
3804	BURBANK AIRCRAFT SUPPLY INCORPORATED
	GOLDENBERG GROUP INCORPORATED
	PREMIUM NUT & DRIED FRUIT COMPANY
	SEACOAST ELECTRIC COMPANY INCORPORATED
	STARLITE TRAIL MIX COMPANY
	TIS-VAL-U NUT COMPANY
	TREND MARKETING CORPORATION
	YMCA OF SAN DIEGO COUNTY
3817	SCHERTZER, JOHN W
3819	OCCUPANT UNKNOWN,
3821	OCCUPANT UNKNOWN,
3885	BOX IT MOBILE SELF STORAGE CORPORATION
	OCCUPANT UNKNOWN,
	SENTRY DISCOUNT SELF STORAGE
	U-HAUL COMPANY INDEPENDENT DEALERS
3905	LEON, PHILLIP I
3917	OCCUPANT UNKNOWN,
3925	MACIAS, R C
3978	MACIAS, ALMA D
3984	MATEOS, F C
3988	DIXON, ZILPHIA A
3992	CRUZ, CECILIA
3998	LEWIS, LINDA
4030	MINCHACA, ARTURO
4031	PEREZ, ANTONIO M
4032	AYALA, MARTHA A
4037	VALLAR, PABLO G
4038	OCCUPANT UNKNOWN,
4040	RODRIGUEZ, ALICIA H
4043	PANGASINAN, BEATRIZ G
4046	GILLESPIE, EVELYN L
4052	BOWEN, BOOKER T
	GILLESPIE, EVELYN L
4053	OCCUPANT UNKNOWN,
4054	DASILVA, MANUEL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 2000 (Cont'd)

4054 PONCE, MANUEL
4057 GONZALES, CARMEN
HAM, CELIA
LANDEROS, FRANK
4067 OCCUPANT UNKNOWN,
4075 GREEN, LAURA M
4081 PEREZ, F

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2000

1555	AHRENS, GEORGE
	ALMARAZ, E B
	BASILIO, LLOYD A
	BEARD, HOWARD L
	BROWN, DONALD E
	BURNS, JUDITH E
	COSTA, ROGER E
	DRAFFAN, MONIQUE L
	GARCIA, SAUL
	KAYE, C A
	LANDA, R A
	LOPEZ, JUAN
	MCCOY, ADA L
	MCQUIEN, ROBERT S
	MONTERO, ARGELIS
	NEWHART, ANN
	RASMUSSEN, ALLEN E
	RESENDEZ, MIGUEL
	STOGNER, ASHLEY M
	VALLIN, SHERRIL D
	VAZQUEZ, JESUS
	WRIGHT, JEFF
1560	FLYNN, E A
1565	ARROYO, APRIL
	CEBALLOS, ISABEL P
	GOMES, SARA
	GONZALEZ, LOUIS
	GUINN, JAMES
	HORNE, MATTHEW
	LARSON, BILLIE S
	MARROQUIN, A
	MAYHEW, JAMES M
	MERCHANT, TIMOTHY D
	NECOCHEA, ADELINA
	SETTLE, HADDAD D
	SINGH, ALBERT V
	STORK, BRIAN
	VALDEZ, EFREN
	VILLASENOR, MANUEL A
	WILLIAMS, JOSEPH
1575	AGUIRRE, DAVID
	AMOS, MARCI
	ANDINO, RICARDO
	CARLIN, IGNACIO
	CUELLAR, OFELIA M
	GOBEZIE, M
	GONZALEZ, AMADO
	GUTIERREZ, F R
	KILEY, WILLIAM J
	KOPACZEWSKI, KENNETH

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2000 (Cont'd)

1575 LEVERTON, LEWIS
LIZARRAGA, G
PELAYO, ARMANDO
QUINONES, ALICIA
REYNOSO, JESUS
ROQUE, SILVIA
RUVALCABA, SYLVIA
STEWART, ED
WILSON, KELLEY
YESCAS, RAUL
ZEPEDA, JUAN M

1580 ABD, ELSAYED E
AGUILER, GABRIEL
ANGELI, ROGER H
BABAUTA, JUAN P
BARRETO, JOSE M
BETANCOURT, JORGE H
BONSE, PATRICK M
BROWN, MIRIAM D
CHANCELLOR, JUDY A
DELATORRE, LUIS
EGBERT, DENNIS W
FIERRO, JUAN G
GALINDO, GERARDO
GALLEGOS, NORA E
GARCIA, NELSON Y
GOMEZ, G G
GOVEA, CLAIRE
GRACIA, ARMIDA A
GRAVELLE, DEAN M
HERNANDEZ, MARIO
HERRERA, DINA
JAIME, DORA L
JOHNSON, CHRIS W
KENDRICK, KARL
MANGOSING, CYNTHIA F
MCINTYRE, STEPHEN A
MEZA, MIRIAM
MOODY, ROBERT G
MORENO, F J
MURRAY, JEFFERY
RICHARDSON, W A
RUBALCABA, MARIA
RUIZ, LUIS F
RUVALCABA, VICTOR
SALAZAR, JOSE
SALDANA, JUAN A
SAMONTE, F S
SANTILLAN, LOURDES R
SCHMIDT, JOEL

MENDOCINO DR 2000 (Cont'd)

1580 SERVIN, ELISA
SIERRA, ANDRES D
SPECKER, E B
STREIBLE, CLYDE L
SVIHLIK, KENNETH E
SWEETLAND, KENNETH E
TRIPP, GUSTAVO
VALADEZ, F A
VASINA, CORI D
WEBB, ULYSSES J
WILLIS, S
YEPEZ, ANCELMO R
YORBA, HECTOR
YRISSONT, RAUL A

1585 ACOSTA, F
ALEXANDER, DANIEL R
ALVARADO, IVETTE
AMBRIZ, FIDEL
CASAS, JESUS
CONTRENAS, RICARDO R
CUEVAS, ABRAHAM A
DEOCAMPO, NEMESIO
DURAN, WILLIAM J
GARIBAY, ESTELA
GONZALEZ, ARACELI
IBARRA, ERIC
JURADO, A J
KIPP, JOHN D
MAKNOJIA, A V
MULLALLEY, XUAN
NICHOLS, ROLA E
REYES, RICARDO C
SALAS, ADOLFO G
WHITE, RONALD G
ZAMORA, PILAR V
ZAVALA, M G

1595 AKERS, PAUL
ALFARO, DAVID
ANDERSON, V J
ARGUELLES, JAVIER R
ARIAS, NELSON A
BULLOCK, THERESA
BUMBASI, MAXIMO
COUCINO, LUIS
DILKES, J G
DISHAROON, M A
EDGAR, J
ESCALANTE, MIGUEL
FINKBEINER, CHERYL K
GAMEZ, C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 2000 (Cont'd)

1595	GENZ, L E
	GRACE, RAMONA L
	JENNEY, TAHRA L
	LOHNER, EINAR T
	MAINS, ROBERT A
	MAYA, CRUZ
	MAYORAL, PETE
	MILES, GAIL
	OLIVARES, ROBERT
	PALAFOX, TAHRA
	ROMO, MARTHA
	SCARAFIOTTI, FRED J
	SCHWARTZ, KENNETH
158084	MOODY, ROBERT G
158098	ALPIZAR, SAMUEL
158523	WHITE, ELLA M
159529	SCARAFIOTTI, FRED J
159530	MAINS, R A
159531	GRACE, R
159540	ALVAREZ, D
555146	COSTA, ROGER E
565174	SETTLE, D

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2000

999	OCCUPANT UNKNOWN,
1004	CONNOLE, DENNIS L
1005	OCCUPANT UNKNOWN,
1008	DORADO, JAIME
1010	OCCUPANT UNKNOWN,
1014	VELASCO, GERMAN M
1019	OCCUPANT UNKNOWN,
1023	MUNGER, CHARLES L
1033	OCCUPANT UNKNOWN,
1036	TAMAYO, J
1037	OCCUPANT UNKNOWN,
1042	TURNER, THOMAS A
1043	ROBELLO, JULIETA E
1048	MURRAY, LOUIS U
1051	OCCUPANT UNKNOWN,
1055	JOHNSTON, BRYAN D
1060	OCCUPANT UNKNOWN,
1061	DUFF, ROBERT R
1065	OCCUPANT UNKNOWN,
1066	BAILEY, DON R
1071	ELIZALDA, JOSEPH P
1072	WILLIAMS, ROBERTA
1075	FLORES, REYES V
1081	YUTSUS, THERESA S
1090	ALVAREZ, ARTURO
1091	WEBB, JANICE T
1096	CASILLAS, EDUARDO O
1097	OCCUPANT UNKNOWN,
1102	WEITHAUS, MARY S
1106	PROVENCIO, YOLANDA
1112	OCCUPANT UNKNOWN,
1118	DEDDEH, NASSER H
1124	MILLING, JAMES A
1128	MONTES, E
1138	OCCUPANT UNKNOWN,
1148	COUCH, JOEL A
1152	OCCUPANT UNKNOWN,
1158	RIVERA, REBECA H
1162	MARTINEAU, D
1168	OCCUPANT UNKNOWN,
1172	ROGERS, JUNE C
1220	NABAVI, S B
1236	PHAN, HOAI T
1244	OCCUPANT UNKNOWN,
1262	OCCUPANT UNKNOWN,
1270	SANCHEZ, MARIA J
1278	PERRY, ARTHUR
1286	ALVARADO G
	ALVARADO, G
1294	ROMERO, ENRIQUE V

OLEANDER AVE 2000 (Cont'd)

1301	BOYS & GIRLS CLUB OF CHULA VISTA
	MOSHER, W S
	SMALL WONDERS PRE SCHOOL & CHILD CARE
1302	MORALES, VIVIANO R
1312	GALLAGHER, TIM
1368	GUTIERREZ, TEODORA
	HARRIS, JOSEPH C
	LACY, FELIZA
	RANGEL, RAMON
1374	HERRERA, ANYLOU
1383	OCCUPANT UNKNOWN,
1388	OCCUPANT UNKNOWN,
1392	VERHOEVE, GERRY
1398	OCCUPANT UNKNOWN,
1400	MORENO, G
1402	MUNOZ, MANUEL J
1404	HUNTER, ROBERT E
1406	WOODS, JAMES G
1407	SAMUDIO, DAVID D
1408	DIMASE, F J
1409	BOYD, KEITH M
1411	OCCUPANT UNKNOWN,
1413	MARTIN, JOAN M
1415	BICE, BOYD F
1417	OCCUPANT UNKNOWN,
1418	MOKRY, WILLIAM V
1419	OCCUPANT UNKNOWN,
1420	BARRAGAN, RICARDO H
1421	CORTEZ, VICTOR
1422	LAND, KENNETH B
1423	OCCUPANT UNKNOWN,
1424	HAMILTON, KENNETH J
1425	OCCUPANT UNKNOWN,
1426	STEPHENS, MARIA O
1427	OCCUPANT UNKNOWN,
1428	DELAROSA, DAVID
1429	CASTILLO, JOHNNY
1430	OCCUPANT UNKNOWN,
1431	CASTRO, MERCED G
1432	OCCUPANT UNKNOWN,
1433	HODGE, JAMES C
1437	ROSS, KENNETH L
1443	OCCUPANT UNKNOWN,
1447	OCCUPANT UNKNOWN,
1453	KINSTLER, DANIEL P
1457	RODRIGUEZ, SANDRA
1489	ANDERSON, ANTHONY
1493	CASTRO, JAMES L
1500	CRUZ, RAYMOND
1501	PELAEZ, SUSANA

OLEANDER AVE 2000 (Cont'd)

1502 LAMP, JOHN L
1503 JULIEN, LOUISE M
1504 OCCUPANT UNKNOWN,
1505 LISCUM, CHARLES B
1506 VENEGAS, LORETO C
1507 GRIM, BRETT E
1508 PALENCIA, MAX P
1509 SALAZAR, JEANNE G
1512 NEVLING, JAMES A
1514 WEBER, JOSEPH L
1515 VALLE LINDO ELEMENTARY SCHOOL
1516 VINLUAN, RAPHAEL
1518 CARSON, DENNIS P
1522 STEVENS, DEBBIE
1523 SPALDING, CLINTON
1525 HUMAN, JOHN E
1526 KUKLA, STEVEN J
1527 ANGUIANO, FELIPE
1529 OCCUPANT UNKNOWN,
1530 OCCUPANT UNKNOWN,
1534 OCCUPANT UNKNOWN,
1535 ORR, FRANKIE
1536 BLAKE, WILLIAM E
1538 LOZA, GRACE
1539 OCCUPANT UNKNOWN,
1540 HAAS, R
1541 HAMILTON, MIKE
1542 OCCUPANT UNKNOWN,
1543 TAFT, ROBERT S
1544 DOSS, THOMAS L
1547 OCCUPANT UNKNOWN,
1549 CALDERON, GLORIA F
1550 OCCUPANT UNKNOWN,
1552 OCCUPANT UNKNOWN,
1553 RAYBURN, GARY F
1554 OCCUPANT UNKNOWN,
1555 LILLICO, THERESA E
1556 PUMARIEGA, ERICA
1557 OCCUPANT UNKNOWN,
1558 MCANELLY, G
1559 MONTGOMERY, KATHY A
1560 CZAPOR, KARL W
1561 GUIANAN, CEREAL E
1562 TILLEY, AMBER
1563 WAGNER, JACK
1564 OCCUPANT UNKNOWN,
1565 ANDERSON, ROBERT D
1566 URQUIDEZ, JULIE M
1568 OCCUPANT UNKNOWN,
1570 CHARFAUROS, JOSE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 2000 (Cont'd)

1571 DENNIS, WALTER E
1576 MUNFORD, WILLIAM R
1577 GAFFNEY, JOSEPH S
1580 ONTIVEROS, JESUS
1581 TINGZON, LUIS L
1587 RUSSELL, ANTHONY W
1591 BALANAY, P D
1595 MENDEZ, OLIVIA
1608 OCCUPANT UNKNOWN,
1612 OCCUPANT UNKNOWN,
1620 LUSSIER, RONALD V
1621 VILLALVA, SERGIO
1627 OCCUPANT UNKNOWN,
1628 HENNING, MICHAEL V
1632 JOHNSON, CURTIS M
1633 OCCUPANT UNKNOWN,
1636 BRYAN, WALTER
1637 RUSS, LINDA L
1640 RIECHERS, AMY C
1644 HOFFMANN, ROBERT W
1648 HASHIMOTO, MARY N
1649 HUNT, ELSA M
1651 PETTY, MARTHA L
1652 FOREMAN, DEBBIE R
1655 GRAVES, C B
1656 ARMER, REX G
1657 LUCERO, CRUZ
1660 PALENZUELA, RAFAEL
1661 TOTH, KAROLY
1664 OCCUPANT UNKNOWN,
1665 OBRIST, WILLIAM A
1668 HOWARD, MICHAEL
1669 VASQUEZ, DAVID
1672 CORDOVA, JOHN
1673 REYES, RODOLFO
1676 GILBERT, DUANE
1677 LOGAN, GRACE M
1681 WOODHOUSE, DONALD L
1689 NELSON, RON
1693 MARTHA, A

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TANOAK CT 2000

514 MARQUEZ, PIO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TIMBER ST 2000

503	AVILA, ARTHUR V
507	LEDESMA, DAVID P
509	OCCUPANT UNKNOWN,
510	BOYLE, KEVIN G
511	DELAMORA, B
512	GORDON, ROBERT L
513	LEES, JOHN M
514	DURSO, THOMAS A
515	HAUG, V T
	KNEPPER, JASON R

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 1995

1481	PICHARDO, RAMIRO
1487	KEALY, JAMES
1491	OCCUPANT UNKNOWNN
1497	DARE, RICHARD D
1501	ALARCON, YOLANDA
	FOLEY, DAN
	FRIEL, JANET
	MCGINNIS, ROBERT J
1505	ASHCRAFT, JOHNNY D
	COOGAN, DALTON A
	EWING, JOE L
	MITCHELL, PATRICK D
1655	BRANDYWINE LIQUOR & DELI
	CORZY CORNER
1665	BOJORQUEZ, DORA A
	CALDWELL, DENNIS
	COSBY, WOODY
	CUMMINGS, WES
	DICKINSON, MICHAEL J
	DUNCAN, C
	GONZALEZ, RUTH
	GRIMSLEY, EUGENIA C
	GUERRERO, ANTONIO
	GUERRERO, JESUS
	JIMENEZ, E J
	KARAMOTO, JOE
	LINHARDT, YVONNE M
	MILLETT, STEVE
	MIRANDA, RAY A
	MONTOY, PATTY
	PRICE, CRYSTAL
	SIMON, ANDY
	TOTTEN, LISA
	VILLARREAL, KIM
1669	DHONDT, JOHANN
	J G & SONS BROKERS
	PIERINO FASHIONS INC
1670	HARDWOODS INC
	NOBEL FLORAL INC
1675	LEDBETTER, ANNIE
	MEXICAN FACILITIES CORP
	TREND MARKETING CORP
	UNITED STATES CONTAINER CORP
	WOODCRAFT CO
1685	HYSPAN PRECISION PRODUCT
1690	FAMILY BARGAIN CENTER STORES INC
	GENERAL TEXTILES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1995

1260	C & R MARINE & IND SUPPLY
2001	SWISS PARK & CLUB
2240	AKSARBEN
	AMEX FOOTWEAR
	AMINTERON SYSTEMS INC
	BAJA THREADS
	EMI NETICS
	EXPORT FIRE
	INTERNATIONAL WESTERN EXPORTER
	MERCEDES ENGINE EXCHANGE
	P INDUSTRIAL & EQUIPMENT SUPL
	PACIFIC FLEET SUPPLY & EQUIP
	PRETTY, HUGO A
	RUBENS WOODSHOP
	SANIPAC
	SONIKA ELECTRONICS OF AMERICA
	SUPERIOR LANDSCAPE
	VERITE IMPORTS
	WEST COAST TV & VIDEO SVC
	WESTERN HOTEL SUPPLIERS INC
2244	BIO DENTAL
	BRITTANIS COSMETICS
	CARDENAS REFRIGERATION
	DANS ORIENTAL PRODUCTS CO
	DGT INTL
	GAYTANS NEWS
	NATIONAL AUTO ELECTRIC
	RAYMOND G LOHNING
	SAN DIEGO SCIENTIFIC
	TORRES, MANUEL F
	UNIQUE DOORS BY MARCO SA
2248	AKER LEATHER PRODUCTS
	CANTERBURY CASE COLLECTION
	NATIONAL LEATHER GOODS CO
	SAN DIEGO INDUSTRIAL SUPPLY
	SAN YSIDRO HOTEL
	SOUTH BAY CARPET DISTR
	UST SHIRTS
2252	4 KIDS & LADIES
	CARRILLO, ALEX
	DBEZ IMPORTS INC
	G & R SPECIAL SVC
	INLAND DATA
	J & C DISCOUNT SHOES
	JMTM ENTERPRISES
	KCR INC
	LINCOLN PROPERTY CO
	SOUTHWEST AUTOMOTIVE DISTR
2256	B & B SALES
	CONECTABALL INC

MAIN ST 1995 (Cont'd)

2256 CONTROL INDUSTRIAL INTL
EMILY WU
ILO FABRICS
LEON OFFICE PRODUCTS
LYNDER FOODS
SATELLITE WEST
SOUTH BAY TAEKWONDO ACADEMY
SSB ELECTRONICS INC
SUPERIOR ORNAMENTAL SUPPLY
TECATE MASTER HANDS
2260 ADVANCE AUTO ACCESSORIES
ANCIRA INDUSTRIES INC
AVES
CIPRIANOS WELDING SUPPLIES
CORDERO, RAUL
FIESTA FILMS INC
MI CASITA RESTAURANT
NEW COSMOS VIDEO DISTR
REYNAS FASHION & DESIGNS
RIKEN TOYO LATIN AMERICA
TANG SOO DO KARATE INST
VDM VIDEO
2317 ADDED VALUE STORAGE & MOVING
BAJA BLACK OXIDE
BAJA CLUB INC
GALMEX GALVANIZING
SOL DIEGO
STUDIO GARCIA
U HAUL CO
2320 WHALEN ENTERPRISES
2350 FULLER HONDA AUTO LEASING
2365 WEST AUTO WRECKERS
2385 GEARHART, CYNTHIA B
MAIN STREET MINI STORAGE
2400 SAFE T WAY TRUCKING INC
WEBER DISTRIBUTION WRHSE
2402 HOPEMAN BROTHERS INC
PACIFIC COAST FREIGHT HANDLERS
2431 SOUTH CITY CAB
2445 FARFAN, RAUL
HANDY MINI STORAGE
IRONWOOD SCULPTURES
MARCOS BARBA & ASSOC INC
SOUTHWEST PETROLINE
T J LEATHER
2446 ANDERSONS PLUMBING & RMDLNG
BOLTS & SUPPLY MARKET
CALIFORNIA MARINE
INSIGHT PAINT & DECORATING
JESSES SMOG STATION

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1995 (Cont'd)

2446	MAIN TRANSMISSION
	NAVARRO, VICTOR
	PINNACLE INDUSTRIAL SUPL
	REELAR DESIGNS
	SAN DIEGO WELDERS SUPPLY INC
	V W RECONSTRUCTION
2462	OAKLAND CO
	PERFECTION PEANUT & POPCORN
	T SHIRT OUTLET
2465	PEREZ, CYNTHIA
2471	A MUNDANZAS INTERNACIONALES
	ACSER COMPUTERS
	ESCRITORIO PUBLICO
	H & G AUTO SALES
	IMEX INTERNATIONAL
	MANNER METABOLIC PRODUCTS
	OROPEZA CONSTRUCTION
	PACIFICA TRANSPORTATION INC
	TV SATELLITE SVC
	VICTORY IRON WORKS INC
2474	FFF DISTRIBUTORS INC
	INTERNATIONAL EXPORT SALES
	MEZA, CESAR
	MYERS INDUSTRIES
	PACIFIC ARGO INC
	SOUTHWEST PLATING
2488	EURASIAN CAR PARTS
	GALLEGOS, EDUARDO
	H BAR R WSTRN OUTFITTERS
	K & K VENDING
2489	FREEBY, LIBBIE A
	FREEBYS ANTIQUES
	FREEBYS SIGNS
2490	C CS UNCLE SAMS BAR B Q
	G E BROWN SVC
	PRAGUE CORP
	TRUCK N DIESEL INC
2514	SANTA FE MEATS
2516	S & C FURNITURE
2520	CISSAN PARTS & EQUIPMENT EXPRT
	IMPORTS QUALITY SVC
	J RS GARAGE
	M & C MICROCOMPUTER & ACCESS
	MDC AUTO SALES
	MEZA BODY SHOP SUPPLIES
	OSMOSIS INVERSA PENINSULA
	RODRIGUEZ SMOG & TUNE
	SANTANA AUTO SVC & REPAIR
	TRESS DISTRIBUTING CO
	USAPM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1995 (Cont'd)

2520	WALTER J LACAYO BUSINESS SVC
2524	CONTRERAS REFRIGERATION
	FRANCISCO ZATARAIN
	IMPORT & EXPORT
	L B INNOVATORS INC
2528	MARBRE INC
2530	C BEAS MEXICAN PRODUCTS
	CRAZY GUYS STEREO & COMM
	REVELES STRIPING & AUTO TRIM
	RIVERA SALES CO
	SOUTH BAY AUTO SALES
	SWE JON INDUSTRIAL SUPPLIES
	VITOS AUTO CARE
2540	CALIFORNIA SUN SCREEN PRINTING
	CAM & SONS TYPESETTING
	GARCIAS MEXICAN FOOD
	INTERNATIONAL COPY
	POLLO CHARRO
2543	JAY W GOULD
	OCCUPANT UNKNOWNN
	SEA TREC ENTERPRISES LTD
2550	ENCORE MANUFACTURING
2560	H & M WROUGHT IRON FCTRY
2585	LEAF INC
	WALTON, CROSHEN
2586	ALFREDOS UPHOLSTERY
2638	ANTOJITOS MEXICANOS
	LOYAL ORDER OF MOOSE
	MARISOL
	MARTHA E MORETT DDS
	QUICK LIQUOR
2648	UNIVERSAL AUTO PARTS
	VIDEO ESPANOL
2650	ARIZONA RESTAURANTS
2665	SAN DIEGO REDWOOD LUMBER CO
2677	EDDIES TIRES & AUTO CTR
2681	BAJA PARTS & MACHINE SHOP
2740	SUNNY IMPORTS
2756	VALUE VILLAGE
2765	OTAY MEXICAN FOODS
2776	CHULA VISTA SELF STORAGE
2801	BAJA CALIFORNIA CYCLE
2817	DOLLY MADISON BAKERY
	WEBER THRIFT STORE
2820	MAACO AUTO PAINTING
2822	SOLORIOS GENERAL MECHANIC
2827	COBARRUBIAS, RAMON C
2830	PURPLE HEART VETERANS
2835	OCCUPANT UNKNOWNN
2837	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1995 (Cont'd)

2839	OCCUPANT UNKNOWNN
2847	CASTRO, LUIS A
	LOPEZ, MARIA E
	MADRIDMEDINA, A
2850	MARKET FIXTURES UNLTD
2864	BOB COOKES SUPPLY
2865	ASHLEYS CARPETS & INTERIORS
	REINERT ENTERPRISES
2870	HARBOR VAN & STORAGE
	RICHARDS VAN & STORAGE
2882	MARQUEZ, MARIA E
2887	ABREO, FRANK
	ARELLANO, ANITA
	AVINA, PABLO
	BELTRAN, CELIA
	CAMARENA, P
	CANCINO, VICTOR
	CORNEJO, OSCAR
	GALLARDO, JULIETA
	MARQUEZ, F
	PICHARDO, MARCIA
	QUIJADA, LUIS B
	REYES, ROSARIO
	RIVERA, R
2906	MCCLELLAND, JAMES M
2910	ADVANCED REGISTRATION SVC
	STARJUS AUTO SALES
2944	OCCUPANT UNKNOWNN
2948	OCCUPANT UNKNOWNN
2952	OWNERS MOBILE HOME SALES
	OWNERS PROPERTIES
2974	ROMO, JOSE C
2976	FERNANDEZ, F R
2980	ROMO, MARTINA E
3008	PALOMINO STAR
3044	OCCUPANT UNKNOWNN
3046	VELASQUEZ, JUAN M
3048	OCCUPANT UNKNOWNN
3050	OCCUPANT UNKNOWNN
3064	ARCE AUTO BODY
	OCCUPANT UNKNOWNN
3080	WIILIAMS, DELIA
3082	ENRIQUEZ, JOSE H
3084	SOUTH BAY FENCE CO
3089	SECURITY FIRST SELF STGE
3120	LA NENA MEXICAN FOOD
3121	AMERICAN EQUIPMENT REFINISHING
	CERTIFIED AMERICAN RESTAURANT
	JOHNSON, DONALD
	LOUS GYM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1995 (Cont'd)

3124	AISPURO, NIEVES A
	DOUBLE AA TIRE CO
3129	BELLAMA CUSTOM METAL FAB INC
3130	OCCUPANT UNKNOWNN
3132	OCCUPANT UNKNOWNN
	SAN DIEGO ORTHOPEDIC SUPPLIES
3134	OCCUPANT UNKNOWNN
3136	RICHTER, HAROLD P
3141	SMART & FINAL
3149	FOE
3150	OCCUPANT UNKNOWNN
3151	LANCE RECYCLING
3154	CANDLELIGHT ELECTRONICS
	LILBITTY TESTER INC
3156	OCCUPANT UNKNOWNN
3161	THOMSON, FRANK L
3164	THOMSON, G M
3189	BO BAR LIQUORS
3190	PSI INC
3205	CHEVRON
3211	J R AUTO SALES
3218	ALAN HAIRCUT
	BO BAR MINI
	FRANKIE OPTICAL SUPPLY
	TOLUCA MEXICAN RESTAURANT
3228	D S AUTO SALES
3236	HERNANDEZ RADIATOR SHOP
	SOUTHERN STEEL
3261	MAIN STREET AUTO SALES
3268	BILL KINGS APPLIANCE
3275	SALAZAR MOTORS
3278	OCCUPANT UNKNOWNN
3288	SUNCRAFT INTERNATIONAL
3303	G S PARSONS CO
3308	OCCUPANT UNKNOWNN
3311	ALL STAR GLASS CO
3316	OCCUPANT UNKNOWNN
3317	ALL TYPE CABINET INC
3326	OCCUPANT UNKNOWNN
	PET CLINIC
3328	OCCUPANT UNKNOWNN
3333	CROWER CAMS & EQUIPMENT CO
3342	OCCUPANT UNKNOWNN
3344	CASTILLO, EDUARDO
	MI TIERRA SUPER TACO
3366	OCCUPANT UNKNOWNN
3384	ARMENTA, PETE
3390	SHEILAS BODY SHOP
3406	RAZO, ARTURO
3416	PINEDA, DANA

3434	PEREZ, JESS
3441	TIP TRANSPORT INTL POOL
3452	MACHADO, B P
3460	CAMACHO, RUBEN
3468	SCHULTZ, FRANK
3470	LOPEZ, E
3480	OCCUPANT UNKNOWNN
3487	ABRE TOWING
	ESPARZAS USED TIRES
3494	B A RAMIREZ & SON ORNAMENTAL
3497	PAXTON TOWING
3517	J & C AUTO RECYCLING
3525	REPCA INC
3554	DAMCO USED TRUCKS & EQUIPMENT
	VALENCIAS DIESEL
3611	BURRIS GARAGE
3615	CLB MANUFACTURING CO
3620	GKN RENTALS
3630	G M HOT LUNCH TRUCK MFG
	SAN DIEGO COUNTY CATERERS
3631	VAN CONVERSIONS MFG
3639	DONHAM CAMPER VANS
3645	P B AUTO
3648	EXPRESS DELIVERY SVC
	NEWARK ELECTRONICS INC
	TRATEC OF CALIFORNIA INC
	XAVIER J SAINZ & ASSOC
3650	ATC VANCOM
	IRONGATE MINI STORAGE
3651	HOLIDAY AUTO PARTS 1
3679	ECONOMY UPHOLSTERY
	GARCIAS AUTO ELECTRIC & MECH
	PALOMINO, M E
3681	OCCUPANT UNKNOWNN
3708	OCCUPANT UNKNOWNN
3712	BENITEZ, RODOLFO
	BEST SOILS
	BLACK, FRANK
	BRIGHT, RUTH
	CUEVAS, JORGE
	DOUCETTE, DONALD E
	GETMAN, BEN
	GLEESON, PENNY S
	HILL, HAROLD N JR
	LUNA, TEOFILO
	MCDANIEL, YOKO
	MERLINO, GENE L
	MURAKAMI, ALVIN
	SALDIVAR, MONICA
	SALDPRAK, MONICA

3712	SAV ON STORAGE
	SAV ON STORAGE JBTL INC
	SINTIC, HUGH
	THOMAS, ARLEEN
	U HAUL CO
	UNROE, JOHN
	WARDLEY, PEGGY L
	WATTS, RICHARD G
	ZAVALA, G
3740	SUNNY GLASS
	SUNNY IMPORT BODY PARTS INC
	SUNNY RADIATORS
3755	HILLTOP MAIN SELF STGE
3800	BORDER LEATHER CORP
	COLUMBIA MATCH CO
	GEM TEXTILES
	MAIN CLUTCH CO
	MAJOR IRRIGATION SUPPLY
3802	B & J OIL CO
	BROADLEAF INDUSTRIES INC
	DESERT KING CORP
	HIKAM AMERICA
3804	PACIFIC SUN CO
	PREMIUM NUT & DRIED FRUIT CO
	TIS VAL U NUT CO
3817	OCCUPANT UNKNOWNN
3819	SCHERTZER, MICAELA E
3821	ROSARIO, ANDY
3855	BORQUEZ, MANUEL
3885	OCCUPANT UNKNOWNN
	SENTRY DISCOUNT SELF STORAGE
3905	OCHOA, JACK
3925	MACIAS, R C
3930	REYES, MARIA
3978	MACIAS, JESUS
3984	MATEOS, F C
3988	DIXON, ZILPHIA A
3992	CRUZ, CECELIA
3998	BROWN, LINDA
4030	HUERTA, G
4031	OCCUPANT UNKNOWNN
4037	VALLAR, PABLO G
4038	OCCUPANT UNKNOWNN
4040	RODRIQUEZ, GUSTAVO
4043	PANGASINAN, BEATRIZ G
4046	GILLESPIE, JAMES M
4052	BOWEN, BOOKER
	GILLESPIE, EVELYN L
4053	RAMIREZ, MODESTO G
4054	DASILVA, MANUEL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1995 (Cont'd)

4054	PONCEDELEON, MANUEL
4057	LANDEROS, FRANK
4067	OCCUPANT UNKNOWNN
4075	CASTILLO, ROBERT M
4081	OCCUPANT UNKNOWNN
4087	BARAJAS, ABEL
4112	GODOY, MOISES K
32611	BUDGET GLASS
	MARTINEZ TIRES
	MILD TOO WILD CUSTOM PAINTING
	PACIFIC STONE & DESIGN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 1995

1555	CHARFAUROS, FELIX
	COSTA, ROGER E
	DOOLEY, ROBERT
	FERNANDEZ, CARLOS G
	GARCIA, SAUL
	GONZALEZ, MARY
	KAYE, C A
	MARTINEZ, ALMA
	MCBRIDE, F E
	MCCOY, ADA L
	MCQUIEN, ROBERT S
	MOHAMMED, AYAD A
	MONTERO, ARGELIS
	SISSOM, ANDRIAN D
	VALLIN, SHERRIL D
1559	OCCUPANT UNKNOWNN
1565	BAKER, N A
	BASKIN, RUEVON
	CEBALLOS, ISABEL P
	CONLEY, ROGER
	ECHIVERRI, D
	GOMES, SARA
	LARSON, BILLIE S
	MAYHEW, JAMES M
	MEISON, LILLIAN M
	MENDEZ, HECTOR
	NECOCHEA, DAVID
	OCHOA, EDUARDO S
	RENTERIA, JAMES
	VALDEZ, EFREN
	VILLASENOR, JOSE L
1575	AGUIRRE, DAVID
	BUENO, ELISEO
	CARLIN, IGNACIO
	CARTER, RONALD W
	DELATORRE, MIGUEL A
	FERNANDEZ, JESSICA
	GONZALEZ, AMADO
	GUTIERREZ, FILOMEN
	LEGARE, ESTELLE
	LEVERTON, LEWIS
	MENDIA, EDDIE C
	MOREIRA, DEBBIE
	MUNOZCUELLER, OFELIA
	PALMER, NORMAN L
	PAMINTUAN, F C
	PAPPAGIANIS, JOHN W
	SAIS, CARLOS E
	STEWART, ED
	TERRELL, EVA M

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 1995 (Cont'd)

1575 ZEPEDA, JUAN M
1580 ABD, ELSAYED E
AGUILER, GABRIEL
ALFORD, MICHAEL L
ALPIZAR, SAMUEL
APPARITO, MICHAEL J
ARIAS, NELSON
BARRANCO, LETICIA
BARRETO, JOSE M
BASSANCO, LETICIA
BOWEN, EMMETT P
BROWN, DIANE
CHANCELLOR, JUDY A
DEGRACIA, ARMIDA A
DELATORRE, LUIS
FIERRO, JUAN G
FLOREZ, EVA
FRANKEN, DAVID A
FREMONT, JACOB B
FULLER, CHARLES
GABBARD, B D
GALINDO, P
GOMEZ, G G
GOVEA, CLAIRE
GRACIA, ARMIDA
HERNANDEZ, ELIAS C
HESS, MARGIE L
KLINGMAN, BRUCE A
KOCHES, JEFFREY R
LITTLEFIELD, WILLIAM J
MANGOSING, CYNTHIA F
MARTINET, JOSEPH A
MCINTYRE, STEPHEN A
MCQUIEN, ROBERT M
MERARANGEL, LUIS
MOODY, ROBERT G
MORENO, F J
MURRAY, JEFFERY
PEREZ, F
PRIETO, DIANA
QUINTON, ELPIDIO
RODRIGUEZ, ANN C
RUIZ, DANIEL
SALAZAR, JOSE
SAMONTE, F S
SERVIN, ELISA
SIERRA, ANDRES D
SOLORZANO, BEATRIZ
STREIBLE, CLLYDE L
TRIPP, GUSTAVO

MENDOCINO DR 1995 (Cont'd)

1580	WEBB, ULYSSES J
	YEPEZ, ANCELMO R
	YORBA, HECTOR
	YRISSONT, RAUL A
1585	ALVARADO, MARIO L
	AMBRIZ, FIDEL
	CASAS, JESUS
	CUEVAS, ABRAHAM A
	DEOCAMPO, NEMESIO
	KIPP, JOHN D
	MAKNOJIA, A V
	SCHAFF, CONRAD
	ZIMMER, KIRK R
1595	ARMENDARIZ, A
	BENDOS, LINDA
	BREITFELDER, ASCENCI
	BULLOCK, JOHN E
	BUMBASI, MAXIMO
	CARNISH, LYNN
	DISHAROON, M A
	ESCALANTE, MIGUEL
	GENZ, L E
	GOVEA, MICHAEL
	MAINS, ROBERT A
	MAURINO, T
	MAYA, CRUZ
	MILES, GAIL
	OLIVARES, ROBERT
	RATIGAN, MICHAEL D
	ROOFENER, PAUL B
	SCARAFIOTTI, FRED J
158523	WHITE, ELLA M
159530	MALL, R A
159531	GRACE, R
159540	ALVAREZ, DIONICI
555146	COSTA, ROGER E
565174	SETTLE, D

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 1995

1004	CONNOLE, DENNIS L
1005	SACCO, EDWARD J
1008	OCCUPANT UNKNOWNN
1010	HUSSMANN, TODD
1014	OCCUPANT UNKNOWNN
1019	OCCUPANT UNKNOWNN
1023	SANTAMARIA, PULAR
1029	OCCUPANT UNKNOWNN
1032	OCCUPANT UNKNOWNN
1033	POPE, BECKY
1036	TAMAYO, J
1037	KOSKI, JOE R
1042	TURNER, THOMAS A
1043	CASAS, JULIETA I
1048	MURRAY, LOUIS U
1051	OCCUPANT UNKNOWNN
1055	DUNCAN, JANET L
1060	KALA, JACOB E
1061	DUFF, ROBERT R
1065	PEEVLER, MONICA
1066	BAILEY, NANCY
1071	OCCUPANT UNKNOWNN
1072	WARD, TED R
1075	HEADWORTH, ORVILLE
1081	YUTSUS, THERESA S
1082	RODRIGUEZ, WILLIAM
1085	BAIER, ALAN
1090	ALVAREZ, B A
1091	OCCUPANT UNKNOWNN
1096	OCCUPANT UNKNOWNN
1097	JAMISON, GERALD E
1102	WEITHAUS, MARY S
1106	HALL, NORMAN
1112	OCCUPANT UNKNOWNN
1118	DEDDEH, NASSER H
1124	OCCUPANT UNKNOWNN
1128	MONTES, E
1132	FERNANDEZ, ARTHUR
1142	STILES, E W
1148	TOLEDO, T Z
1152	OCCUPANT UNKNOWNN
1158	OCCUPANT UNKNOWNN
1162	ALVES, CARLOS
1178	OCCUPANT UNKNOWNN
1188	MATTHEWS, GARY A
1220	GUNNLAUGSSON, LOUIS
1236	OCCUPANT UNKNOWNN
1270	OCCUPANT UNKNOWNN
1278	PERRY, ARTHUR
1286	ARANGURE, LUIS E

OLEANDER AVE 1995 (Cont'd)

1294	JIMENEZ, DAVID W
1301	GIRLS CLUB & BOYS CLUB
	SMALL WONDERS
1302	MORALES FIBERGLASS REPAIR SHOP
	MORALES, VIVIANO R
1312	GALLAGHER, TIMOTHY J
1322	MONTEUERDE, P
1342	OCCUPANT UNKNOWNN
1368	LACY, FELIZA
1374	HILL, DONNA J
1378	DELGADO, LOUIS
1383	ESQUIVEL, DANIEL
1384	STUHLER, PAUL H
1388	VANZUIDEN, EVERETT
1389	HICKLING, DEREK R
1392	VERHOEVE, GERRY
1398	OCCUPANT UNKNOWNN
1404	HUNTER, ROBERT E JR
1406	OCCUPANT UNKNOWNN
1407	CROCE, ALFRED
1408	DIMASE, F J
1409	FIREBAUGH, DONALD F
1411	MANGLONA, JOSEPH C
1413	PALENA, BETTY
1415	BICE, BOYD F
1417	MONROE, KAREN L
1418	OCCUPANT UNKNOWNN
1419	MCBRIDE, JAMES J
1420	BARRAGAN, RICARDO H
1421	CORTEZ, VICTOR
1422	OCCUPANT UNKNOWNN
1423	GONZALEZ, JAVIER
1424	OCCUPANT UNKNOWNN
1425	OCCUPANT UNKNOWNN
1426	STEPHENS, MARIA O
1427	GARCIA, TOMAS
1428	DELAROSA, DAVID
1429	CASTILLO, JOHNNY
1430	MCCOURT, ROBERT M
1431	CASTRO, OSUNA J
1432	GOMEZ, ROBERTO
1433	ERICKSON, P J
1437	ROSS, KENNETH L
1443	OCCUPANT UNKNOWNN
1447	OCCUPANT UNKNOWNN
1453	BRUNO, GARY
1457	MILLER, LYNN L
1463	LUQUIN, JORGE
1473	ELLIOTT, MAX
1485	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 1995 (Cont'd)

1489 LODER, JOSEPH A
1493 OCCUPANT UNKNOWNN
1500 CRUZ, RAYMOND
1501 OCCUPANT UNKNOWNN
1502 LAMP, JOHN L
1503 JULIEN, LOUISE M
1504 OCCUPANT UNKNOWNN
1505 LISCUM, CHAS
1507 OCCUPANT UNKNOWNN
1508 PALENCIA, MAX P
1511 OCCUPANT UNKNOWNN
1512 NEVLING, JAMES A
1514 SCHMIDT, JOEL E
1515 VALLE LINDO ELEMENTARY SCHOOL
1516 OCCUPANT UNKNOWNN
1518 CARSON, DENNIS P
1522 BELL, JAMES
1523 PALACIO, JOE J
1525 OCCUPANT UNKNOWNN
1526 KUKLA, STEVEN J
1527 ANGUIANO, FELIPE
1528 OCCUPANT UNKNOWNN
1529 MORA, ANTONIO
1530 OCCUPANT UNKNOWNN
1531 OCCUPANT UNKNOWNN
1532 OCCUPANT UNKNOWNN
1533 OCCUPANT UNKNOWNN
1534 MURRAY, CHARLES
1535 WILLIAMS, MARK
1536 BLAKE, WILLIAM E
1537 OCCUPANT UNKNOWNN
1538 LOZA, GRACE
1539 YOUNG, VERNON
1540 HAAS, DEAN J
1541 HAMILTON, MIKE
1542 CARPENTER, DIANE S
1543 SPEIR, WILLIAM F
1548 OCCUPANT UNKNOWNN
1549 OCCUPANT UNKNOWNN
1550 OCCUPANT UNKNOWNN
1551 OCCUPANT UNKNOWNN
1552 DUNN, DIANE W
1553 RAYBURN, GARY F
1554 OCCUPANT UNKNOWNN
1556 OCCUPANT UNKNOWNN
1557 OCCUPANT UNKNOWNN
1558 MCANNELLY, ROBERT L
1559 OCCUPANT UNKNOWNN
1560 CZAPOR, KARL W
1561 GUIANAN, CEREAL E

OLEANDER AVE 1995 (Cont'd)

1562	OCCUPANT UNKNOWNN
1563	WAGNER, JACK
1564	OCCUPANT UNKNOWNN
1565	OCCUPANT UNKNOWNN
1566	MARTINEZ, ALICE C
1568	OCCUPANT UNKNOWNN
1569	OCCUPANT UNKNOWNN
1570	OCCUPANT UNKNOWNN
1571	DENNIS, WALTER E JR
1576	MUNFORD, WILLIAM R
1577	OCCUPANT UNKNOWNN
1580	ONTIVEROS, JESUS
1581	TINGZON, LUIS L
1587	RUSSELL, ANTHONY W
1591	BALANAY, P D
1595	OCCUPANT UNKNOWNN
1608	CHAUNCEY, MARK R
1612	SACK, SUSAN O
1620	LUSSIER, RONALD V
1621	MARSHALL, KEVIN
1624	POZZI, VITTORI
1627	OCCUPANT UNKNOWNN
1628	HENNING, MICHAEL V
1632	JOHNSON, CURTIS M JR
1633	FERREIRA, EILEEN
1636	BRYAN, WALTER H
1637	RUSS, FRANKIE
1640	OCCUPANT UNKNOWNN
1644	HOFFMANN, ROBERT W
1648	HANSON, B J
1649	HUNT, ELSA M
1651	PETTY, MARTHA L
1652	GALLEGOS, COREY
1655	COCHRANE, JAMES L
1656	MCCALL, NORMA J
1657	LUCERO, G
1660	OCCUPANT UNKNOWNN
1661	TOTH, KAROLY JR
1664	GILBERT, LORETO
1665	OCCUPANT UNKNOWNN
1668	HOWARD, MICHAEL
1669	VASQUEZ, DAVID
1672	SEEGERS, COLLEEN A
1673	FREDERICKS, PAUL L
1677	OCCUPANT UNKNOWNN
1681	WOODHOUSE, DONALD L
1685	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TANOAK CT 1995

511	OCCUPANT UNKNOWNN
512	CEBALLOS, ESTABAN C
513	PUENTES, CARMEN V
514	SWEENEY, KEVIN J
515	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TIMBER ST 1995

507	LEDESMA, DAVID P
508	THORNTON, RALPH W JR
509	OCCUPANT UNKNOWNN
510	BOYLE, KEVIN G
511	DELACRUZ, JULIAN N
512	OCCUPANT UNKNOWNN
513	OCCUPANT UNKNOWNN
514	DURSO, TOM
515	ECKHART, BEATRIZ S

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BRANDYWINE AVE 1992

1481	PICHARDO, RAMIRO
1487	AMADOR, LUIS
1501	FOLEY, DAN
1505	ASHCRAFT, JOHNNY D
1655	BRANDYWINE LQR&DELI
	CORZY CORNER THE
1665	BLOK, RANDY
	BRADY, ROGER S
	BRANDYWINE APTS
	CHLEBEK, C
	CURTIS, P
	GARCIA, J
	LINHARDT, YVONNE M
1669	RAYCHEM CORP
1670	GRAINGER DIV
	HARDWOODS INC
	RAYCHEM CORP INFO
1675	US CONTAINER CORP
1685	HYSPAN PRECSN PRDC
1690	GENL TEXTILES
166513	WILES, CURTIS R
	WILKINS, DEAN
166516	KARAMOTO, JOE
166521	BOTELLO, F G
166528	GRIMSLEY, EUGENIA C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1992

2001	SD CO SWISS CLUB
2240	A&Z FASHIONS
	AMER OFC DSTRBTRS
	AMEX FOOTWEAR
	AMINTERON SYSTEMS
	B&C WHOLESALE EXP
	BAJA DIESEL PARTS
	CEREZOS
	E M I NETICS
	INTL RESOURCE
	M E E
	NOVA LABORATORIES
	PAC FLEET SPL&EQUIP
	PLASTIC SUPPLY CNTR
	RUBENS WOODSHOP
	SANIPAC
	SD GARAGE DOOR&WNDW
	SONIKA ELECTRONICA
	SUPERIOR LANDSCAPE
	VEGA ENTERPRISES
	VERITE IMPORTS
	WEST CST TV&VDO SRV
2244	AMER GLAZING CONTRS
	B&B SALES
	BIO DENTAL
	BRITTANIS COSMETIC
	BRUKAR INC
	C T ENTERPRISES
	CARDENAS REFRIG
	CENTURION TRADING
	DANS PRDS DSTRBTNG
	DYNAMIC PAPER INC
	FLORENCE ROMELCZYK
	FLORENCE, R
	GAYTANS NEWS
	IRON OXIDE INC
	LOHNING RAYMOND G
	MARCELLA ROMAYA
	NATL AUTO ELECTRC
	NORTHN CHEM IND SPL
	SD SCIENTIFIC
	SUPER SAVER WHSL
	VIKING WHSL INC
2248	AKER LEATHER PRDCTS
	BODY CUTS
	FASHION DEPOT INTL
	NATL LEATHER GOODS
	SD INDUSTRIAL SPLY
	SOUTH BAY CRPT DSTB
	U S T SHIRTS

2252	BRONCO WHEELS
	DBEZ IMPORTS INC
	DUDLEY CRAIG ORG
	G&R SPECIAL SERV
	J M T M ENTERPRISES
	J&C DISCOUNT SHOES
	K C R INC
	KOASTAL KIDS MRKSTN
	LINCOLN PROPERTY CO
	O K TYPESETTING
	R C&T C SEWING
	RIKEN TOYO LTN AMER
	SIFUENTES DINA
2256	CO OP OPTIONS
	FIGUEROA ENTPRS CO
	I L O FABRICS
	KING PURIFICATN SYS
	KUNG FU SAN
	KUNG, FU S
	LYNDER FOODS
	MR FIX IT IND
	ORBIS INDUSTRY INC
	RARTAR CORP
	SARAH SPORT
	SATELLITE WEST
	SOUTH BAY TAEKWONDO
	TECATE MASTER HANDS
	U S P
	WEST CST PMP&SUPPLY
	WU EMILY
	WU, EMILY
2260	A V E S
	ADVANCE AUTO ACCSRY
	ANCIRA INDUSTRIES
	BEST EDUCATIONL SPL
	C&R MARINE&INDS SPL
	CIPRIANO BALLOONS
	COSMOS MARKETING
	FIESTA FILMS INC
	MI CASITA REST
	REYNAS FSHN&DESIGNS
	SOUTH BAY SNDBLSTNG
	TANG DOO DO INST
	VIDEO SANCHEZ DISTB
2275	ZERIMAR SEAFOODS
2285	RANKIN INDUSTRY INC
2295	DYNAMIC BICYCLE MFR
	PALOMAR IMPORTER
2317	ADDED VALUE STRG
	BAJA CLUB INC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MAIN ST 1992 (Cont'd)

2317 STUDIO GARCIA
U HAUL CO
2320 J G&SONS BROKERS
2350 FULLER HONDA LSNG
2365 WEST AUTO WRECKERS
2385 GEARHART, CYNTHIA B
MAIN ST MINI STRG
2400 WEBER DISTBN WRHS
2402 HOPEMAN BROS INC
WOODCRAFT CO
2445 HANDY MINI STORAGE
IRONWOOD SCULPTURES
MARCOS BARBA&ASCTS
T J LEATHER
VAZQUEZ, RAMON E
2446 A R INTERNATIONAL
A&P BUSNS GRAPHICS
ANDERSONS PLMB&RMDL
BOLTS&SUPPLY MARKET
CA MARINE
CANTIQUES BY VERLA
INSIGHT PAINT&DECOR
JESSES SMOG STATION
MAIN TRANSMISSION
PINNACLE INDS SPLY
REELAR DESIGNS
SD WELDERS SPLY INC
STAR SECRTY MTL WRK
T SHIRT OUTLET
2462 INDSTRL FISHING EQP
OAKLAND COMPANY
PERFECTION PEANT CO
2471 A MUDANZS INTRNCNLS
A&K TAX SERVICE
AMER AUTO REGISTRTN
H&G AUTO SALES
MANNER METABOLC PRD
PACIFICA TRANSPRTN
REDS MOTORS
S&TT AUTOS
VICTORY IRN WRK INC
2474 AGENCIA, ARJONA S
F F F DISTRIBUTORS
GLAD E C CO
MYERS INDUSTRIES
PAC ARGO INC
PRAGUE CORP
PREMIUM NUT&FRUIT
STARLITE TRL MIX CO
2488 BARRON LANDSCAPE

MAIN ST 1992 (Cont'd)

2488	EURASIAN CAR PARTS
	H BAR R WSTRN OUTFT
	K&K VENDING
	M H P
2489	FREEBY SIGNS
2490	AMERMEX IMP&EXPORT
	BROWN G E SERVICE
	CCS UNCLE SAMS BRBQ
	FELIXS AUTO SALES
	M&M AUTO DETAIL
	R B N S INC
	TRUCK N DIESEL INC
2514	SANTA FE MEATS
2516	S&C FURNITURE
2520	A&J TRUCK&AUTO RPR
	AERO CUSTOM INTR
	CASILLAS FRNTR IMP
	CHULA VST IND&PUMP
	CISSAN PARTS&EQUIP
	IMPORTS QLTY SERV
	J R AUTO REPAIR
	LACAYO W J BUS SRVS
	M D C AUTO SALES
	M&C MICROCOMPUTER
	MEZA BODY SHOP SPLY
	OSMOSIS INVRSA PNSL
	RAYS AUTO DETAIL
	SANTANA AUTO SV&RPR
	TRESS DISTRIBTNG CO
2524	CONTRERAS REFRIG
	L B INNOVATORS INC
	TRUE BODY&PAINT
	U S A P M
2530	AFFORDABLE ART
	BEAS C MEXICAN PROD
	CRAZY GUYS STEREO
	KARS
	PRINTING EQUIPMENT
	REVELES STRIPING
	RIVERA SALES CO
	SKY HIGH FOOD COOP
	SOUTH BAY AUTO SLS
	SWE JON IND SPL INC
	VITOS AUTO CARE
2540	C A M&SONS TYPSTTNG
	GARCIAS MEXICN FOOD
	INTL COPY
	POLLO CHARRO
	POLLO, CHARRO
2543	GOULD, JAY W

MAIN ST 1992 (Cont'd)

2543 SEA TREC ENTERPRS
STANFORD SIGN CO
2550 PAC TAMBOUR
PACIFIC, TAMBOUR
2560 H&M WROUGHT IRON
2585 LEAF SALES INC
TORRES, WILLIAM
WALTON, CROSHEN
2586 ALFREDOS UPHOLSTERY
2615 CASAMAR INC
2638 BIRRIERIA, SINALOA
LOYAL ORDR MSE 1927
MARISOL
MORETT, MARTHA E
QUICK LIQUOR
2648 UNIVRSL AUTO PARTS
VIDEO ESPANOL
2650 ARIZONA RESTAURANTS
2665 SD REDWOOD LUMBER
2677 EDDIES MUFFLR MSTRS
2681 BAJA PARTS&MACHINE
2744 ACTIVE AUTO
NUMERO UNO MOTORS
2756 VALUE VILLAGE
2765 LYON ELECTRIC CO
OTAY MEXICAN FOODS
2776 CHULA VST SELF STRG
2795 EL POLLO LOCO
2801 B S J EQUIP&SRV
BAJA CA CYCLE
2817 DOLLY MADISON BKRY
WEBER BAKING CO
2820 MAACO PNTNG&BDYWRKS
2822 SOLORIOS GEN MECHNC
SOUTHWST PLATING
2827 COBARRUBIAS, RAMON C
2830 PURPLE HRT VET SHPS
2850 MARKET FIXTURES
2864 BOB COOKES SUPPLY
2865 REINERT ENTERPRISES
2870 HARBOR VAN&STORAGE
NATL VAN LINES
2887 ACOSTA, HENRY
CANCINO, VICTOR
CORNEJO, OSCAR
VASQUEZ, VILMA
2906 MCCLELLAND, J M
2910 STARJUS AUTO SALES
2952 LOOK OWNRS MBLHM SL
OWNERS MBL HOME SLS

2974	ROMO, JOSE C
2976	FERNANDEZ, F R
2980	RIVERA, R
3008	PALOMINO STAR
	PALOMINO, STAR
3046	VELASQUEZ, JUAN M
3064	ARCE AUTO BODY
	SERVICIOS, JIMENEZ
3082	ENRIQUEZ, JOSE H
3084	SOUTH BAY FENCE CO
	ZEHM ENTERPRISES
3089	SECURITY FRST STRG
3120	LA NENA MEXICAN FD
3121	AMER EQUIP&RFRBSHNG
	CERTIFIED AMER REST
	LOUS GYM
3124	DOUBLE AA TIRE CO
3129	BELLAMA CSTM FBRCTR
3132	SD ORTHO
3136	RICHTER, HAROLD P
	RITCHER, HAROLD
3141	SMART&FINAL
3148	A B C REBUILDERS
3149	FRATERNAL EGLS 3142
3151	LANCE RECYCLING
3154	CANDLELIGHT ELEC
3156	NUBIAS HAIR STYLES
3164	THOMSON FRANK L
	THOMSON, FRANK L
3166	MACS AUTO
3189	BOBAR LIQUORS
3205	SCOTT, L J
3211	J R AUTO SALES
3218	ALAN HAIRCUT
	BOBAR MINI NO 7
	FASHION SUNGLASSES
	FRANKIE OPTCL SPLY
	TOLUCA MEXICAN REST
3232	KINGS BILL APPLNC
3236	HERNANDEZ RADIATOR
	SOUTHRN STEEL
3261	MAIN ST AUTO SALES
3268	INTL CARPET CLNRS
3275	JIMENEZ, ROBERT
	SALAZAR MOTORS
3288	SUNCRAFT INTERNATL
3303	G S PARSONS CO
3311	ALL STAR GLASS CO
3317	ALL TYPE CABINET
3326	HERRON, KENNETH E

MAIN ST 1992 (Cont'd)

3326	PET CLINIC THE
3328	D S AUTO SALES
3333	CROWER CAMS&EQUIP
3342	FIGUEREDO, ALFONSO
3356	BRIANS CHEM DRY
3358	SOTOS TRANSMISSIONS
3366	AYALA, JESUS
3384	ARMENTA, PETE
3390	V M AUTO BODY
3434	PEREZ, JESS
3436	DELATORRE, MARIA E
3441	GELCO SPACE
	LARRY OHARRA ENTPRS
	RELIABLE WASTE INC
	T I P
3444	J&A AUTO BODY SHOP
3452	MACHADO, B P
3468	SCHULTZ, FRANK
3487	ABRE TOWING
	ESPARZAS USED TIRES
	PAXTON TOWING
3494	RAMIREZ B A&SONS
3513	ABRE ENTERPRISES
	GREGORY J RECYLCLNG
3517	J&C AUTO RECYCLING
3525	REPCA INC
	SKUBSKI, RICHARD
3554	VALENCIAS DIESEL
3611	BURRIS GARAGE
3615	C L B MANUFACTURING
3620	G K N RENTALS
3630	G M HOT LUNCH TRUCK
	SD CO CATERERS
3631	MICRO KRUSER
	VAN CONVERSIONS MFG
3639	DONHAM CAMPER VANS
3645	P B AUTO
3648	BORDER MARKETING
	EXPRESS DELIVERY
	GATEWAY TO MEXCO SV
	OMEGA AVIATION
	SAINZ XAVIER J&ASC
	SHINMARU COLLECTION
	TLALOC MESSENGER SV
	TRATEC OF CA INC
	XHUAN 102 5 FM
3650	IRONGATE MINI STORG
3651	HOLIDAY AUTO PRTS 1
3679	E&L AUTO ELECTRIC
	ECONOMY UPHOLSTERY

MAIN ST 1992 (Cont'd)

3681 WILSON, EDUARDO H
3712 J B T L INC
U HAUL CO CHLA VSTA
3730 LAMAR MOBILE SPACE
MOBILE HM TRANSPRT
3754 MARBLE WORKS OF SD
3755 HILLTOP MAIN STRG
3800 B W LIGHTING
BORDER LEATHER CORP
DEL NORTE TRCK PART
GEM TEXTILES
INTL TRADE FURN MFG
MAIN CLUTCH CO
MAJOR IRRIGATION
MUSPAC ENTPRS INC
SONO METAL FABRCTN
SUNNY GLASS
SUNY IMP BODY PARTS
3802 BROADLEAF IND
DESERT KING CORP
DOS AMIGOS MXCN PRD
HIKAM AMERICA
TOOL OUTFITTERS
3804 A&M WAREHOUSES
BELL, DENNIS J
FAMOUS TRAILS
LEOPOLD, M R
PAC SUN CO
QUALITY FOOD DISTB
3817 SCHERTZER, MICAELA E
3885 SENTRY SELF STORAGE
3925 TULIO, BEDOYA M
3930 MARTINEZ, MARIA E
3968 JENNINGS, MICHAEL
3988 DIXON, ZILPHIA A
3998 BROWN, CHARLES L
4030 HUERTA, G
4040 RODRIQUEZ, GUSTAVO
4043 PANGASINAN, BEATRIZ G
4052 BOWEN, BOOKER
GILLESPIE, EVELYN L
4054 DASILVA, MANUEL
PONCEDELEON, MANUEL
22446 LOHNING, RAYMOND G
28472 VAZQUEZ, LUCIA
28473 RAMIREZ, MARIA C
28872 ARELLANO, ANITA
28876 QUIJADA, LUIS B
28879 MONTOYA, AGUSTIN F
284714 WINTHROP, E

MAIN ST 1992 (Cont'd)

288710 HERNANDEZ, MARIA E
288711 REYES, ROSARIO
288720 CAMARENA, P
288729 BELTRAN, CELIA
298012 ROMO, MARTINA E
326112 BUDGET GLASS
MARTINEZ TIRES
MILD WILD CSTM PNTG

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

MENDOCINO DR 1992

1555 CHARFAUROS, L
MONTERO, ARGELIS
1565 ALMAGUER, D
CHAVEZ, R
DELGADILLO, RAFAEL
FORTUNE, JOHN H
M M C GRAPHICS
1575 CARLIN, IGNACIO
LEE, S
MAYEAUX, WILLIAM J
1580 BARRANCO, CARLOS
LUA, EMMA
MERARANGEL, LUIS
ROONEY, E J
RUIZ, DANIEL
SALAZAR, DANNY
SANTILLAN, B C
TABOADA, NANCY
1585 NAKAHATA, TOSHIYA
1595 BENDOS, SOTIR
MAURINO, T
15753 LEGARE, ESTELLE
158070 GABBARD, B D
158082 SMITH, MICHAEL T
158084 MOODY, ROBERT G
158085 BARRETO, JOSE M
158086 GRACIA, ARMIDA
158098 ALPIZAR, SAMUEL
158523 WHITE, ELLA M
159527 OROZCO, JAIME F
159529 SCARAFIOTTI, FRED J
159530 MAINS, ROBERT A
159531 GRACE, R
159557 BREITFELDER, A
1555144 GOLDEN, MARISSA
1555146 COSTA, ROGER E
1555148 GARCIA, SAUL
1555155 CHARFAUROS, FELIX
1565171 OCHOA, EDUARDO S
1565172 NECOCHEA, DAVID
1565174 SETTLE, D
1565175 JAIME, TOM
1565179 NEGRETE, MARIA
1575191 GUTIERREZ, F
1575196 LEE, THOMAS I
1580102 FULLER, CHARLES
1580120 MARTINET, JOSEPH A

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 1992

1008	CORTEZ, JORGE
1033	BARRY, DALE E
1036	TAMAYO, J
1037	KOSKI, JOSEPH R
1042	TURNER, THOMAS A
1051	RAMIREZ, SIMION
1061	DUFF, ROBERT R
1065	MARQUEZ, LISA M
1071	REA, ELAINE M
1072	WARD, TED R
1075	IBARRA, MARIA
1081	YUTSUS, THERESA S
1102	WEITHAUS, MARY S
1128	MONTES, E
1200	PARK VIEW LEAGUE
1220	GUNNLAUGSSON, LOUIS
1278	PERRY, ARTHUR
1286	ARANGURE, LUIS E
1301	SMALL WONDERS
1302	MORALES FBRGLSS RPR
1378	WEINBERG, MARCUS E
1398	DOLAN, MARK
1402	FITHIAN, DAVID W
1408	DIMASE, F J
1409	FIREBAUGH, DONALD F
1419	MCBRIDE, JAMES J
1423	GONZALEZ, JAVIER
1424	HAMILTON, KENNETH J
1429	BRYAN, RICHARD
1430	MCCOURT, ROBERT M
1432	WILLIS, ROBERT A
1437	ROSS, KENNETH L
1443	SENIOR, JAY A
1453	SARGENT, STEVEN
1457	MILLER, LYNN L
1489	GOMEZ, D
1500	CRUZ, RAYMOND
1502	LAMP, JOHN L
1505	LISCUM, CHARLES B
1508	PALENCIA, MAX P
1511	CARLSON, LUCILLE
1515	VALLE LINDO ELEM SC
1522	BELL, JAMES
1527	ANGUIANO, FELIPE
1529	HALL, P H
1530	CORDERO, ALVARO
1531	ROBERTS, SUSIE S
1534	DRIVER, KELLY P JR
1535	WILLIAMS, MARK
1538	LOZA, GRACE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OLEANDER AVE 1992 (Cont'd)

1540 YOST, DAVID D
1552 WILSON, WOODROW
1553 RAYBURN, GARY F
1559 MYERS, RONALD
1560 CZAPOR, KARL W
1562 ANDERSON, IRVING C
1563 WAGNER, JACK
1571 DENNIS, WALTER E JR
1576 MUNFORD, WILLIAM R
1580 KENNISTON, DONALD
1608 BORDENAVE, GASTON
1612 SACK, SUSAN O
1628 OKOSKO, MARK M
1632 JOHNSON, CURTIS M JR
1633 LOZANO, PAUL
1636 BRYAN, WALTER H
1648 HANSON, B J
1649 HUNT, ELSA M
1661 TOTH, KAROLY JR
1664 GILBERT, LORETO
1665 HOWARD, KRIS W
1668 HOWARD, MICHAEL
1669 VASQUEZ, DAVID
1677 LOGAN, GRACE M
1681 WOODHOUSE, DONALD L
1689 MAJURE, CHARLES R

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TANOAK CT 1992

513 JIMENEZ, EFREN

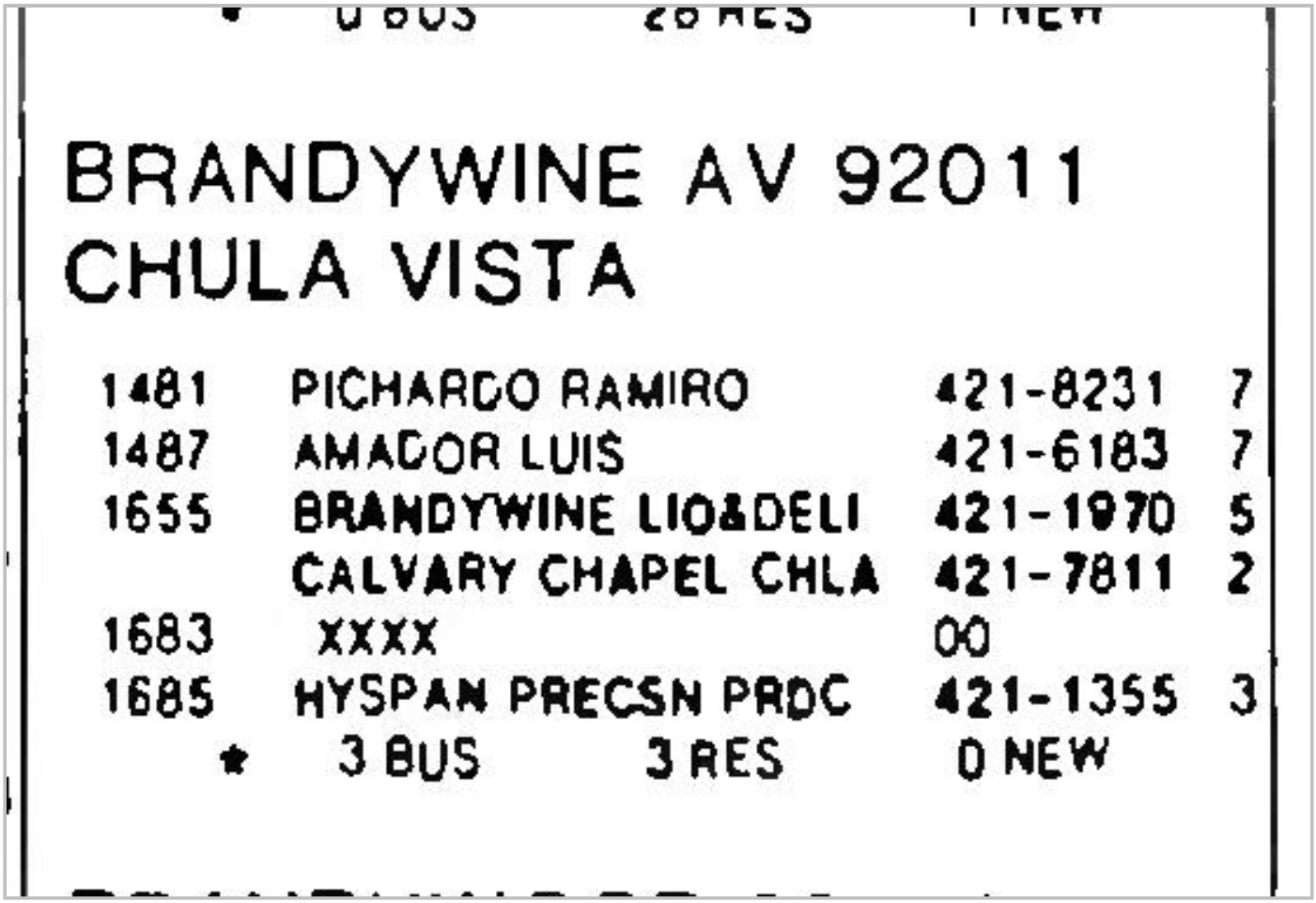
Target Street	Cross Street	Source
-	✓	EDR Digital Archive

TIMBER ST 1992

508	THORNTON, RALPH W JR
510	BOYLE, KEVIN G
514	DURSO, TOM

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

BRANDYWINE AVE 1986



* 0 BUS 28 RES 1 NEW

BRANDYWINE AV 92011

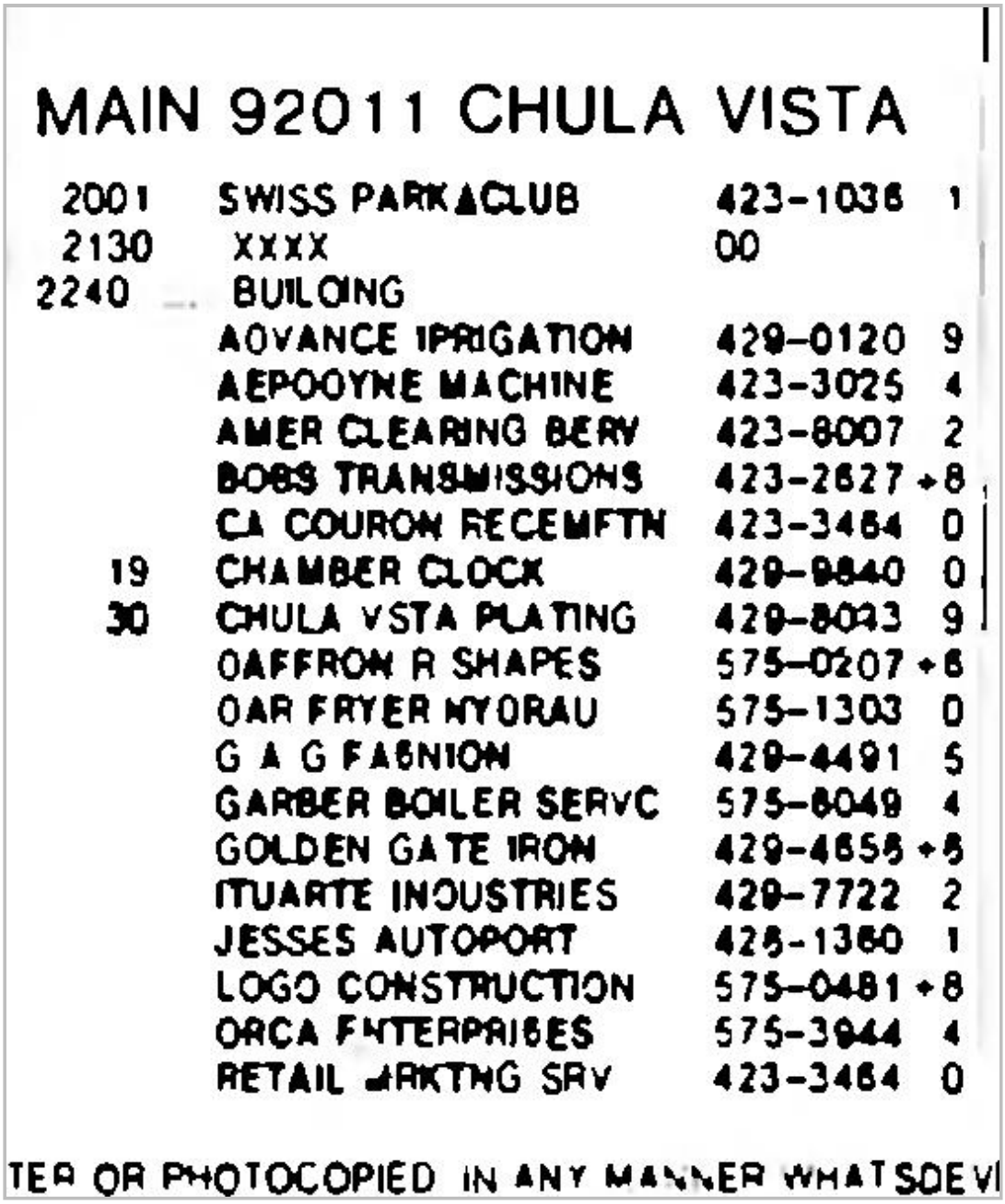
CHULA VISTA

1481	PICHARDO RAMIRO	421-8231	7
1487	AMADOR LUIS	421-6183	7
1655	BRANDYWINE LIQ&DELI	421-1970	5
	CALVARY CHAPEL CHLA	421-7811	2
1683	XXXX	00	
1685	HYSPAN PRECSN PROC	421-1355	3

* 3 BUS 3 RES 0 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1986



MAIN 92011 CHULA VISTA

2001	SWISS PARK&CLUB	423-1036	1
2130	XXXX	00	
2240	BUILDING		
	ADVANCE IPRIGATION	429-0120	9
	AEPOOYNE MACHINE	423-3025	4
	AMER CLEARING SERV	423-8007	2
	BOBS TRANSMISSIONS	423-2627	+8
	CA COURON RECEMFTN	423-3464	0
19	CHAMBER CLOCK	429-9840	0
30	CHULA VSTA PLATING	429-8043	9
	OAFFRON R SHAPES	575-0207	+6
	OAR FRYER MYORAU	575-1303	0
	G A G FASNION	429-4491	5
	GARBER BOILER SERVC	575-8049	4
	GOLDEN GATE IRON	429-4655	+5
	ITUARTE INDUSTRIES	429-7722	2
	JESSES AUTOPORT	425-1360	1
	LOGO CONSTRUCTION	575-0481	+8
	ORCA FNTERPRISES	575-3944	4
	RETAIL ARKTNG SRV	423-3464	0

TER OR PHOTOCOPIED IN ANY MANNER WHATSDEVI

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1986



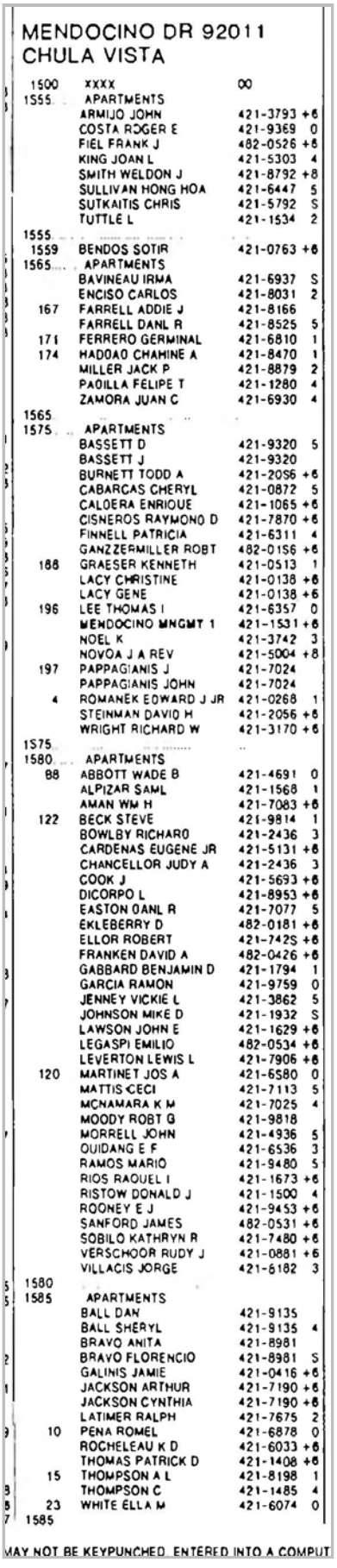
MAIN 92011 CONT

	S S WELDING	429-6555 +6
	SAMS UPHOLSTERY	423-0063 5
	SAVOIR FAIRE PROCTN	575-4512 +6
	SO ORNAMENTAL IRON	429-4786 2
	TWO CALIFORNIA	423-0644 +6
2240		
2244	BUILDING	
	AKER LEATHER PROCTS	423-5182 2
	B J OIL	423-5822 3
	BEVERAGES ULTD INC	424-3135 5
	CA NATIVE MFG	429-9933 5
	E M PAPER&SUPPLY CO	575-3338 5
	GONZALEZ EDWARD	423-2202 +6
	ICY COMPANY INC	575-0787 +6
	KOOL MASTER REFRIG	575-2207 +6
	MIMS PLATING	423-7600 +6
9	NATL AUTO ELECTRC	429-1188 1
	NATURAL YUCCA IMPRT	575-8227 +6
	NORTHERN CHMCL INDS	423-1840 6
	NUCOR IMPORTS	423-8696 1
	R R WELDING FABRICA	423-8101 5
	ROYAL NEON	575-5929 4
	SUZETTES	575-8451 4
	TRICO CHEMICALS	575-1588 4
	TRUCHUCK CO	575-8292 +6
2244		
2248	BUILDING	
	BENOTTO U S INC	423-1052 4
	BOM MATTRESS CO	575-2252 +6
	BRUKER INC	429-0402 5
	CHAPARRAL CO	423-9521 2
	ELM ASSEMBLY INC	575-3355 4
	HARLEY DAVIDSON	575-7744 +6
	HELIBKIMMER CORP	429-1540 +6
	NATURE DESIGN CO	423-9520 8
	OLD WST OLTY LTNRCR	429-8050 4
	SOUTH COAST HARLEY	575-7744 5
	TIMELESS WOOD PROD S	423-0092 +6
2248		
2250	XXXX	00
2252	BUILDING	
11	ACACIA LNDSCPNG	575-1072 0
	CAPRICORN LEATHER	575-3922 +6
	DBEZ IMPORTS INC	429-3262 4
	DIGITAL COLOR	423-0536 3
11	KUVELIS ENG SUPPLY	424-3348 0
	LAESPECIAL WAREHSE	429-5858 4
	MICRODIN CO	424-6100 3
	NEW SCHL ARCHTCTR	429-9090 2
	O K SLAGLE ADVRTSG	423-8568 +6
	R LEE SPECIALTIES	575-0155 5
	ROZNOR CO	429-1311 +6
9	SUNCRAFT INTERNATL	424-9878 1
	T&W SEWING UNLTD	423-4008 +6
	WOODCHUCK WOWRK&PL	575-6388 4
2252		
2256	BUILDING	
	AMER OAK PRODUCTS	429-8021 +6
	CHICO BURRITOS	423-7433 +6
	COASTAL CLOTHING MFR	575-6826 +6
	COMFORT ZONE INSLTN	429-6600 9
	DOS AMIGOS MEXICN PR	423-0141 4
	DUKE HARRIS&COMPANY	429-3853 +6
	FRESA INC	575-2699 +6
	HARRIS DUKE&CO	429-3853 +6
	JUAREZ CONSTRUCTION	575-5834 4
	L&M PARTS EQP DSTB	423-1382 +6
	NOELIAS FASHION	423-3174 +6
	SO PRICE BUSTER	575-3898 +6
	SOUTO JORGE	575-4411 +6
	TWEEKERS UNLIMITED	429-8816 +6
2256		
2260	BUILDING	
	ADVANCE DIESEL PRTS	423-0931 4
	CA OFFICE PRODUCTS	575-0306
17	CAL OP CO	575-0806
	EURASIAN	423-5841
	EURASIAN CAR PARTS	423-5542 +6
	EURASIAN CAR PARTS	423-5543 +6
	FLOYD SEWING MACHIN	942-9733 5
	J E T PLASTICS	575-2896 +6
	KWONS KARATE INST	429-9122 9
5	MAIN EVENT	429-1710 0
	NAUTICAL REALTY	423-9050 4
	PRIMA SUPPLY	429-5202 5
	S O S ELCTRNCS SPLY	423-1135 1
	SHIPS MSSL SYST CNS	575-3639 4
	VALTRON CORP	423-5250 4
2260		
2275	ZERIMAR SEAFOODS	429-3101 +6
2295	CA SPORTS CONNECTN	575-8555 +6
	SQUIRE OF CALIF INC	575-8555 4
2317	DO IT URSELF STRG	423-8103 2
	DO IT YOURSELF	423-8103
	JU MON CLAUDE	429-7070 +6
	LOPEZ JULIETA	424-9041 +6
2320	CHULA VISTA FARMS	429-4040
2321	XXXX	00
2350	A H&M M OF CAL PAC	575-3090 5
	VISTA MCALLEN INC	423-8500 +6
2355	WEST AUTO WRECKERS	423-1100 9
2385	GEARHART C B	423-3834 0
	MAIN ST MN STORAGE	423-8854 1
2400	WEBER TRUCKAWAREHS	423-8770 5
2402	H H HILLING MOVING	575-0870
	HILLING HH MVNG STR	575-0870 5
	HORSMAN BROS INC	423-0330 0
	SCOLARI INC	429-0700 8
	WOODCRAFT CO	423-4397 +6
2433	XXXX	00
2443	XXXX	00
2445	HANDY MINI STORG	429-8410 3
2446	BUILDING	
	ANDERSONS PLMB&ARMOL	429-1738 4
	AYASON INTERNATL	423-2124 +6
	BOLTS&SUPPLY MARKET	423-8284 +6
	C H ONTL EXPRT SPLY	575-1777 5
	CA SAW WORKS	575-9081 2
	CAN AM BRAKE ROTORS	575-8699 +6
	CHASSIS AUTO PTS	423-8863 3
	DELCASTILLO J	575-5264 +6
	ELECTRO LITE BATTRY	423-3270 2
	GREAT VALUES	575-0830 4
	HYDRA MAC	575-8554 +6
	INTL EXPORTERS	429-4242 3
	LUNS CHINESE IMPORT	575-0830 3
	RANCHO BERN AUTO	424-3051 +6
	REO HILLS ORNMTNL S	423-2632 3
	SO WELDERS SUPPLY	423-9911 3
	VANREEP INDUSTRIES	429-5439 4
2446		
2450	XXXX	00
2468	XXXX	00
2462	CINTAS V A C	423-2148 +6
	REFLECTN PNT&POP SP	423-5887 3
	SHIRS SV FURN APLNC	424-6852 +6
2465	XXXX	00
2471	BUILDING	
	ALALI IMPORT	575-0649 +6
	CA RECOVER SERVICES	424-3312 +6
	CENTRO DE ESTUDIOS	575-7707 +6
	ECODECO	575-8030 +6
	ESPINOZA FASHION	575-8887 +6
	FLORES S INCOME TX	429-4331 +6
	FUERTE DISTRIBUTNG	423-7202 +6
	KENNY INC	575-5334 +6
	PROFSNL CAREER SERV	423-8383 +6
	ROJAS CARMEN M INS	423-2996 +6
	TRES CA	429-8092 +6
	UNIDEX RL EST CO	423-8464 +6
	WESTRN BOARDER FIRE	575-5550 +6
2471		
2474	BROWN G E APPLNC SR	575-1552 4
	CENTEARLE PLUMBING	262-0101 +6
	CENTSARLE PLUMBING	422-0110 +6
	F F F DISTRIBUTORS	423-8125 4
	GLAD E C CO	575-8699 4

ER EXCEPT AS AUTHORIZED BY WRITTEN - B HAINES

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MENDOCINO DR 1986



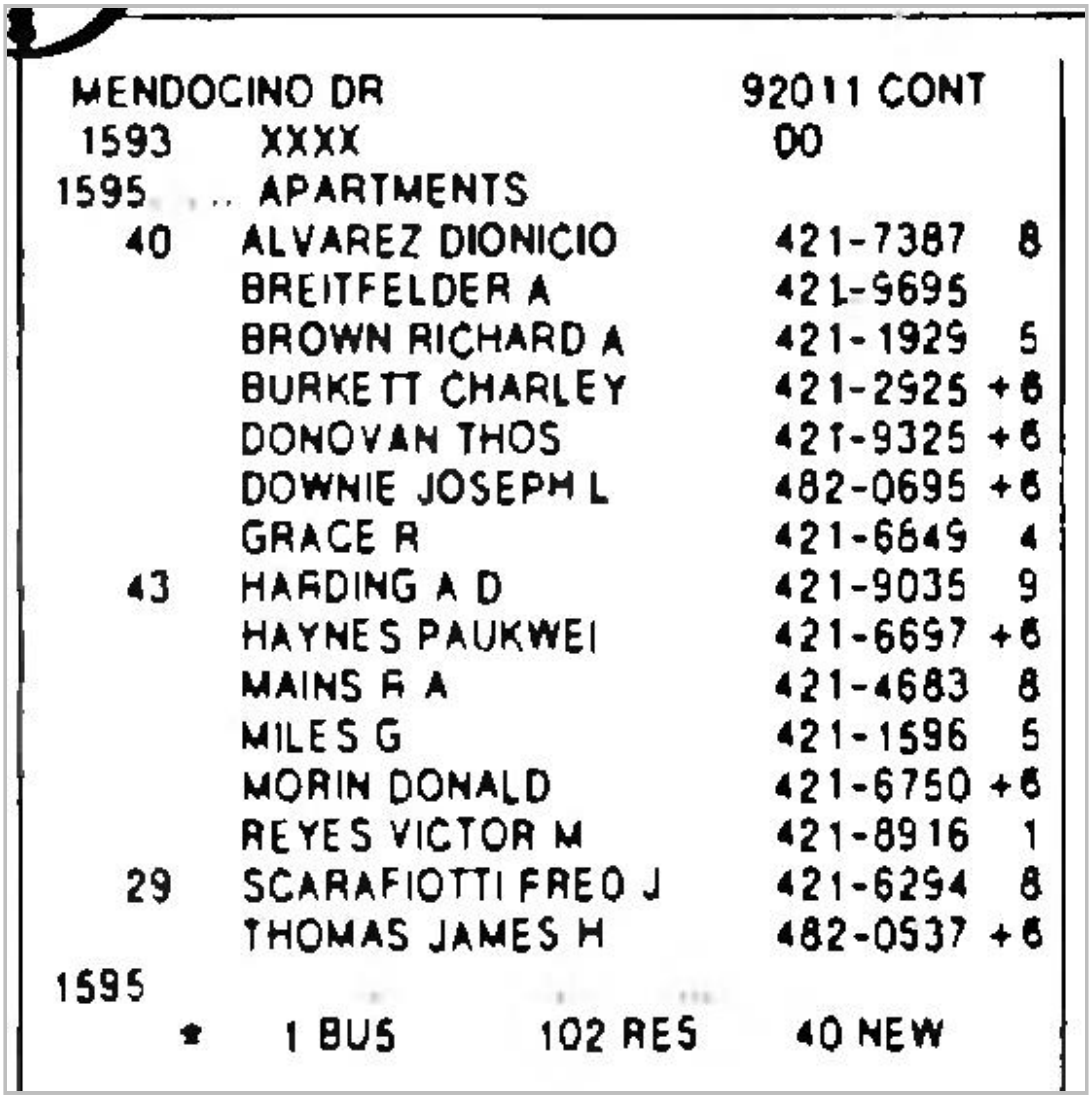
MENDOCINO DR 92011
CHULA VISTA

1500	XXXX	∞
1555	APARTMENTS	
	ARMIJO JOHN	421-3793 +6
	COSTA ROGER E	421-9369 0
	FIEL FRANK J	482-0526 +6
	KING JOAN L	421-5303 4
	SMITH WELDON J	421-8792 +8
	SULLIVAN HONG HOA	421-6447 5
	SUTKAITIS CHRIS	421-5792 S
	TUTTLE L	421-1534 2
1555		
1559	BENDOS SOTIR	421-0763 +6
1565	APARTMENTS	
	BAVINEAU IRMA	421-6937 S
	ENCISO CARLOS	421-8031 2
167	FARRELL ADDIE J	421-8166
	FARRELL DANL R	421-8525 5
171	FERRERO GERMINAL	421-6810 1
174	HADDAD CHAMINE A	421-8470 1
	MILLER JACK P	421-8879 2
	PADILLA FELIPE T	421-1280 4
	ZAMORA JUAN C	421-6930 4
1565		
1575	APARTMENTS	
	BASSETT D	421-9320 5
	BASSETT J	421-9320
	BURNETT TODD A	421-2056 +6
	CABARCAS CHERYL	421-0872 5
	CALDERA ENRIQUE	421-1065 +6
	CISNEROS RAYMOND D	421-7870 +6
	FINNELL PATRICIA	421-6311 4
	GANZZERMILLER ROBT	482-0156 +6
188	GRAESER KENNETH	421-0513 1
	LACY CHRISTINE	421-0138 +6
	LACY GENE	421-0138 +6
196	LEE THOMAS I	421-6357 0
	MENDOCINO MNGMT 1	421-1531 +6
	NOEL K	421-3742 3
	NOVOA J A REV	421-5004 +8
197	PAPPAGIANIS J	421-7024
	PAPPAGIANIS JOHN	421-7024
4	ROMANEK EDWARD J JR	421-0268 1
	STEINMAN DAVID H	421-2056 +6
	WRIGHT RICHARD W	421-3170 +6
1575		
1580	APARTMENTS	
88	ABBOTT WADE B	421-4691 0
	ALPIZAR SAML	421-1568 1
	AMAN WM H	421-7083 +6
122	BECK STEVE	421-9814 1
	BOWLBY RICHARD	421-2436 3
	CARDENAS EUGENE JR	421-5131 +6
	CHANCELLOR JUDY A	421-2436 3
	COOK J	421-5693 +6
	DICORPO L	421-8953 +6
	EASTON DANL R	421-7077 5
	EKLEBERRY D	482-0181 +6
	ELLOR ROBERT	421-7425 +6
	FRANKEN DAVID A	482-0426 +6
	GABBARD BENJAMIN D	421-1794 1
	GARCIA RAMON	421-9759 0
	JENNEY VICKIE L	421-3862 5
	JOHNSON MIKE D	421-1932 S
	LAWSON JOHN E	421-1629 +6
	LEGASPI EMILIO	482-0534 +6
	LEVERTON LEWIS L	421-7906 +6
120	MARTINET JOS A	421-6580 0
	MATTIS CECI	421-7113 5
	MCNAMARA K M	421-7025 4
	MOODY ROBT G	421-9818
	MORRELL JOHN	421-4936 5
	QUIDANG E F	421-6536 3
	RAMOS MARIO	421-9480 5
	RIOS RAQUEL I	421-1673 +6
	RISTOW DONALD J	421-1500 4
	ROONEY E J	421-9453 +6
	SANFORD JAMES	482-0531 +6
	SOBILO KATHRYN R	421-7480 +6
	VERSCHOOR RUDY J	421-0881 +6
	VILLACIS JORGE	421-6182 3
1580		
1585	APARTMENTS	
	BALL DAN	421-9135
	BALL SHERYL	421-9135 4
	BRAVO ANITA	421-8981
	BRAVO FLORENCIO	421-8981 S
	GALINIS JAMIE	421-0416 +6
	JACKSON ARTHUR	421-7190 +6
	JACKSON CYNTHIA	421-7190 +6
	LATIMER RALPH	421-7675 2
10	PENA ROMEL	421-6878 0
	ROCHELEAU K D	421-6033 +6
	THOMAS PATRICK D	421-1408 +6
15	THOMPSON A L	421-8198 1
	THOMPSON C	421-1485 4
23	WHITE ELLA M	421-6074 0
1585		

MAY NOT BE KEYPUNCHED, ENTERED INTO A COMPUT

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MENDOCINO DR 1986



MENDOCINO DR 92011 CONT

1593	XXXX	DO	
1595	APARTMENTS		
40	ALVAREZ DIONICIO	421-7387	8
	BREITFELDER A	421-9695	
	BROWN RICHARD A	421-1929	5
	BURKETT CHARLEY	421-2925	+6
	DONOVAN THOS	421-9325	+6
	DOWNIE JOSEPH L	482-0695	+6
	GRACE R	421-6649	4
43	HARDING A D	421-9035	9
	HAYNES PAUKWEI	421-6697	+6
	MAINS R A	421-4683	8
	MILES G	421-1596	5
	MORIN DONALD	421-6750	+6
	REYES VICTOR M	421-8916	1
29	SCARAFIOTTI FREO J	421-6294	8
	THOMAS JAMES H	482-0537	+6

1595

* 1 BUS 102 RES 40 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

OLEANDER AVE 1986

1286	ARANGURE LUIS E	421-9632	8
1301	BOYS GIRLS CLUB	421-8191	S
1302	XXXX	00	
1332	HUTZLEY BRUCE	482-0659	+6
1368	XXXX	00	
1374	XXXX	00	
1378	WEINBERG MARCUS E	421-4574	7
1383	NAVARRO JORGE O	421-0934	1
1402	FITHIAN DAVID W	421-8625	9
1404	HUNTER ROBT E JR	421-4727	7
1406	AVERIN GUNNAR	421-6744	+6
	AVERIN LENA	421-6744	+6
1408	DIMASE F J	421-1605	7
1409	FIREBAUGH DONALD F	421-6076	1
1411	XXXX	00	
1413	CULP MARK	482-0560	+6
1415	BICE BOYD F	421-6073	7
1417	MONROE B F	421-5943	7
1418	XXXX	00	
1419	MCBRIDE GREGORY	421-4720	9
	MCBRIDE JAS J	421-2942	7
1420	XXXX	00	
1421	XXXX	00	
1422	GUERRA ARNOLD A	421-7520	
	GUERRA EVA E	421-7520	7
1423	XXXX	00	
1424	HAMILTON KENNETH J	421-8547	6
1425	BYERS RANDALL H	421-7070	3
1426	XXXX	00	
1427	XXXX	00	
1428	XXXX	00	
1429	BRYAN RICHARD	421-3334	5
1430	MCCOURT ROBT M	421-5816	6
1431	STANARD O L	421-1277	+6
1432	WILLIS ROBT A	421-1763	0
1433	XXXX	00	
1437	XXXX	00	
1443	SENIOR JAY A	421-7343	7
1447	XXXX	00	
1453	TIORICK PATRICK	421-6156	+6
1457	MILLER LYNN L	421-0766	7
1500	CRUZ RAYMOND	421-7465	7
1501	MCCORMICK J	421-8327	+6
1502	LAMP JOHN L	421-1643	7
1503	XXXX	00	
1504	ACKMAN LESTER H	421-1011	7
1505	LISCUM CHARLES B	421-8951	
	LISCUM THELMA	421-8951	9
1506	HUTCHISON LINDA	421-2058	
	HUTCHISON WM	421-2058	S
1507	BAKER N A	421-1874	4
1508	PALENCIA MAX P	421-7038	7
1511	CARLSON V R	421-0913	9
1512	XXXX	00	
1514	XXXX	00	
1515	VALLE LINDO ELEM SC	421-5151	
1516	XXXX	00	
1518	XXXX	00	
1522	BELL JAS	421-9886	
1523	BOYENGER M M	421-6897	4
1525	CURRY GEO R	421-1069	7
1526	XXXX	00	
1527	ANGUIANO FELIPE	421-8287	
1528	FLORES ARLENE	421-4764	+6
1529	XXXX	00	
1530	XXXX	00	
1531	ROBERTS S	482-0599	+6
1532	XXXX	00	
1533	XXXX	00	
1534	DRIVER EDIE	421-1654	7
	DRIVER KELLY P JR	421-1654	
1535	TOLEDO ROSALINO	421-1406	2
1536	XXXX	00	
1537	XXXX	00	
1538	GOYA FREDERICK	421-5806	0
	GOYA PENELOPE	421-5806	
1541	DANIEL SUSAN	421-6329	2

S & CO., INC

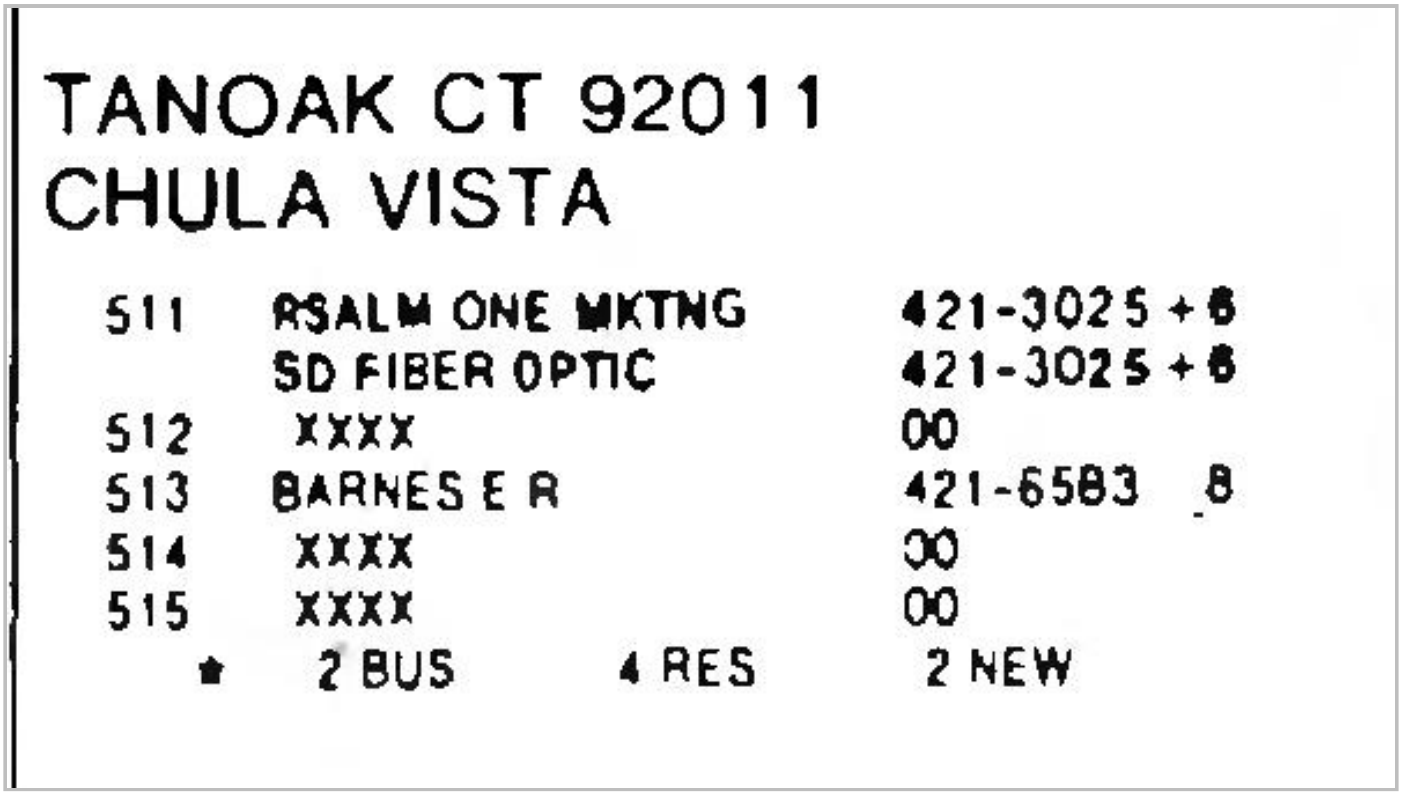
Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

OLEANDER AVE 1986

OLEANDER AV		92011 CONT	
1543	XXXX	OG	
1544	XXXX	OO	
1548	BROWN DONNA R	421-5572	+6
	BROWN RUSSELL G	421-5572	+B
1549	XXXX	OO	
1550	GUYTON HUGH JR	421-2644	7
1551	LAJAMBE D J	421-5376	1
1552	WILSON WOODROW	421-5932	7
1553	RAYBURN GARY F	421-5288	7
1554	CARLSON INSRNCE AGY	421-7718	4
1555	XXXX	OG	
1556	XXXX	OO	
1557	PEASLEY JOHN V	482-0150	+B
1558	XXXX	OG	
1559	INTL MARINE ENGRG	421-9294	5
1560	CZAPOR KARL W	421-9660	7
1561	XXXX	OG	
1562	ANDERSON IRVING C	421-0607	8
1563	WAGNER JACK	421-8535	
1564	PETERSON CRAIG R	482-0825	+6
1565	XXXX	OG	
1566	XXXX	OG	
1588	XXXX	OG	
1569	XXXX	OO	
1571	DENNIS WALTER E JR	421-9421	4
1576	MUNFORD WM R	421-7506	7
1577	GAFFNEY JOS S	421-5381	5
1580	CRALL DON H	421-0784	7
1581	XXXX	OG	
1587	LEVINE IRA K	421-4945	5
1591	XXXX	OG	
1595	MALDANADO MARIA	482-0960	+6
1608	KANE R J	421-4587	9
1612	RODRIGUEZ GILBERTO	421-9397	4
1620	XXXX	OG	
1621	BOWEN ARTHUR	421-1424	2
1624	XXXX	OO	
1627	FIODCO MARK	421-0420	5
1628	OKOSKO MARK M	421-1579	1
1632	JOHNSON CURTIS M JR	421-4607	
	JOHNSON LINDA E	421-4607	
1633	LOZANO PAUL	421-9699	1
1636	JONES CHAS T	421-2431	7
1640	XXXX	OG	
1648	HANSON B J	421-7333	3
1649	HUNT E M	421-5800	7
1651	XXXX	OG	
1652	WOOD ALAN A	421-8481	
	WOOD J	421-0176	1
	WOOD K A	421-0176	
1656	XXXX	OG	
1657	XXXX	OO	
1660	DRIVER DOUG	421-1508	5
1661	TOTH KAROLY JR	421-8504	3
1664	GILBERT ALFRED	421-6098	4
1665	REINBOLD HARLEY G	421-8551	
1688	XXXX	OG	
1669	VASQUEZ DAVID	421-7311	+6
1672	XXXX	OG	
1673	XXXX	OG	
1676	REED THOS A	421-6825	2
1677	LOCAN G M	421-2688	7
	LOCAN MARIANNE	421-0526	2
1681	WOODHOUSE DONALD L	421-5251	7
1685	XXXX	OG	
1689	MAJURE CHAS R	421-8564	8
1693	GARRIDO CATALINA	421-0454	+B
*	6 BUS 197 RES	19 NEW	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TANOAK CT 1986



TANOAK CT 92011
CHULA VISTA

511	RSALM ONE MKTNG	421-3025 +6
	SD FIBER OPTIC	421-3025 +6
512	XXXX	00
513	BARNES E R	421-6583 8
514	XXXX	00
515	XXXX	00

★ 2 BUS 4 RES 2 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TIMBER ST 1986

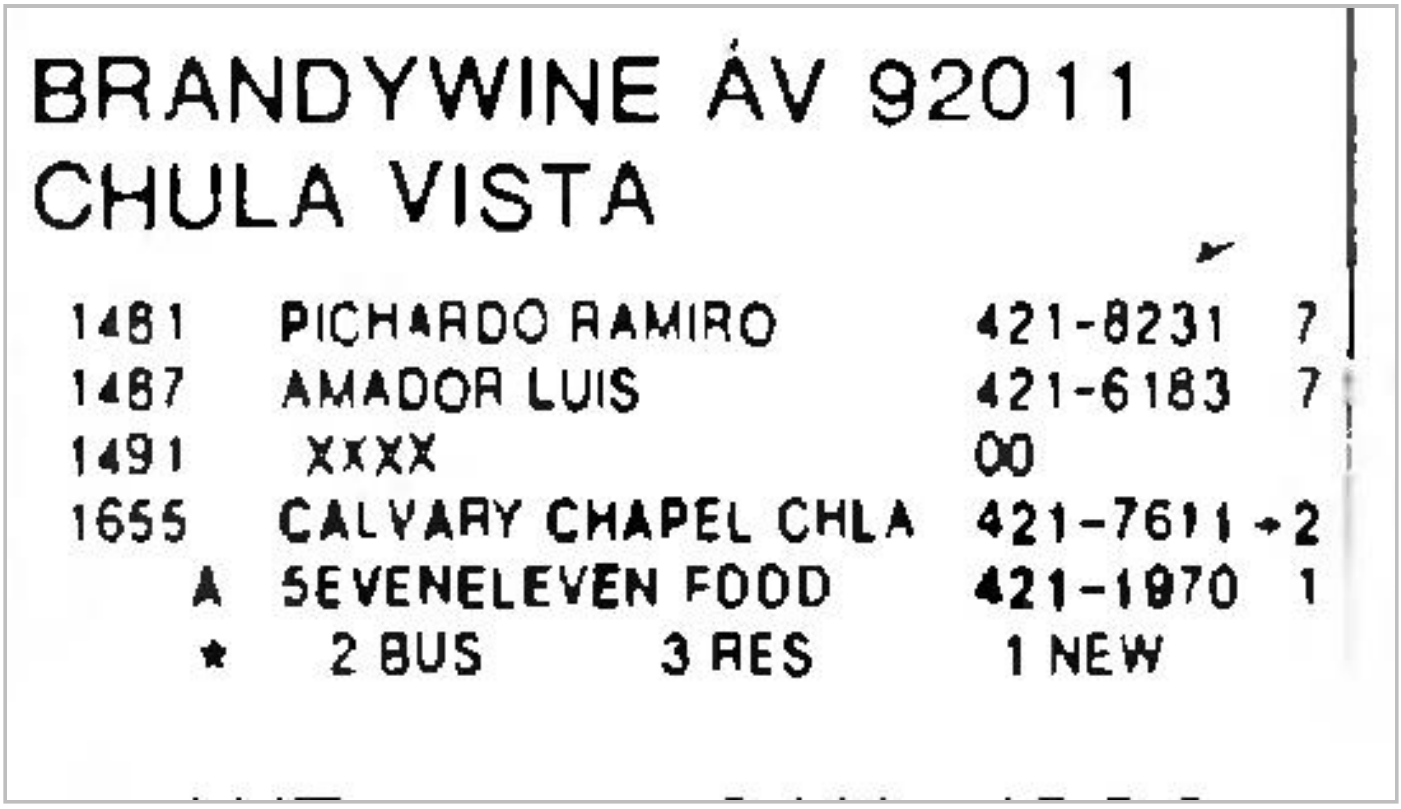
TIMBER 92011
CHULA VISTA

503	XXXX	00	
507	BELT JOHN T	421-6286	5
508	THORNTON IRENE T	421-2693	
	THORNTON RALPH W JR	421-2693	
509	GAPASIN F A JR	421-9821	0
510	XXXX	00	
511	WINGO ROBT P	421-8428	0
512	XXXX	00	
513	XXXX	00	
514	HARRIS HAROLD T JR	421-5972	8
	PETTY S G	421-5972	3
515	DELACRUZ NATAVIDAD	421-7291	5
	TORGA LEON	421-7485	9
516	XXXX	00	
517	XXXX	00	

* 0 BUS 15 RES 0 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

BRANDYWINE AVE 1982



BRANDYWINE AV 92011
CHULA VISTA

1481	PICHARDO RAMIRO	421-8231	7
1487	AMADOR LUIS	421-6183	7
1491	XXXX	00	
1655	CALVARY CHAPEL CHLA	421-7611	2
A	SEVENELEVEN FOOD	421-1970	1
★	2 BUS 3 RES	1 NEW	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1982

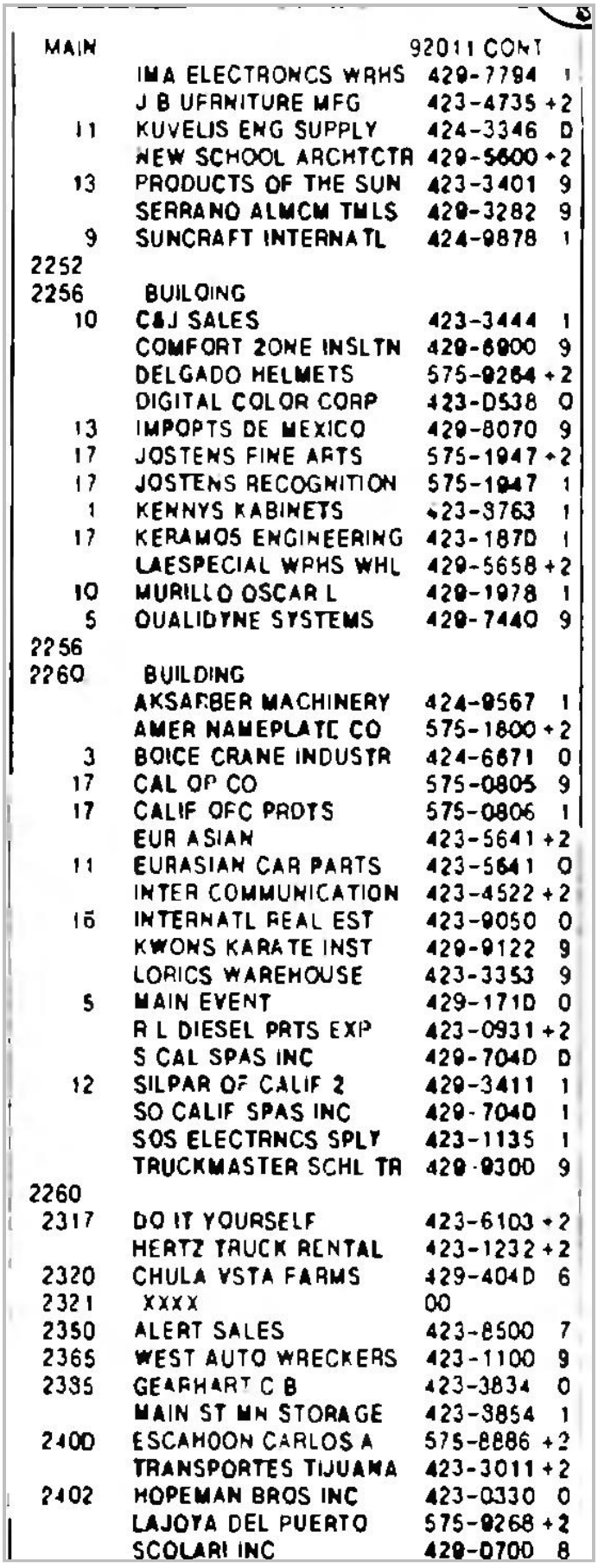
MAIN 92011 CHULA VISTA

2001	KRALL FREDERICK R	429-5906	4
	SWISS PARK&CLUB	423-1036	1
2240	BUILDING		
	A D L ELECTRONICS	423-5254	+2
1	A H M TOOL ENGINRNG	429-9055	1
	ADVANCE SALES	429-0120	9
	AMER CLEARING SERV	423-6007	+2
18	ASHWILLE BURKE & CO	429-6146	0
	CAL COUPON RDMPTN	423-3464	0
19	CHAMBER CLOCK	429-9840	0
30	CHULA VSTA PLATING	429-8033	9
	DAR FRYER	575-1303	0
	DOSAMIGOS MXCN PRD	423-C141	9
	DREAM LINE CBNTS	429-1440	9
	CARBER BOILER SRVC	429-6162	+2
	ITUARTE INDUSTRIES	429-7722	+2
	JESSES AUTOPORT	426-1380	1
	PRIMA SUPPLY	429-5202	+2
	RETAIL MRKTHG SRV	423-3464	0
	SD ORNAMENTAL IRON	429-4766	+2
6	VEVERKA R K METAL	423-5461	0
	WRIGHTS SUNSHINE CT	575-7942	+2
2240			
2244	BUILDING		
	AKER LEATHER PRDCTS	423-5182	+2
	APRISA	575-8805	+2
	C&J SALES&ENTERPRS	575-9384	+2
	CAS CO	423-8776	1
	CA MACHE	423-1328	+2
	CRIMAR WOODCRAFT	429-0092	1
	ESCARENO ENRIQUE	575-8805	+2
	HARD BODIES	429-6990	+2
	MAGIC MACHE	429-6796	+2
9	NATL AUTO ELECTRC	429-1166	1
	NORTHERN CHMCL INDS	423-1840	8
	NUCOR IMPORTS	423-E696	1
2	OLD WEST LEATHER	429-8D50	8
	SEASHELL&WOOD CRAFT	429-5685	1
	T&T TRNSP REF EL&SR	429-7885	1
	VIKING LEATHER SPC	423-E991	+2
2	VIKING LTHR SPCLTS	423-E991	8
2244			
2245	CA PICTURE FRAMES	423-2D7D	+2
2248	A N A DISCNT PHOTO	423-3655	+2
	ALADRAYS ANA	423-3655	0
	BONA CORP	575-C787	+2
	CHAPARRAL	423-E521	+2
	COBICAL INC	423-E273	7
	GLOBEX	423-5612	1
	MEDEFAC CORP	423-5342	+2
	MUNDOMEX INTERNTL	429-E000	1
	NATURE DESIGN CO	423-5520	8
2250	XXXX	00	
2252	BUILDING		
8	A BETA INDUSTRIES	429-C600	9
11	ACACIA LNDSCPHG	575-1D72	0
	CA ACDMY RHYTE SEC	429-E001	+2
5	CEMENTOS G	423-5880	1
	CUSTOM PRINTING	429-E200	0
	DENARDI CORP	429-C33D	9
	HOSPITAL EQUIP DIST	429-6546	0

NAINES & CO., INC. INFORMATION ON THIS PAGE MA

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1982



MAIN		92011 CONT
	IMA ELECTRONCS WRHS	429-7784 1
	J B URNITURE MFG	423-4735 +2
11	KUVELIS ENG SUPPLY	424-3346 D
	NEW SCHOOL ARCHTCTR	429-5600 +2
13	PRODUCTS OF THE SUN	423-3401 9
	SERRANO ALMCM TMLS	429-3282 9
9	SUNCRAFT INTERNATL	424-9878 1
2252		
2256	BUILDING	
10	C&J SALES	423-3444 1
	COMFORT ZONE INSLTN	429-6900 9
	DELGADO HELMETS	575-9264 +2
	DIGITAL COLOR CORP	423-D538 0
13	IMPORTS DE MEXICO	429-8070 9
17	JOSTENS FINE ARTS	575-1947 +2
17	JOSTENS RECOGNITION	575-1947 1
1	KENNYS KABINETS	423-3763 1
17	KERAMOS ENGINEERING	423-187D 1
	LAESPECIAL WRHS WHL	429-5658 +2
10	MURILLO OSCAR L	429-1978 1
5	QUALIDYNE SYSTEMS	429-7440 9
2256		
2260	BUILDING	
	AKSARBER MACHINERY	424-9567 1
	AMER NAMEPLATE CO	575-1800 +2
3	BOICE CRANE INDUSTR	424-6671 0
17	CAL OP CO	575-0805 9
17	CALIF OFC PRDTS	575-0806 1
	EUR ASIAN	423-5641 +2
11	EURASIAN CAR PARTS	423-5641 0
	INTER COMMUNICATION	423-4522 +2
16	INTERNATL REAL EST	423-9050 0
	KWONS KARATE INST	429-9122 9
	LORICS WAREHOUSE	423-3353 9
5	MAIN EVENT	429-171D 0
	R L DIESEL PRTS EXP	423-0931 +2
	S CAL SPAS INC	429-704D D
12	SILPAR OF CALIF 2	429-3411 1
	SO CALIF SPAS INC	429-704D 1
	SOS ELECTRNCS SPLY	423-1135 1
	TRUCKMASTER SCHL TR	429-9300 9
2260		
2317	DO IT YOURSELF	423-6103 +2
	HERTZ TRUCK RENTAL	423-1232 +2
2320	CHULA VSTA FARMS	429-404D 6
2321	XXXX	00
2350	ALERT SALES	423-8500 7
2365	WEST AUTO WRECKERS	423-1100 9
2385	GEARHART C B	423-3834 0
	MAIN ST MN STORAGE	423-3854 1
2400	ESCAHOON CARLOS A	575-8886 +2
	TRANSPORTES TIJUANA	423-3011 +2
2402	HOPEMAN BROS INC	423-0330 0
	LAJOYA DEL PUERTO	575-9268 +2
	SCOLARI INC	429-0700 8

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

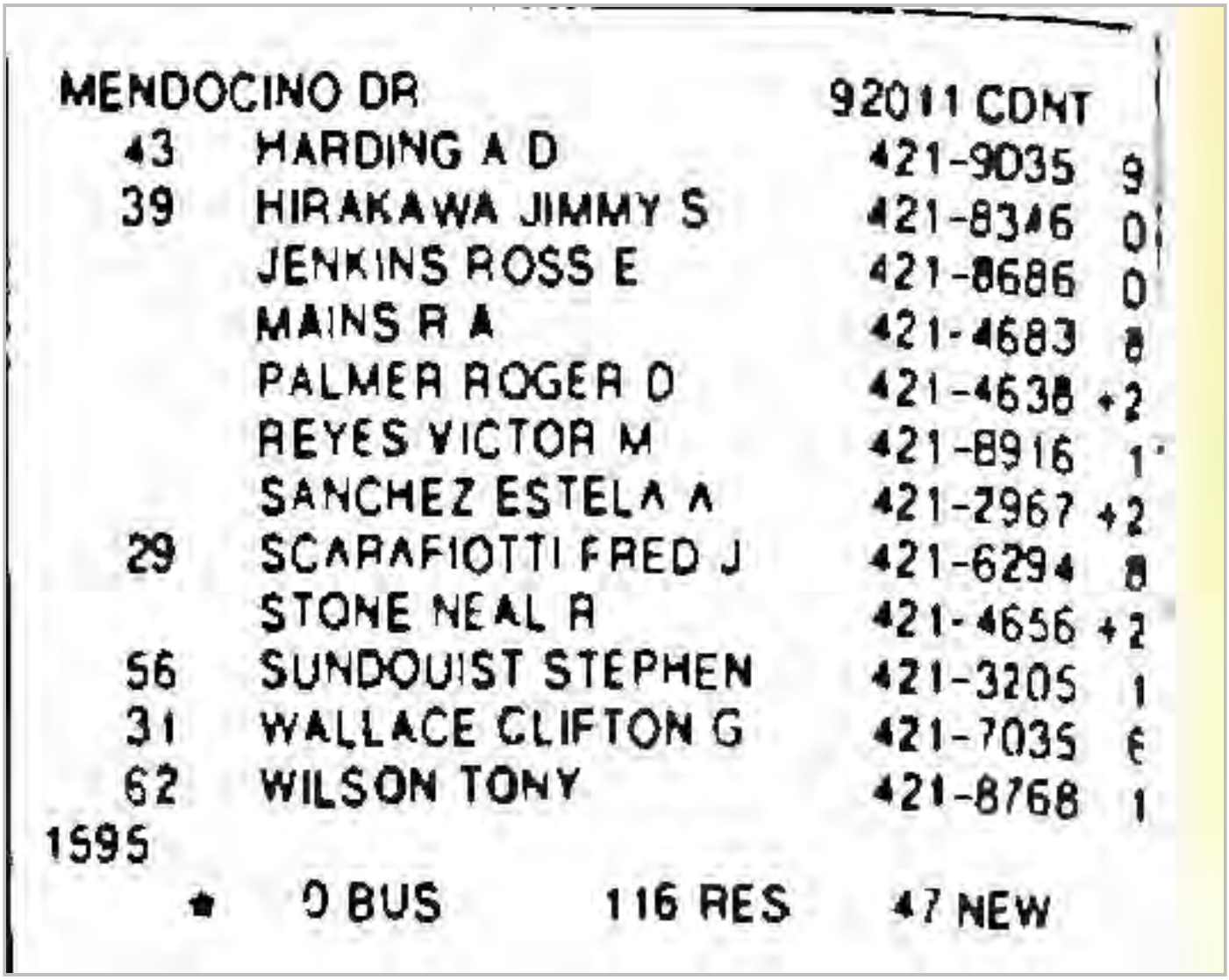
MENDOCINO DR 1982

MENDOCINO DR 92011
CHULA VISTA

1555	APARTMENTS		
152	BAYES H S JR LTJG	421-5907	1
	BURNS LILLIN	421-9815	+2
	COSTA ROGER E	421-9369	0
	DALESIO MICHAEL K	421-6148	+2
138	DONATE CENOBIO B	421-7019	0
	FIFE F L	421-1709	+2
	FIGUEROA HECTOR	421-0159	+2
155	KUKLINSKI JOHN	421-8590	9
	KUKRAL STEVEN C	421-8274	0
	MCCORKLE CINDY L	421-3836	+2
154	MUEHLEI PETER M DR	421-7985	1
	ROLLIE DENNIS H	421-6496	+2
142	RUTHERFORD BRUCE D	421-8509	1
	TUTTLE L	421-1534	+2
1555			
1565	APARTMENTS		
161	BAKER N A	421-1874	0
	ENCISO CARLOS	421-8031	+2
160	EZETA CARMEN B	421-6961	1
167	FARRELL ADDIE J	421-8166	4
171	FERRERO GERMINAL	421-6810	1
175	GOODWIN LEROY	421-0302	1
174	HADDAD CHAHINE A	421-8470	1
	HESLEY ROBERT D JR	421-9223	+2
	LATSCH DAVID W	421-6717	+2
	MILLER JACK P	421-8879	+2
	OBSORNE MARY T	421-1087	+2
	QUINTERO MARIA E	421-3640	+2
	SANCHEZ JERRY L	421-8039	1
	SCHWARTZ BEN L	421-5599	+2
	SCHWARTZ E M	421-9244	+2
183	WAY GUY A	421-0783	1
1565			
1575	APARTMENTS		
	BARRON RAUL JR	421-5722	+2
	COGBURN THOS	421-0127	1
8	GARCIA RICHARD M	421-1573	1
188	GRAESER KENNETH	421-0513	1
	KERN ROBT L	421-1081	+2
196	LEE THOS I	421-6357	0
	MARROQUIN D N	421-7614	+2
	MARROQUIN M	421-7615	+2
199	MCCORMICK J	421-8327	9
3	MOORE CHAS R	421-8324	0
197	PAPPAGIANIS J	421-7024	0
197	PAPPAGIANIS JOHN	421-7024	0
	PHIPPS G W	421-9324	+2
	REXFORD RICK D	421-6394	+2
4	ROMANEK EDWARD J JR	421-0268	1
1575			
1580	APARTMENTS		
88	ABBOTT WADE B	421-4691	0
	ALPIZAR SAML	421-1568	1
	ARKILLS VINCENT W	421-1214	+2
	BARBATO THOMAS B	421-9308	+2
122	BECK STEVE	421-9814	1
100	BRUNELLE R A	421-8271	9
110	BUZAN M V	421-7579	0
112	COOPER LARRY R	421-1785	0
	DESTURA MANUEL	421-4E90	+2
	DOUGLAS DEBORAH	421-1829	+2
	FARRELL LESTER A	421-6207	+2
70	GABBARD BENJAMIN D	421-1794	1
86	GARCIA RAMON	421-9759	0
126	GRUBBS ROBT L	421-6425	1
101	HENSON W	421-8322	8
	HOLLOWAY J	421-5757	+2
76	JOHNSON LEE E	421-7852	8
	JONES LARRY	421-9842	1
68	LAWSON JOHN E	421-4766	9
	LESSNER M B	421-9453	8
104	LITTLEFIELD DEBRA	421-6517	0
	MACIEJEWSKI MARTIN	421-674S	+2
120	MARTINET JOS A	421-6S80	0
	MAT TIS C M	421-S173	+2
	MILLER THEODORE A	421-5322	1
84	MOODY ROBT G	421-9818	3
	MOORE STEVE	421-8310	+2
78	MORALES WM J	421-1273	C
71	NICOLAY PAUL R	421-9474	1
82	PEMBERTON K M	421-7025	1
	PERKINS RONNETTE M	421-7870	+2
	PETTY JAMES E	421-1587	+2
	POUEU SAMUELU	421-6279	9
111	REDDY ROBT A	421-0247	0
	REEP MEDORA	421-6823	+2
	SCOTT CHARLES	421-7391	+2
131	TAYLOR ARTHUR L HMC	421-1294	1
1580			
1585	APARTMENTS		
	LATIMER RALPH	421-767S	+2
	LUDLUM L W	421-1398	1
	MANZI ALFRED	421-7418	1
10	PENA ROMEL	421-6878	0
	SAVAGE GLEN S	421-1303	+2
	SMITH DONNY M	421-6262	+2
	SNYDER DENNIS	421-1218	1
	SOLOMON NICKE	421-6396	+2
1S	THOMPSON A L	421-8198	1
23	WHITE ELLA M	421-6074	0
	WIRTA J M	421-8849	+2
	WOODY FRANK	421-3S46	1
1585			
1593	XXXX	00	
1595	APARTMENTS		
	ADAMS PAU	421-6697	+2
40	ALVAREZ DIONICIO	421-7387	8
50	ARNOLD RICHARD S	421-0785	1
57	BREITFELDER A	421-9695	4
	CLIFTON DOYLE W	421-2917	+2
	COY STEPHEN	421-5787	+2
	CROWE MICHAEL S	421-9394	+2
33	DAVIDSON JAMES	421-1569	1
	EVANS CHAS W	421-6277	+2

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MENDOCINO DR 1982



MENDOCINO DR 92011 CONT

43	HARDING A D	421-9035	9
39	HIRAKAWA JIMMY S	421-8346	0
	JENKINS ROSS E	421-8686	0
	MAINS R A	421-4683	8
	PALMER ROGER D	421-4638	+2
	REYES VICTOR M	421-8916	1
	SANCHEZ ESTELA A	421-2967	+2
29	SCARAFIOTTI FRED J	421-6294	8
	STONE NEAL R	421-4656	+2
56	SUNDQUIST STEPHEN	421-3205	1
31	WALLACE CLIFTON G	421-7035	6
62	WILSON TONY	421-8768	1

1595

* 0 BUS 116 RES 47 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

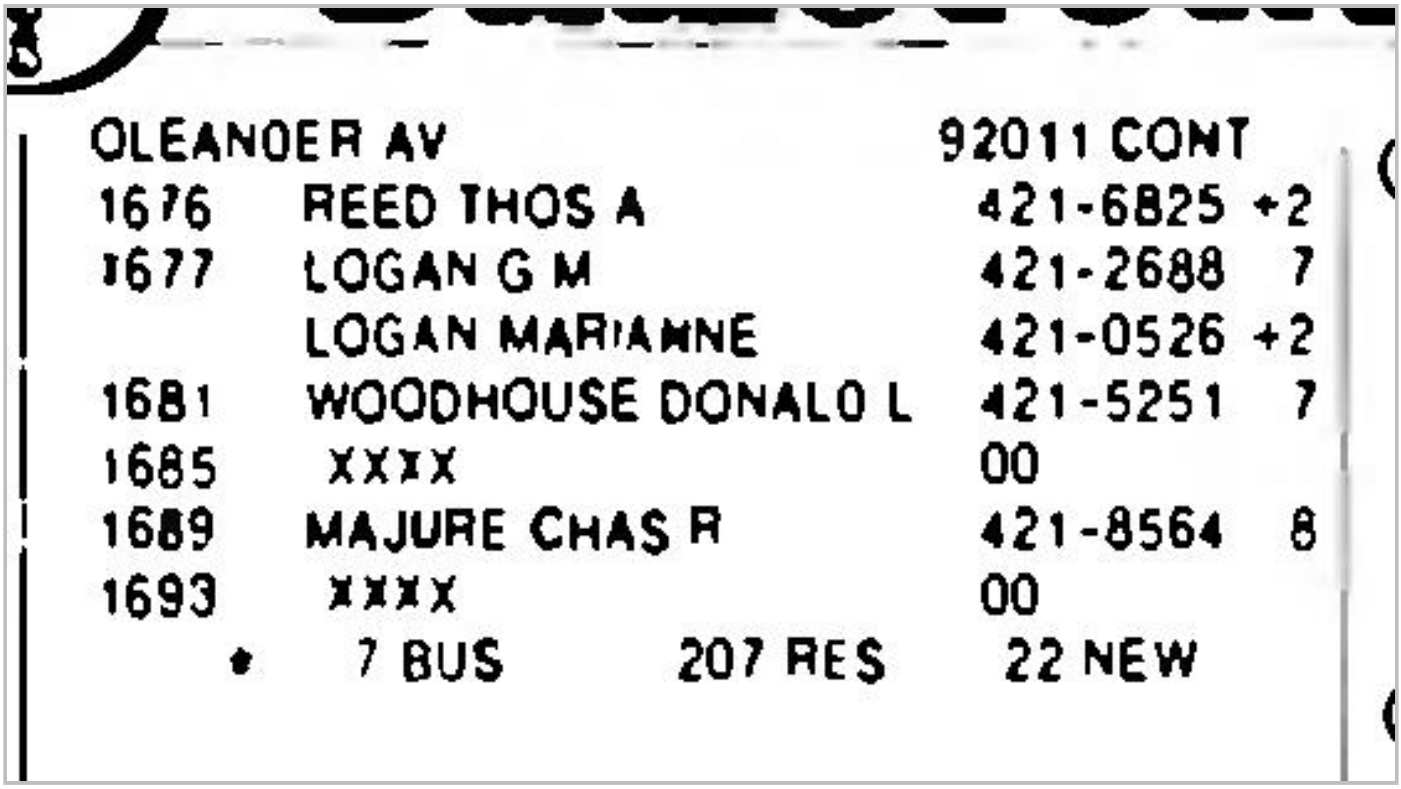
OLEANDER AVE 1982

1286	ARANGURE LUIS E	421-9632	8
1302	MORALES VIVIANO R	421-3830	0
1368	LACY MAURA S	421-8756	+2
1374	XXXX	00	
1378	WEINBERG MARCUS E	421-4574	7
1383	NAVARRO JORGE O	421-0934	1
1388	LOVSTROM INGRID R	421-8528	0
1389	XXXX	00	
1392	XXXX	00	
1398	REGISTER JOHN	421-8843	9
1400	AMAN WM H	421-7083	1
1402	FITHIAN DAVID W	421-8625	9
1404	HUNTER ROBT E JR	421-4727	7
1406	COSTIGAN KENNETH M	421-7751	1
1408	DIMASE F J	421-1605	7
	DIMASE MIKE E	421-0950	0
1409	FIREBAUGH DONALD F	421-6076	1
1411	XXXX	00	
1413	VILLAGOMEZ EUSEBIA	421-8268	+2
1415	BICE BOYD F	421-6073	7
1417	MONROE B F	421-5943	7
1418	KNOX JAS A	421-7486	+2
1419	MCBRIDE GREGORY	421-4720	9
	MCBRIDE JAS J	421-2942	7
1420	XXXX	00	
1421	XXXX	00	
1422	GUERRA ARNOLD A	421-7520	7
	GUERRA EVA E	421-7520	7
1423	XXXX	00	
1424	HAMILTON KENNETH J	421-8547	8
1425	COOK NEELY	421-1788	0
1426	XXXX	00	
1427	XXXX	00	
1428	XXXX	00	
1429	XXXX	00	
1430	MCCOURT ROBT M	421-5816	8
1431	GARAUX DONALD L	421-3877	7
1432	WILLIS ROBT A	421-1763	0
1433	XXXX	00	
1437	XXXX	00	
1443	SENIOR JAY A	421-7343	7
1447	XXXX	00	
1453	MCMAHON BRUCE D	421-5464	9
1457	MILLER LYNN L	421-0766	7
1463	XXXX	00	
1467	XXXX	00	
1468	WALKER EDWIN D	425-6586	+2
1485	XXXX	00	
1489	XXXX	00	
1493	COATES NICHOLAS G	421-9034	0
1500	CRUZ RAYMOND	421-7465	7
1501	XXXX	00	
1502	LAMP JOHN L	421-1643	7
1503	XXXX	00	
1504	ACKMAN LESTER H	421-1011	7
1505	LISCUM CHARLES 9	421-8951	9
	LISCUM KATY	421-1439	0
1506	YEUNG KAI Y	421-5981	1
1507	BICANIC PAUL A	421-5868	1
1508	PALENCIA MAX P	421-7038	7
1511	CARLSON Y R	421-0913	9
1512	XXXX	00	
1514	XXXX	00	
1515	VALLE LINDO ELEM SC	421-5151	
1516	XXXX	00	
1518	XXXX	00	
1522	BELL JAS	421-9886	5
1523	XXXX	00	
1525	CURRY GEO R	421-1069	7
1526	NEW LIFE TYPESETTNG	421-0663	+2
1527	ANGUIANO FELIPE	421-8287	4
1528	FLORES R F	421-6002	1
1529	XXXX	00	
1530	XXXX	00	
1531	ROBERTS LEON M	421-5871	7
1532	NORTN TV SERVICE	421-3700	7
1533	XXXX	00	
1534	DRIVER KELLY P JR	421-1654	7
1535	TOLEDO ROSALINO	421-1406	+2
1536	XXXX	00	
1537	XXXX	00	
1538	GOYA FREDERICK	421-5806	0
1541	DANIEL SUSAN	421-6329	+2
1543	XXXX	00	
1544	DOSS THOMAS	421-7229	9
1548	YATES DOUG	421-0217	+2
1549	XXXX	00	
1550	GUYTON HUGH JR	421-2644	7
	GUYTON SANDRA J	421-7224	+2
1551	LAJAMBE O J	421-5376	1
1552	WILSON WOODROW	421-5932	7
1553	RAYBURN GARY F	421-5288	7
	RAYBURN K	421-7299	9
1554	CARLSON RICHARD A	421-1639	7
1555	RODRIGUEZ A B LT	421-1049	7
1556	HOFFMAN DAVID	421-6026	1
1557	DENNYS POOL SRV	421-7849	1
	HAFER DENNIS A	421-0329	1
1558	XXXX	00	
1559	XXXX	00	
1560	CZAPOR KARL W	421-9660	7
1561	XXXX	00	
1562	ANDERSON IRVING C	421-0607	8
1563	WAGNER JACK	421-8535	4
1564	XXXX	00	
1565	FINN C W	421-9385	8
1566	XXXX	00	
1568	XXXX	00	
1569	ANDERES ROBT J	421-9631	5
1571	FOSTER JOHN J	421-5958	7
1576	MUNFORD WM R	421-7506	7
1577	XXXX	00	
1580	CRALL DON H	421-0784	7
1581	TINGZON LUIS L	421-5986	7
	TINGZON MILAGROS	421-5986	7
1587	NICHOLS R EUGENE	421-7309	6
1591	BALANAY P QUKE	421-0676	7
1595	BROOKS M E MCPO	421-5875	+2
1608	KANE R J	421-4587	9
1612	XXXX	00	
1620	LUSSIER RONALD	421-8339	1
1621	BOWEN ARTHUR	421-1424	+2
1624	XXXX	00	
1627	BURNS WM H	421-8180	4
1628	OKOSKO MARK M	421-1579	1
1632	JOHNSON CURTIS M JR	421-4607	
1633	LOZANO PAUL	421-9699	1
1636	JONES CHAS T	421-2431	7
1640	KUSTKA WILLIAM	421-0125	1
1648	XXXX	00	
1649	HUNT E M	421-5800	7
1651	XXXX	00	
1652	WOOD ALAN A	421-8481	3
	WOOD K A	421-0176	1
1656	MCCALL JAS R	421-0879	7
	MCCALL T D	421-6415	0
1657	XXXX	00	
1660	KRONK J	421-8533	1
1661	XXXX	00	
1664	XXXX	00	
1665	REINBOLO HARLEY G	421-8551	6
1668	XXXX	00	
1669	MORRIS BESSIE ANN	421-0640	7
	MORRIS BILLIE L	421-0640	7
1672	BEVERIDGE LORETTA	421-9980	8
1673	RUDER H P	421-3766	0

AY NOT BE KEYPUNCHED, ENTERED INTO A COMPUT

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

OLEANDER AVE 1982



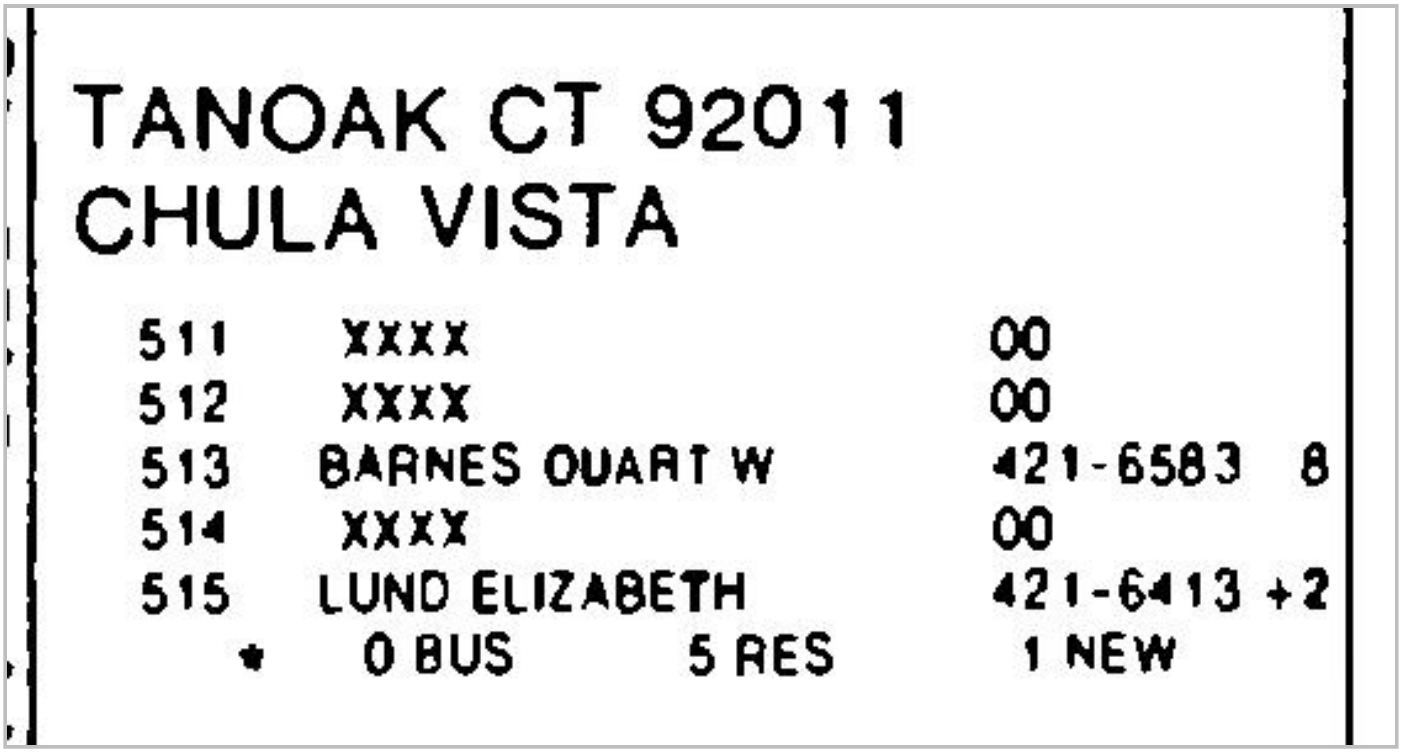
OLEANDER AV 92011 CONT

1676	REED THOS A	421-6825 +2
1677	LOGAN G M	421-2688 7
	LOGAN MARIANNE	421-0526 +2
1681	WOODHOUSE DONALD L	421-5251 7
1685	XXXX	00
1689	MAJURE CHAS R	421-8564 8
1693	XXXX	00

• 7 BUS 207 RES 22 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TANOAK CT 1982



TANOAK CT 92011
CHULA VISTA

511	XXXX	00	
512	XXXX	00	
513	BARNES OUART W	421-6583	8
514	XXXX	00	
515	LUND ELIZABETH	421-6413	+2

* 0 BUS 5 RES 1 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TIMBER ST 1982



TIMBER 92011
CHULA VISTA

503	XXXX	00
507	XXXX	00
508	THORNTON IRENE T	421-2093
	THORNTON RALPH W JR	421-2693
509	GAPASIN F A JR	421-9821
510	XXXX	00
511	WINGO ROBT P	421-8428
512	XXXX	00
513	XXXX	00
514	HARRIS HAROLD T JR	421-5972
515	TORGA LEON	421-7485
516	XXXX	00
517	RICHARDSON S E	421-6439
*	0 BUS 13 RES	1 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1979



MAIN 92011 CHULA VISTA

2001	KRALL FREDERICK R	429-5906 4
★	SWISS PARK CLUB	576-9954 7
2240	BUILDING	
★	ADVANCE SALES	429-0120+9
★	APEX ENTERPRISE	429-1400+9
★	ARREGUIN BROS AUTO	423-8172+9
★	BEER SPECIALTIES	575-1151 8
★	BGURNS INC	423-0401 7
★	CALIF PICTURE FRAME	423-2070 8
★	CHULA VSTA PLATING	429-8833+9
★	COSTAL DIVING SV	423-7678+9
★	DOSAMIGOS MXCN PRD	423-0141+9
★	DRAPERY KINC	424-5321+9
★	DREAM LINE CBNTS	429-1440+9
★	HYDROS DESIGN&TECH	424-8272+9
★	KUVELLS ENGINR SPLY	424-3346+9
★	LEMIX CO	424-7611+9
★	MULTI LABELS	429-5100+9
	PAGE MALZAHN	575-1151 8
★	REAL TIME MICROSYSM	423-3781+9
★	RESEARCH&SRVCS CORP	423-3464+9
	URO PAZ	429-58D0+9
★	VAFETRON	423-5250 8
★	VALTRON	423-5250 8
2240		
2244	BUILDING	
★	CHURCH GOSPEL	429-3500+9
★	CITIZENS RADIO SPLY	423-2202 7
★	DO CERAMIC STDO	423-4421+9
★	GUTIERREZ DISTBTNG	423-7720+9
★	IB PLASTERING	576-0893+9
★	JONES RED RADDLE SH	423-5182 7
★	MED EQUIP DISTB	423-9130 8
★	MELODY ENT	424-3241+9
★	NORTHERN CHEMICAL I	423-1640 8
★	OLD WEST LEATHER	429-8050 8
	PENOLIO RALPH	429-5600+9
★	PHAR LEN INDUSTRY	429-8111 7
★	ROSELEES CUSTOM INT	424-9953+9
★	SUN RESISTOR	429-6111 8
★	VIKING LTHR SPCLTS	423-6991 8
2244		
2245★	BIG SKY THEATRE	423-3377
2248★	BGNA CORP	429-3441+9
★	COBICAL INC	423-6273 7
★	DESOMA INTL INC	424-7622 7
★	LOPEZ&JONES INC	429-7092+9
★	MANCHESTER PRLCTN	423-5900+9

ED ENTERED INTO A COMPUTER OR PHOTOCOPIED IN

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1979



MAIN		92011 CONT	
	★ NATURE DESIGN CO	423-9520	8
	★ PACIFIC WOOD	429-7740	+9
	★ SOUTH BAY TYPSTNG	423-1958	+9
2250	XXXX	00	
2252	★ A BETA INDUSTRIES	429-0600	+9
	★ AUTOMATIC TRANSMISN	423-7583	+9
	★ CUSTOM PRINTING INK	429-6200	+9
	★ DENARDI CORP	429-0330	+9
	★ PRODUCTS OF THE SUN	423-5401	+9
	★ RO KHA JFG INC	423-8188	+9
	★ SD CYLINDER HEADS	423-1188	+9
	★ SERRANO A TAMALES	429-3282	+9
	★ SUNDAIL FURN MFG	429-4030	+9
2256	BUILDING		
	★ ARTUROS FRAME CO	429-5880	+9
	★ CHICHARRON INC	423-7850	+9
	★ COMFORT ZONE INSLTN	429-8900	+9
	COOPER MARGARETTE	425-8522	+9
	★ IMPERL CREATIONS	429-7900	+9
	★ IMPORTS DE MEXICO	429-8070	+9
	★ ITUARTE INDUSTRIES	429-7722	+9
	★ L A FRAME CO	429-5850	+9
	★ MONARCH INT	575-0152	+9
	★ OHIO PACIFIC DNNRWR	425-8522	+9
	★ QUALIDYNE SYSTEMS	429-7448	+9
	★ SAIL AWAY BGAT BLDR	423-0400	+9
	★ SUN&SEA MFG CO	429-1040	+9
	★ WNITEWATER MARINE	575-1252	+9
2256			
2260	★ ASHWILL BURKE&CO	423-3810	+9
	★ CAL OP CO	575-0808	+9
	★ COLONIAL TILE	429-3300	+9
	★ KWONS KARATE INST	429-9122	+9
	★ LORETTA BARGAIN STR	429-5322	+9
	★ LORICS WAREHOUSE	423-3353	+9
	★ MAIN EVENT	575-9770	+9
	★ TONYS TV	423-8550	+9
	★ TRUCKMASTER SCHL TR	429-9300	+9
2317	★ PUBLIC STORAGE INC	423-8103	5
2320	★ CHULA VSTA FARMS	429-4040	6
	★ PRODUCE SPECIALIST	429-7920	8
2321	XXXX	00	
2350	★ ALERT SALES	423-8500	7
2365	★ WEST AUTO WRECKERS	423-1100	+9
2385	XXXX	00	
2400	★ KELLY PRODUCE CO	423-8850	+9
2402	★ SCOLARI INC	429-0700	8
2433	VASQUEZ ESTEBAN	429-9462	+9

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MENDOCINO DR 1979



MENDOCINO DR 92011
CHULA VISTA

1555.....APARTMENTS
AMADOR P JR 421-8358+9
136 ANDREWS ROBERTA L 421-8420 4
BEARD HOWARD 421-8095+9
BINKERD S D 421-6752 8
149 BURNS LILLIAN 421-9815 3
COATES NICHOLAS G 421-9034+9
146 COSTA ROGER E 421-9369 6
CROCKETT T L 421-7271+9
145 DONOVAN DONALD J 421-9749 7
HILLIARD CHRIS A 421-9112 8
JONES PATRICK W 421-0576+9
KUKLINSKI JOHN 421-8590+9
OLIVER CHAS A 421-5424+9
SMITH MICHAEL 421-0588+9
TENGO DANILO J 421-0553+9
WOODS P 421-8571 8
1555
1565.....APARTMENTS
DRAB J 421-5608+9
167 FARRELL ADDIE J 421-8166 4
GOLDSTEIN SAUL 421-7777+9
KANE SAM A 421-5880+9
183 LUCE CARL 421-9550 3
LUND P 421-5608+9
MALSTROM ROBERT A 421-5114+9
MARK FERNANDO 421-8968+9
182 MILLER JACK P 421-8879 5
SETTLE DONNA L 421-8470+9
SETTLE JERE L 421-8470+9
SINCLAIR WM H 421-5132+9
SMITH A KENT 421-3755 8
SOBOSLAY L E 421-9755+9
1565
1575.....APARTMENTS
ANGELL ALLAN D 421-0923+9
BREWER WILLIAM 421-7606+9
186 CADY LAURENCE E 421-6997 7
COOLEY DON 421-7958+9
8 COYLE KENNETH D 421-7327 7
DONOHOUE P 421-5131+9
MCCLURE MICHAEL 421-3259+9
MCCORMICK J 421-8327+9
MITCHELL JACKIE 421-0535+9
MURAOKA F 421-6840 8
RAGLAND WM L 421-5496 8
ROMANO J 421-6637 8
SELF STEVEN F 421-4618 8
WYATT JOHN 421-0566+9
1575
1580.....APARTMENTS
AMAN WM H 421-7782 8
81 ANDERSON DAVID C 421-8289 4
64 ANIUK LEONARD A JR 421-7626 7
ARKILLS VINCENT W 421-8084+9
BATES BRUCE 421-7889+9
BRUNELL RITA A 421-8271 8
BRUNELLE RITA A 421-8271+9
63 BYSTROM ARTHUR 421-6562 7
CAMPBELL WILLIAM R 421-0805+9
CANSINO JOSE S 421-5119+9

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MENDOCINO DR 1979

MENDOCINO DR		92011 CONT	
94	CHANCELLOR CURTIS	421-6816	7
	DELPRETE LINDA J	421-7799	+9
	FALOR NANCY M	421-8457	8
	GAFFORD T A	421-3756	8
	GASTELUM ALFONSO	421-7091	8
	GOYA FREDERICK A	421-5806	8
	GRANZOW GEO E	421-2493	8
	GUBBS ROBERT L	421-6428	+9
	HENSON W	421-8322	8
	HENTGES WM&RUTH	421-9826	8
92	HERRERA ROLAND	421-8489	7
	HOPKINS TERRY	421-8133	+9
	JOHNSON LEE E	421-7852	8
	JUDD JIM	421-8988	8
	KNEZEVICH ROBT J	421-0593	+9
	LAWSON JOHN E	421-4766	+9
	LEPAGE JERRY J	421-2957	+9
	LESSNER M B	421-9453	8
127	LUCHAU JOHN M	421-9936	7
98	MCCAIN MARIAN	421-7718	7
66	MCCALLUM DAVID L	421-6189	7
	MCCAY ALLEN R	421-6307	+9
80	MCFADDEN THOS J	421-7098	7
	MONDEJAR MERLIN V	421-6862	+9
84	MOODY ROBT G	421-9818	3
	POUEU SAMUEL	421-6279	+9
	RODRIGUEZ FRED	421-0581	+9
	SKIDMORE MICHAEL E	421-5861	+9
	SNODGRASS ROBT L	421-0860	+9
	STINSON B L	421-7312	8
	STUBBS S	421-8131	+9
	TURNER RAYMOND	421-3709	+9
	WILKINSON BARBARA	421-9492	8
	WOOTEN DAVID J	421-7391	+9
111	YBARRA RICHARD L	421-9024	5
1580			
1585.....	APARTMENTS		
	GARDINER MARY M	421-7703	+9
	HAMM ROY W	421-8009	+9
	HANSEN PETER J	421-9781	+9
21	JONES WM L	421-1076	7
	KERR ROBT L	421-7937	7
★	**LANDSCAPE SYSTEMS**	**421-8508**	8
	LEMMON JAS E	421-9107	8
	LUDWIG BOBBY L	421-9622	8
	MACKEY DOUGLAS C	421-9824	+9
	RHODES R L	421-6331	8
	SEAMAN JOHN M	421-8607	+9
	SOLLEE D	421-3215	+9
	VALDEZ GLADYS	421-7802	+9
20	WALKER JACK	421-5924	7
24	WILSON DAVID L	421-8088	5
1585			
1593★	**R S PLUMBING**	**421-2805**	+9
1595.....	APARTMENTS		
	ALVAREZ DIONICIO	421-7387	8
	BEST CHARLES G	421-8203	+9
	BRACKMAN N	421-6321	8
57	BREITFELDER A	421-9695	4
56	DIPASUPIL REDEMPTO	421-6278	7
	ECKERT M L	421-0702	8
	FARNSWORTH J G	421-0548	+9
	FELKINS CHAS E	421-9737	+9
	FERONS DENNIS	421-9813	+9
	GAREL JOSEPH R	421-0548	+9
39	GREGER ALLEN E	421-8090	3
	HARDING A D	421-9035	+9
47	JACKSON ARLENE A	421-8686	6
	LEY MYRA R	421-6690	+9
	MAINS R A	421-4683	8
	MANNING ROBERT C	421-5124	+9
44	PAYNE C B	421-7741	7
33	PERSHING RONALD L	421-7529	7
	SCARAFIOTTI FRED J	421-6294	8
31	WALLACE CLIFTON G	421-7035	6
1595			
★	2 BUS 123 RES 63 NEW		

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

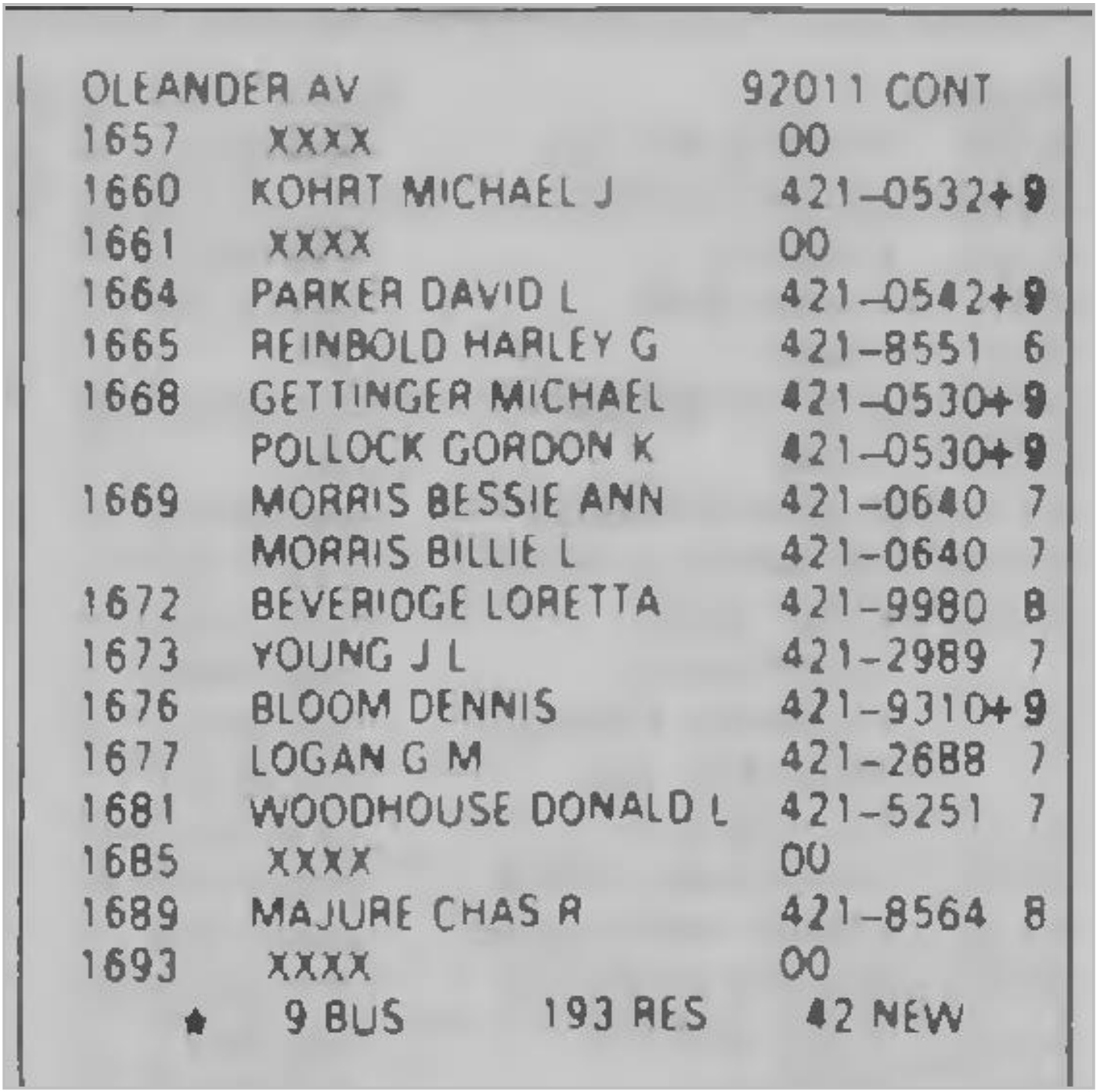
OLEANDER AVE 1979

1368	WILSON JAS E	421-9006+9
1374	MOUDY ROBT E	421-3868 7
1378	WEINBERG MARCUS E	421-4574 7
1383	GUTIERREZ JOSE	421-6643 7
1388	ECK B J	421-6971+9
1389	HICKLING DEREK	421-8433 4
1392	XXXX	00
1398	REGISTER JOHN	421-8843+9
1400	EVANS RONALD A-COR	421-9412 5
1402	FITHIAN DAVID W	421-8625+9
1404	HUNTER GENE	421-8899 5
	HUNTER ROBT E JR	421-4727 7
1406	MACMASTER JOHN R	421-9483 6
1408	DIMASE SAL A	421-1605 7
1409	MEDER ROBT E	421-7681 8
1411	XXXX	00
1413	XXXX	00
1415	BICE BOYD F	421-6073 7
1417	MONROE B F	421-5943 7
1418	BECHTEL RONALD E	421-6723 6
1419	MCBRIDE GREGORY	421-4720+9
	MCBRIDE JAS J	421-2942 7
1420	VENTURA JOHN A	421-8978 5
1421	XXXX	00
1422	GUERRA ARNOLD A	421-7520 7
	GUERRA EVA E-MRS	421-7520 7
1423	XXXX	00
1424	HAMILTON KENNETH J	421-8547 8
1425	WATSON B T	421-6360+9
1426	XXXX	00
1427	ANZALONE PATRICIA	421-9391+9
1428	XXXX	00
1430	MCCOURT ROBT M	421-5816 8
1431	GARAUX DONALD L	421-3877 7
1432	KIES ROBT D	421-0731 8
1433	XXXX	00
1437	CEJA A M	421-7647+9
	VILLEGAS JESUS	421-9777 4
1443	SENIOR JAY A	421-7343 7
1447	KNUDSEN ROBT J	421-9646 5
1453	MCMAHON BRUCE D	421-5464+9
1457	MILLER LYNN L	421-0766 7
1463	XXXX	00
1467	ITAMI MASAMI	421-5977 7
1485	HALLAM DAVID A	421-0987+9
1489	XXXX	00
1493	SULLIVAN JOHN	421-6089 7
1500	CRUZ RAYMOND	421-7465 7
1501	XXXX	00
1502	LAMP JOHN L	421-1643 7
1503	XXXX	00
1504	ACKMAN LESTER H	421-1011 7
1505	LISCUM CHARLES B	421-8951+9
1506	XXXX	00
1507♦	**CLEARFIELD VLVT CLN**	**421-0703+9**
1508	PALENCIA MAX P	421-7038 7
1511	CARLSON V R	421-0913+9
1512	XXXX	00
1514	NELSON D W	421-6510+9
1515♦	**VALLE LINDO ELEM SC**	**421-5161**
1516	XXXX	00
1518	STOUT W R	421-6986 8
1522	BELL JAS	421-9886 5
1523	STONEMAN C A	421-2448 7
1525	CURRY GEO R	421-1069 7
1526♦	**HOME TYPING SERVICE**	**421-0863** 7
1527	ANGUIANO FELIPE	421-8287 4
1528	INZUNZA FELICINO	421-6253 7
1529	RODRIGUEZ A	421-8769+9
1530	XXXX	00
1531	ROBERTS LEON M	421-5871 7
1532♦	**NORTH TV SERVICE**	**421-3700** 7
1533	XXXX	00
1534	DRIVER KELLY P JR	421-1654 7
1535	XXXX	00
1536	XXXX	00
1537	XXXX	00
1538	SADLIER RICHARD T	421-7342 7
1541	DANIEL RAYMOND	421-9357+9
1543	XXXX	00
1544	DOSS THOMAS	421-7229+9
1548	GARDNER R W	421-8363+9
1549	XXXX	00
1550	GUYTON HUGH JR	421-2644 7
1551	XXXX	00
1552	WILSON WOODROW	421-5932 7
1553	RAYBURN GARY F	421-5288 7
	RAYBURN K	421-7299+9
1554♦	**CARLSON INS AGCY**	**421-8280** 7
	CARLSON RICHARD A	421-1639 7
1555	RODRIGUEZ A B-LT	421-1049 7
1556	XXXX	00
1557	XXXX	00
1558	FARLEY RAYMOND	421-8978+9
1559	XXXX	00
1560	CZAPOR KARL W	421-9660 7
1561	XXXX	00
1562	ANDERSON IRVING C	421-0607 8
1563	WAGNER JACK	421-8535 4
1564	XXXX	00
1565	FINN C W	421-9385 8
1566	MARTINEZ ARMANDO L	421-6834 7
1568	XXXX	00
1569	ANDERES ROBT J	421-9631 5
1571	FOSTER JOHN J	421-5958 7
1576	MUNFORD WM R	421-7506 7
1577	GAFFNEY JOS S	421-3720 7
1580	CRALL DON H	421-0784 7
1581	TINGZON LUIS L	421-5986 7
	TINGZON MILAGROS	421-5986 7
1587	NICHOLS R EUGENE	421-7309 6
1591	BALANAY P DUKE	421-0676 7
1608	KANE R J	421-4587+9
1612	BOWSER CHAS S	421-8631 6
1620	LARSON GERALD	421-0973+9
1621	VANNYHUIS CHAS	421-9183+9
1624	RODOWICK TODD A	421-0570+9
1627	BURNS WM H	421-8180 4
1628	WATKINS JACKIE B	421-8340 4
1632	JOHNSON CURTIS M JR	421-4607 1
1633	XXXX	00
1636	JONES CHAS T	421-2431 7
1640	DISENSO PAUL J	421-2987+9
1648	XXXX	00
1649	HUNT E M	421-5800 7
1651	PETTY FRANK E	421-2667 7
1652	WOOD ALAN A	421-8481 3
1656	MCCALL JAS R	421-0879 7

ED. ENTERED INTO A COMPUTER OR PHOTOCOPIED. IN

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

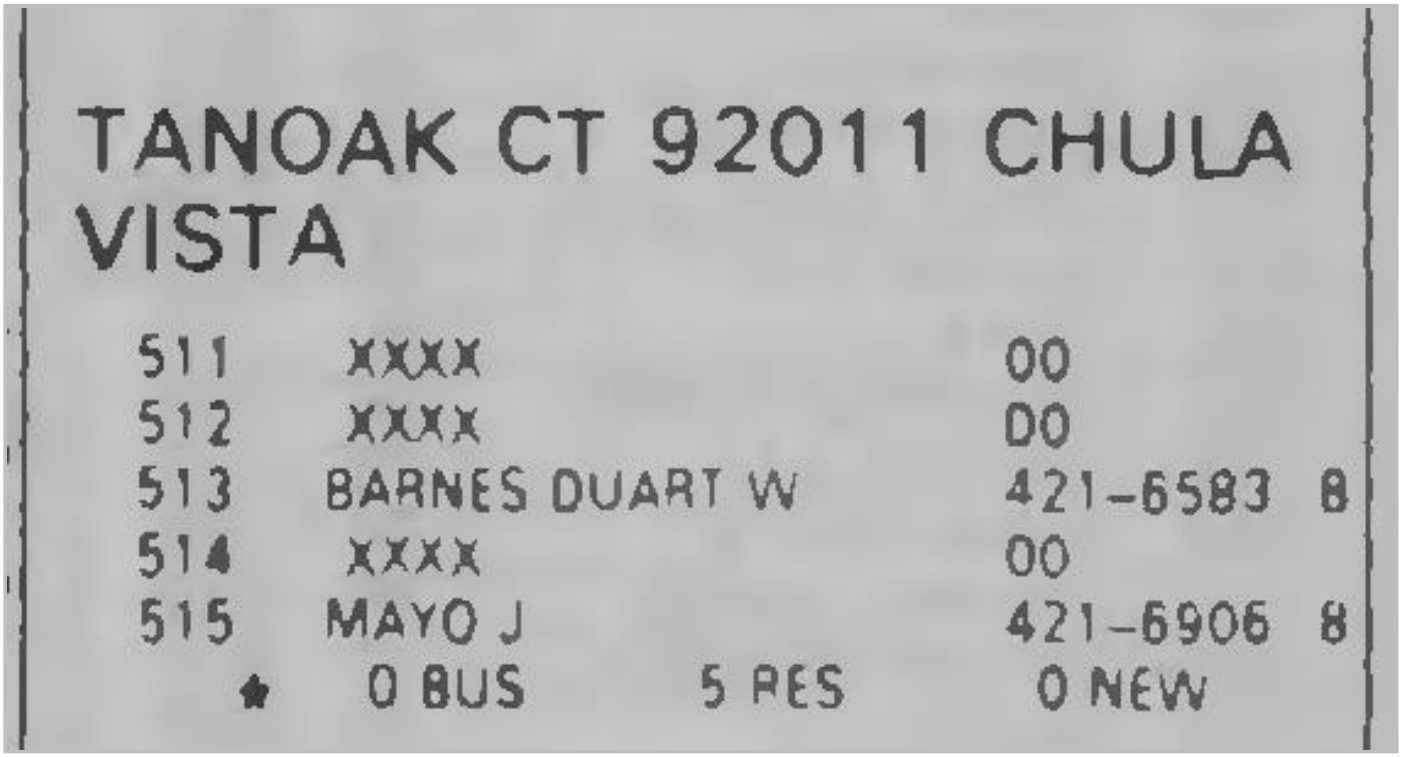
OLEANDER AVE 1979



OLEANDER AV		92011 CONT
1657	XXXX	00
1660	KOHRT MICHAEL J	421-0532+9
1661	XXXX	00
1664	PARKER DAVID L	421-0542+9
1665	REINBOLD HARLEY G	421-8551 6
1668	GETTINGER MICHAEL	421-0530+9
	POLLOCK GORDON K	421-0530+9
1669	MORRIS BESSIE ANN	421-0640 7
	MORRIS BILLIE L	421-0640 7
1672	BEVERIDGE LORETTA	421-9980 8
1673	YOUNG J L	421-2989 7
1676	BLOOM DENNIS	421-9310+9
1677	LOGAN G M	421-2688 7
1681	WOODHOUSE DONALD L	421-5251 7
1685	XXXX	00
1689	MAJURE CHAS R	421-8564 8
1693	XXXX	00
★	9 BUS 193 RES	42 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TANOAK CT 1979



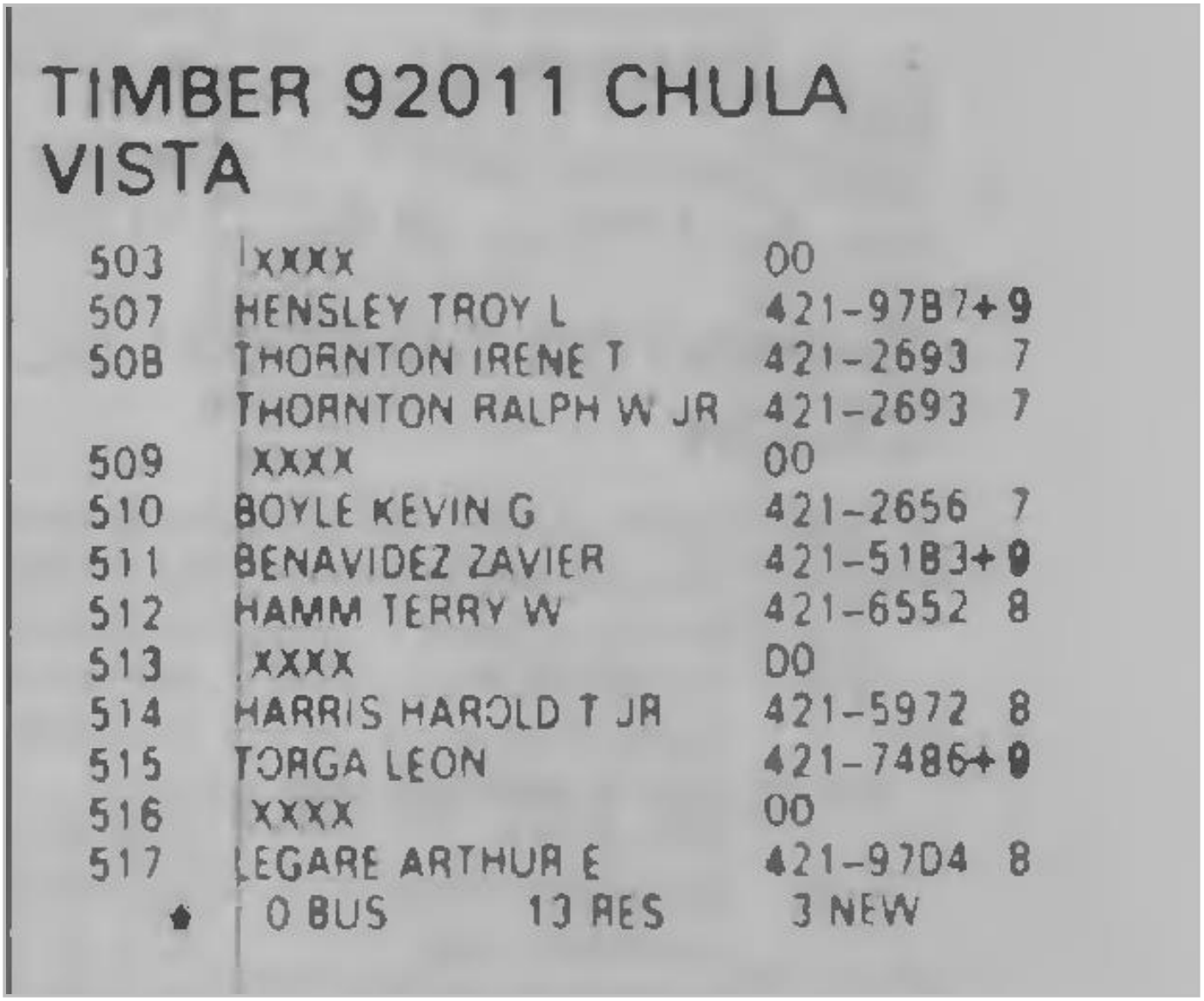
TANOAK CT 92011 CHULA VISTA

511	XXXX	00	
512	XXXX	DO	
513	BARNES DUART W	421-6583	B
514	XXXX	00	
515	MAYO J	421-6906	B

★ 0 BUS 5 RES 0 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TIMBER ST 1979



TIMBER 92011 CHULA VISTA

503	XXXX	00
507	HENSLEY TROY L	421-9787+9
508	THORNTON IRENE T	421-2693 7
	THORNTON RALPH W JR	421-2693 7
509	XXXX	00
510	BOYLE KEVIN G	421-2656 7
511	BENAVIDEZ ZAVIER	421-5183+9
512	HAMM TERRY W	421-6552 8
513	XXXX	00
514	HARRIS HAROLD T JR	421-5972 8
515	TORGA LEON	421-7486+9
516	XXXX	00
517	LEGARE ARTHUR E	421-9704 8
♦	0 BUS 13 RES	3 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1975

MAIN 92011 CHULA VISTA

1930	XXXX	00	
2001	KRALL FREDERICK R	429-5906	4
	*SWISS PARK&CLUB	423-9954	1
2245	*BIG SKY THEATRE	423-3377	
2317	*PUBLIC STORAGE INC	423-6103	+5
2320	*GENL FERTILIZR&SPLY	423-3333	4
	*U S A G AIRO SPRAY	423-3333	+5
	*U S A G SERVICE INC	423-3333	+5
	*Y&Y TRUCKING	423-3500	
2321	XXXX	00	
2350	*KITTYS VEGETBL OSTB	424-7063	4
2365	XXXX	00	
2385	XXXX	00	
2400	*NEWBROOK INC	423-1150	4
	*WOODCROME INC	423-7401	2
2402	XXXX	00	
2433	ORTIZ DANL H	423-3156	+5
	PINTADO FRANCISCO	423-2499	3
2435	RIVERA JOSE M	429-1995	4
2437	KUBELIS MARIA V	429-5927	+5
2439	XXXX	00	
2443	CASTRO NICOLAS	423-0396	+5
2445	ROBLES ISABEL R MRS	424-8527	+5
2447	HEIMER EUGENE	423-7583	+5
2449	DELRIO FELIPE M	423-5675	4
2450	CRUZ NORMA	429-5270	+5
2460	XXXX	00	
2465	PATTON JOHN C	429-5519	4

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MENDOCINO DR 1975

MENDOCINO DR 92011 CHULA VISTA

1555....APARTMENTS

136	ANDREWS ROBERTA L	421-8420 4
153	ARNOLO STEPHEN R	421-8201 3
135	BLACKWELL OONALO	421-9714 4
	BODIE O C	421-8207+5
149	BURNS LILLIAN	421-9815 3
	HERRING KENNETH R	421-8762+5
	JEFFUS ALLEN W	421-9176+5
	KEKICH J E	421-9034+5
133	KING DENNIS J	421-8048 4
150	KULESKE GEO	421-9783 3
152	LESTER OARRELL E	421-8755 3
	MFLFA JOS	421-9299+5
	MENCHACA ED	421-8390 4
142	MUMENTHALER GARY F	421-8989 3
154	PAUL JOHN W 3D	421-8066 3
143	PETERSEN RICHARO W	421-8256 4
151	PUCKETT KYLE E	421-8380 3
156	WOLF THEODORE	425-2419 3

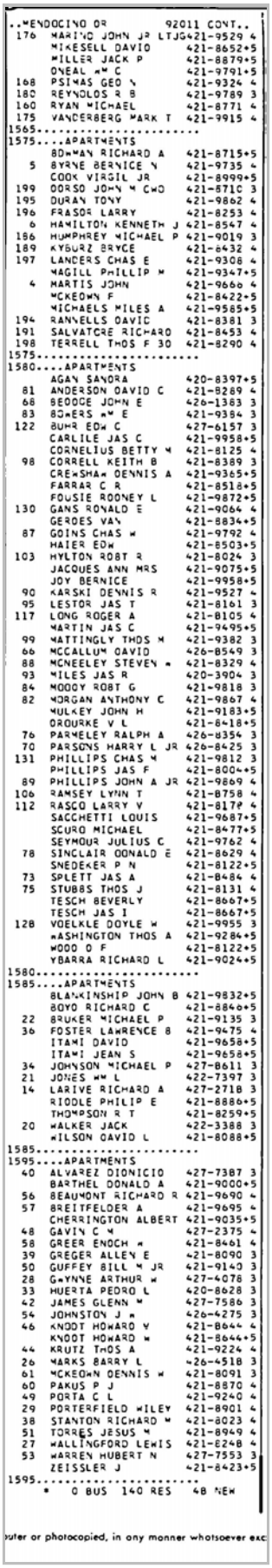
1555.....

1565....APARTMENTS

	BROCCOLI JOS JR	421-9650+5
	CHEW LYNNETTE	421-8473+5
	ERICKSON CHAS A	421-9093+5
167	FARRELL ADDIE J	421-8166 4
163	GLEASON DONALD	421-8686 4
169	HOWARD JOHN W	421-9867 4
183	LUCE CARL	421-9550 3
161	LUNSFORD MERLE O	421-9919 4

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MENDOCINO DR 1975



..MENDOCINO DR 92011 CONT..
176 MARINO JOHN JR LTJG 421-9529 4
MIKESELL DAVID 421-8652+5
MILLER JACK P 421-8879+5
ONEAL WM C 421-9791+5
168 PSIMAS GEO N 421-9324 4
180 REYNOLDS R B 421-9789 3
160 RYAN MICHAEL 421-8771 4
175 VANDERBERG MARK T 421-9915 4
1565.....
1575....APARTMENTS
BOWMAN RICHARD A 421-8715+5
5 BYRNE BERNICE N 421-9735 4
COOK VIRGIL JR 421-8999+5
199 DORSO JOHN M CWO 421-8710 3
195 DURAN TONY 421-9862 4
196 FRASOR LARRY 421-8253 4
6 HAMILTON KENNETH J 421-8547 4
186 HUMPHREY MICHAEL P 421-9019 3
189 KYBURZ BRYCE 421-6432 4
197 LANDERS CHAS E 421-9308 4
MAGILL PHILLIP M 421-9347+5
4 MARTIS JOHN 421-9666 4
MCKEOWN F 421-8422+5
MICHAELS MILES A 421-9585+5
194 RANNELLS DAVID 421-8381 3
191 SALVATORE RICHARD 421-8453 4
198 TERRELL THOS F JR 421-8290 4
1575.....
1580....APARTMENTS
AGAN SANDRA 420-8397+5
81 ANDERSON DAVID C 421-8289 4
68 BEDDOE JOHN E 426-1383 3
83 BOWERS WM E 421-9384 3
122 BUHR EDW C 427-6157 3
CARLILE JAS C 421-9958+5
CORNELIUS BETTY M 421-8125 4
98 CORRELL KEITH B 421-8389 3
CRENSHAW DENNIS A 421-9365+5
FARRAR C R 421-8516+5
FOUSIE ROONEY L 421-9872+5
130 GANS RONALD E 421-9064 4
GERDES VAL 421-8834+5
87 GOINS CHAS W 421-9792 4
HAIER EDW 421-8503+5
103 HYLTON ROBT R 421-8024 3
JACQUES ANN MRS 421-9075+5
JOY BERNICE 421-9958+5
90 KARSKI DENNIS R 421-9527 4
95 LESTOR JAS T 421-8161 3
117 LONG ROGER A 421-8105 4
MARTIN JAS C 421-9495+5
99 MATTINGLY THOS M 421-9382 3
66 MCCALLUM DAVID 426-8549 3
88 MCNEELEY STEVEN W 421-8329 4
93 MILES JAS R 420-3904 3
84 MOODY ROBT G 421-9818 3
82 MORGAN ANTHONY C 421-9867 4
MULKEY JOHN H 421-9183+5
OROURKE V L 421-8418+5
76 PARMELEY RALPH A 426-8354 3
70 PARSONS HARRY L JR 426-8425 3
131 PHILLIPS CHAS M 421-9812 3
PHILLIPS JAS F 421-8004+5
89 PHILLIPS JOHN A JR 421-9869 4
106 RAMSEY LYNN T 421-8758 4
112 RASCO LARRY V 421-817# 4
SACCHETTI LOUIS 421-9687+5
SCURO MICHAEL 421-8477+5
SEYMOUR JULIUS C 421-9762 4
78 SINCLAIR DONALD E 421-8629 4
SNEDEKER P N 421-8122+5
73 SPLETT JAS A 421-8484 4
75 STUBBS THOS J 421-8131 4
TESCH BEVERLY 421-8667+5
TESCH JAS I 421-8667+5
128 VOELKLE DOYLE W 421-9955 3
WASHINGTON THOS A 421-9284+5
WOOD O F 421-8122+5
YBARRA RICHARD L 421-9024+5
1580.....
1585....APARTMENTS
BLANKINSHIP JOHN B 421-9832+5
BOYD RICHARD C 421-8840+5
22 BRUKER MICHAEL P 421-9135 3
36 FOSTER LAWRENCE B 421-9475 4
ITAMI DAVID 421-9658+5
ITAMI JEAN S 421-9658+5
34 JOHNSON MICHAEL P 427-8611 3
21 JONES WM L 422-7397 3
14 LARIVE RICHARD A 427-2718 3
RIDDLE PHILIP E 421-8886+5
THOMPSON R T 421-8259+5
20 WALKER JACK 422-3388 3
WILSON DAVID L 421-8088+5
1585.....
1595....APARTMENTS
40 ALVAREZ DIONICIO 427-7387 3
BARTHEL DONALD A 421-9000+5
56 BEAUMONT RICHARD R 421-9690 4
57 BREITFELDER A 421-9695 4
CHERRINGTON ALBERT 421-9035+5
48 GAVIN C M 427-2375 4
58 GREER ENOCH W 421-8461 4
39 GREGER ALLEN E 421-8090 3
50 GUFFEY BILL M JR 421-9140 3
28 GWYNNE ARTHUR W 427-4078 3
33 HUERTA PEDRO L 420-8628 3
42 JAMES GLENN M 427-7586 3
54 JOHNSTON J W 426-4275 3
46 KNODT HOWARD V 421-8644 4
KNODT HOWARD W 421-8644+5
44 KRUTZ THOS A 421-9224 4
26 MARKS BARRY L 426-4518 3
61 MCKEOWN DENNIS W 421-8091 3
60 PAKUS P J 421-8870 4
49 PORTA C L 421-9240 4
29 PORTERFIELD WILEY 421-8901 4
38 STANTON RICHARD W 421-8023 4
51 TORRES JESUS M 421-8949 4
27 WALLINGFORD LEWIS 421-6248 4
53 WARREN HUBERT N 427-7553 3
ZEISSLER J 421-8423+5
1595.....
* 0 BUS 140 RES 48 NEW

puter or photocopied, in any manner whatsoever exc

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

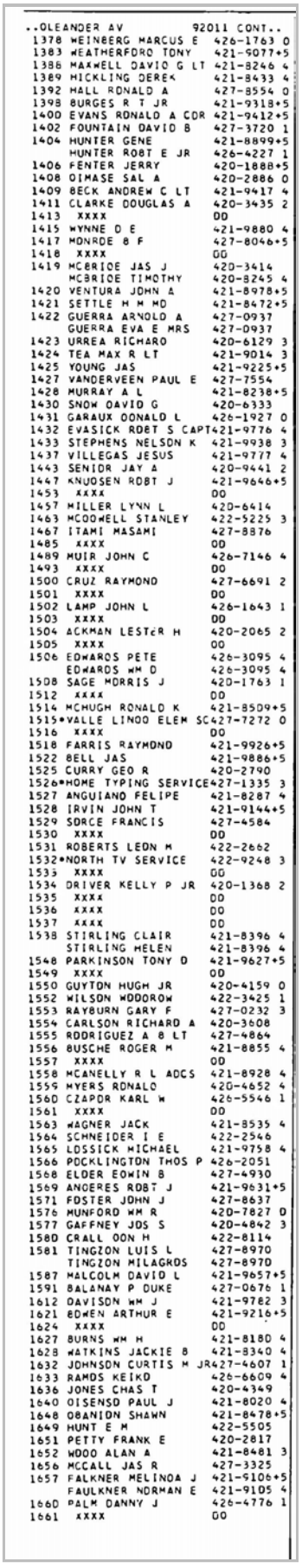
OLEANDER AVE 1975

1244 GONZALES EDw R 426-4184 3
1368 LACY JAS A 427-1353 D
1374 MOUOY RDBT E 426-1773 2

cept as authorized in writing by Haines & Co., Inc.

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

OLEANDER AVE 1975

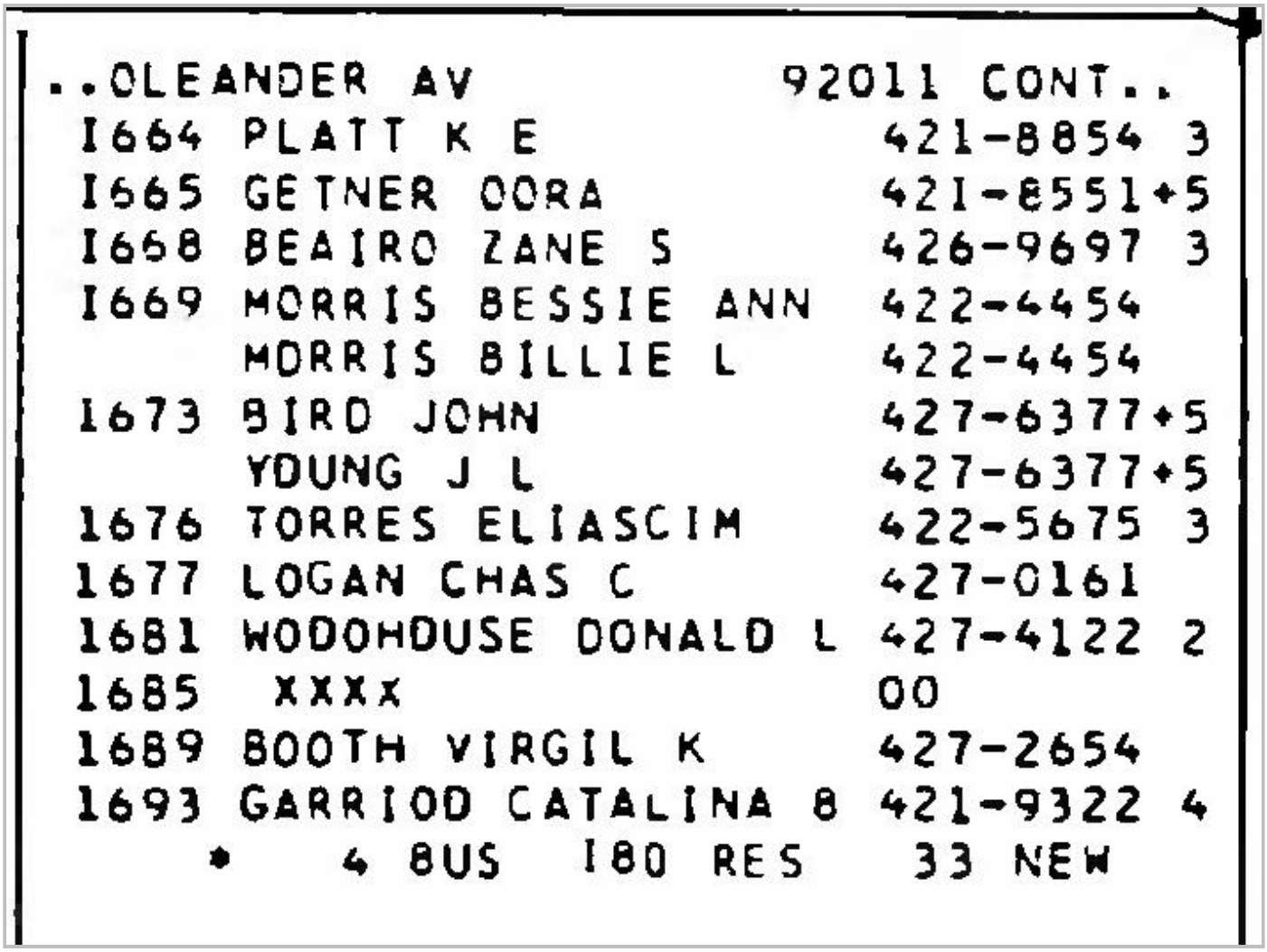


..OLEANDER AV 92011 CONT..

1378 WEINBERG MARCUS E 426-1763 0
1383 WEATHERFORD TONY 421-9077+5
1386 MAXWELL DAVID G LT 421-8246 4
1389 HICKLING DEREK 421-8433 4
1392 HALL RONALD A 427-8554 0
1398 BURGES R T JR 421-9318+5
1400 EVANS RONALD A CDR 421-9412+5
1402 FOUNTAIN DAVID B 427-3720 1
1404 HUNTER GENE 421-8899+5
HUNTER ROBT E JR 426-4227 1
1406 FENTER JERRY 420-1888+5
1408 OIMASE SAL A 420-2886 0
1409 BECK ANDREW C LT 421-9417 4
1411 CLARKE DOUGLAS A 420-3435 2
1413 XXXX DD
1415 WYNNE D E 421-9880 4
1417 MONROE B F 427-8046+5
1418 XXXX GG
1419 MCBRIDE JAS J 420-3414
MCBRIDE TIMOTHY 420-8245 4
1420 VENTURA JOHN A 421-8978+5
1421 SETTLE H M MD 421-8472+5
1422 GUERRA ARNOLD A 427-0937
GUERRA EVA E MRS 427-0937
1423 URREA RICHARD 420-6129 3
1424 TEA MAX R LT 421-9014 3
1425 YOUNG JAS 421-9225+5
1427 VANDERVEEN PAUL E 427-7554
1428 MURRAY A L 421-8238+5
1430 SNOW DAVID G 420-6333
1431 GARAUX DONALD L 426-1927 0
1432 EVASICK ROBT S CAPT 421-9776 4
1433 STEPHENS NELSON K 421-9938 3
1437 VILLEGAS JESUS 421-9777 4
1443 SENIOR JAY A 420-9441 2
1447 KNUDSEN ROBT J 421-9646+5
1453 XXXX DD
1457 MILLER LYNN L 420-6414
1463 MCDOWELL STANLEY 422-5225 3
1467 ITAMI MASAMI 427-8876
1485 XXXX DD
1489 MUIR JOHN C 426-7146 4
1493 XXXX DD
1500 CRUZ RAYMOND 427-6691 2
1501 XXXX DD
1502 LAMP JOHN L 426-1643 1
1503 XXXX DD
1504 ACKMAN LESTER H 420-2065 2
1505 XXXX DD
1506 EDWARDS PETE 426-3095 4
EDWARDS WM D 426-3095 4
1508 SAGE MORRIS J 420-1763 1
1512 XXXX DD
1514 MCHUGH RONALD K 421-8509+5
1515*VALLE LINDO ELEM SC 427-7272 0
1516 XXXX DD
1518 FARRIS RAYMOND 421-9926+5
1522 BELL JAS 421-9886+5
1525 CURRY GEO R 420-2790
1526*HOME TYPING SERVICE 427-1335 3
1527 ANGUIANO FELIPE 421-8287 4
1528 IRVIN JOHN T 421-9144+5
1529 SORCE FRANCIS 427-4584
1530 XXXX DD
1531 ROBERTS LEON M 422-2662
1532*NORTH TV SERVICE 422-9248 3
1533 XXXX GG
1534 DRIVER KELLY P JR 420-1368 2
1535 XXXX DD
1536 XXXX DD
1537 XXXX DD
1538 STIRLING CLAIR 421-8396 4
STIRLING HELEN 421-8396 4
1548 PARKINSON TONY D 421-9627+5
1549 XXXX DD
1550 GUYTON HUGH JR 420-4159 0
1552 WILSON WOODROW 422-3425 1
1553 RAYBURN GARY F 427-0232 3
1554 CARLSON RICHARD A 420-3608
1555 RODRIGUEZ A B LT 427-4864
1556 BUSCHE ROGER M 421-8855 4
1557 XXXX DD
1558 MCANELLY R L ADCS 421-8928 4
1559 MYERS RONALD 420-4652 4
1560 CZAPOR KARL W 426-5546 1
1561 XXXX DD
1563 WAGNER JACK 421-8535 4
1564 SCHNEIDER I E 422-2546
1565 LOSSICK MICHAEL 421-9758 4
1566 POCKLINGTON THOS P 426-2051
1568 ELDER EDWIN B 427-4930
1569 ANDERES ROBT J 421-9631+5
1571 FOSTER JOHN J 427-8637
1576 MUNFORD WM R 420-7827 0
1577 GAFFNEY JOS S 420-4842 3
1580 CRALL DON H 422-8114
1581 TINGZON LUIS L 427-8970
TINGZON MILAGROS 427-8970
1587 MALCOLM DAVID L 421-9657+5
1591 BALANAY P DUKE 427-0676 1
1612 DAVISON WM J 421-9782 3
1621 EDWEN ARTHUR E 421-9216+5
1624 XXXX DD
1627 BURNS WM H 421-8180 4
1628 WATKINS JACKIE B 421-8340 4
1632 JOHNSON CURTIS M JR 427-4607 1
1633 RAMOS KEIKO 426-6609 4
1636 JONES CHAS T 420-4349
1640 OISENSO PAUL J 421-8020 4
1648 OBANION SHAWN 421-8478+5
1649 HUNT E M 422-5505
1651 PETTY FRANK E 420-2817
1652 WOOD ALAN A 421-8481 3
1656 MCCALL JAS R 427-3325
1657 FALKNER MELINDA J 421-9106+5
FAULKNER NORMAN E 421-9105 4
1660 PALM DANNY J 426-4776 1
1661 XXXX GG

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

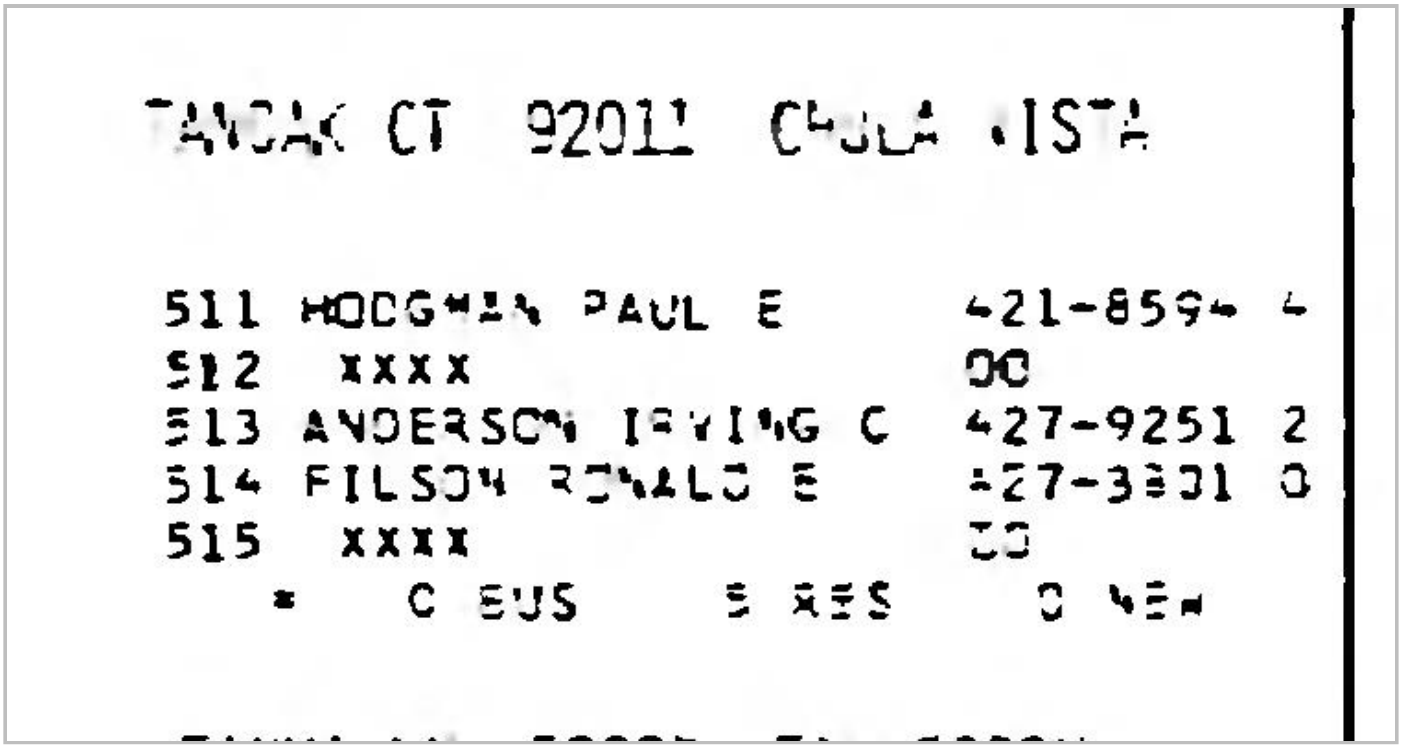
OLEANDER AVE 1975



```
..OLEANDER AV                    92011 CONT..
 I664 PLATT K E                  421-8854  3
 I665 GETNER OORA                421-8551+5
 I668 BEAIRO ZANE S              426-9697  3
 I669 MORRIS BESSIE ANN          422-4454
      MORRIS BILLIE L            422-4454
 1673 BIRD JOHN                  427-6377+5
      YOUNG J L                  427-6377+5
 1676 TORRES ELIASCIM            422-5675  3
 1677 LOGAN CHAS C               427-0161
 1681 WODOHOUSE DONALD L         427-4122  2
 1685  XXXX                      OO
 1689 BOOTH VIRGIL K             427-2654
 1693 GARRIOD CATALINA B         421-9322  4
     *    4 BUS  180 RES   33 NEW
```

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TANOAK CT 1975



TANOAK CT 92011 CHULA VISTA

511 HODGMAN PAUL E 421-8594 4
512 XXXX 00
513 ANDERSON IRVING C 427-9251 2
514 FILSON RONALD E 427-3301 0
515 XXXX 00
* C EUS S RES O VEH

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TIMBER ST 1975

TIMBER 92011 CHULA VISTA

503	XXXX	00	
507	CHANTENGCO RICARDO	427-7118	0
508	THORNTON IRENE T	422-3637	
	THORNTON RALPH W JR	422-3637	
509	RUFING JAS C JR	420-8298	0
510	BOYLE KEVIN G	427-4244	
511	WINGO ROBT P	426-2182	1
513	XXXX	00	
515	DELACRUZ JULIAN	420-2006	3
516	MACLAREN JOHN	421-8890	4
517	XXXX	00	

* 0 BUS 11 RES 0 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

MAIN ST 1971

MAIN 92011 CHULA VISTA

1930	*	GOODRICH M OCCO	423-1856+1
2001		KLUCKER TONY	423-5245
	*	SWISS PARK&CLUB	423-9954+1
2245	*	BIG SKY THEATRE	423-3377
2320	*	GENL FERTILIZR SRLY	423-3333
	*	GENRL HYDROOYNAMICS	423-3333
	*	YCY TRUCKING	423-3500
2325	*	SUNSET NURSERY	423-0111 0
2350	*	SO RAPER&CHEMICAL	423-5814+1
2365		KELLY ROBT E MD	423-3706+1
2385		WARTCOHOW LAWRENCE	423-9677+1
2387		ALLGOOO WM S	429-1365+1
2400	*	SHAW O INDSTRL BLDR	429-0622+1
2435		CLEMONS JACK O	424-5948+1
2439		WHALEY S	423-7649 0
2441		PERALTA RAMONA	424-9015+1
2445		XXXX	00
2447		CAMPOS RAFAEL R	423-3569
2449		XXXX	00
2460	*	SOUTH BAY TRLR SALE	423-4123 0
2465		GRYOER CHAS	423-5918+1
2471	*	RRUITT BOB CNSTRCTN	423-7740+1
	*	TAX SERVICE CENTRE	429-1818+1
	*	UNIOEX REALTY	423-6464 0
2489	*	FREEBY SIGNS	423-2252
2490		GLAO EUGENE C	423-0212
2500		MCCULLOUGH HUBERT E	423-0167

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

OLEANDER AVE 1971

OLEANDER DR E 92010 CHULA VISTA

131	GILMORE CORINNE 8	427-9735
A	WALKER EVA MRS	422-9473
0	OVERLANDER LILLIAN	422-2456
134	CRAIN E S	426-2219
	SEIDLER JACQUES	420-2453 0
0	LASSING W H MRS	427-2172
135	FARRAR GEO E REV	427-0253
138	BENSON JOHN	427-5828
	OUNHAM ARCHIE W	420-3137+1
	KIRCHNER ALICE	420-9707
141	JONES BERTHA K	426-1545+1
	MAXFIELD LILLIAN	420-9116+1
	SEXAUER R M	422-1973 0
146	SINGLETON R C	426-1921+1
8	MAXWELL J P	427-4246
147	BUPNHAM D K	420-9416
	LANDA LYDIA	420-0352+1
151	MCNULTY BERNICE MRS	420-3072
	RUSSELL J M MRS	420-0235+1
8	CROCKETT EMILIE	427-0498

* 0 BUS 20 RES 6 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TANOAK CT 1971

TANOAK CT 92011 CHULA VISTA

511	ANOREAS JAS H	420-7944
512	SMITH LAWRENCE J	427-2096
514	FILSON RONALO E	427-3801 0
515	BRAZELLE MARTIN L	427-4073+1
*	0 BUS 4 RES	1 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

TIMBER ST 1971

TIMBER 92011 CHULA VISTA

503	AVILA VINCENT O	427-5529	
507	CHANTENGCO RICARDO	427-7118	O
508	THORNTON IRENE T	422-3637	
	THORNTON RALPH W JR	422-3637	
509	RUFING JAS C JR	420-8298	O
510	BOYLE KEVIN G	427-4244	
511	WINGO ROBT P	426-2182	✦1
513	STRAUGHN MARLIN G	427-1291	
516	RAIFORD CAROLE	427-9705	O
517	BPACHER CHAS	427-7927	

✦ 0 BUS 10 RES 1 NEW

Target Street	Cross Street	Source
-	✓	Polk's City Directory

OLEANDER AVE 1965

OLEANDER AVENUE—From E Naples north, 1 east of Osage av

1029 Crockett Raymond C ◎ 427-1267
1033 Bowers Wm H jr ◎ 422-9048
1036 Erni Alf L ◎ 422-6007
1037 Fitzpatrick Jack J ◎ 427-0622
1042 Turner Thos A ◎ 422-6025
1043 Bretsch Ralph G ◎
1048 Watts Paul L ◎ 422-4503
1051 Williams Marvin G ◎ 420-6368
1055 Duncan Geo M ◎ 420-3518
1060 Howes W Russell 422-2825
1061 Duff Robt R ◎ 420-4078
1065 Wolfe Robt J ◎
1066 Reson Kenneth E ◎
1071 Kearney Jack R ◎ 420-8403
1072 Ward Theo R ◎ 422-1358

Montcalm intersects

1075 Warren H Ray ◎ 420-8629
1081 Vacant
1082 Holmes John R ◎ 420-4164
1085 Newman Eug L ◎ 420-4296
1090 Pantol Francis P 420-9265
1091 Ritchie Cecil M 420-9054
1096 Boosinger Benj ◎
1097 Lyman Douglas A
1102 Santiago Jesse D ◎ 420-2208
1106 Reedy E Paul ◎ 420-2766
1112 Blair Thos D 420-0420
1118 Brownlee Hollis E 420-2351
1124 No Return
1128 Young Gerald U 420-9243

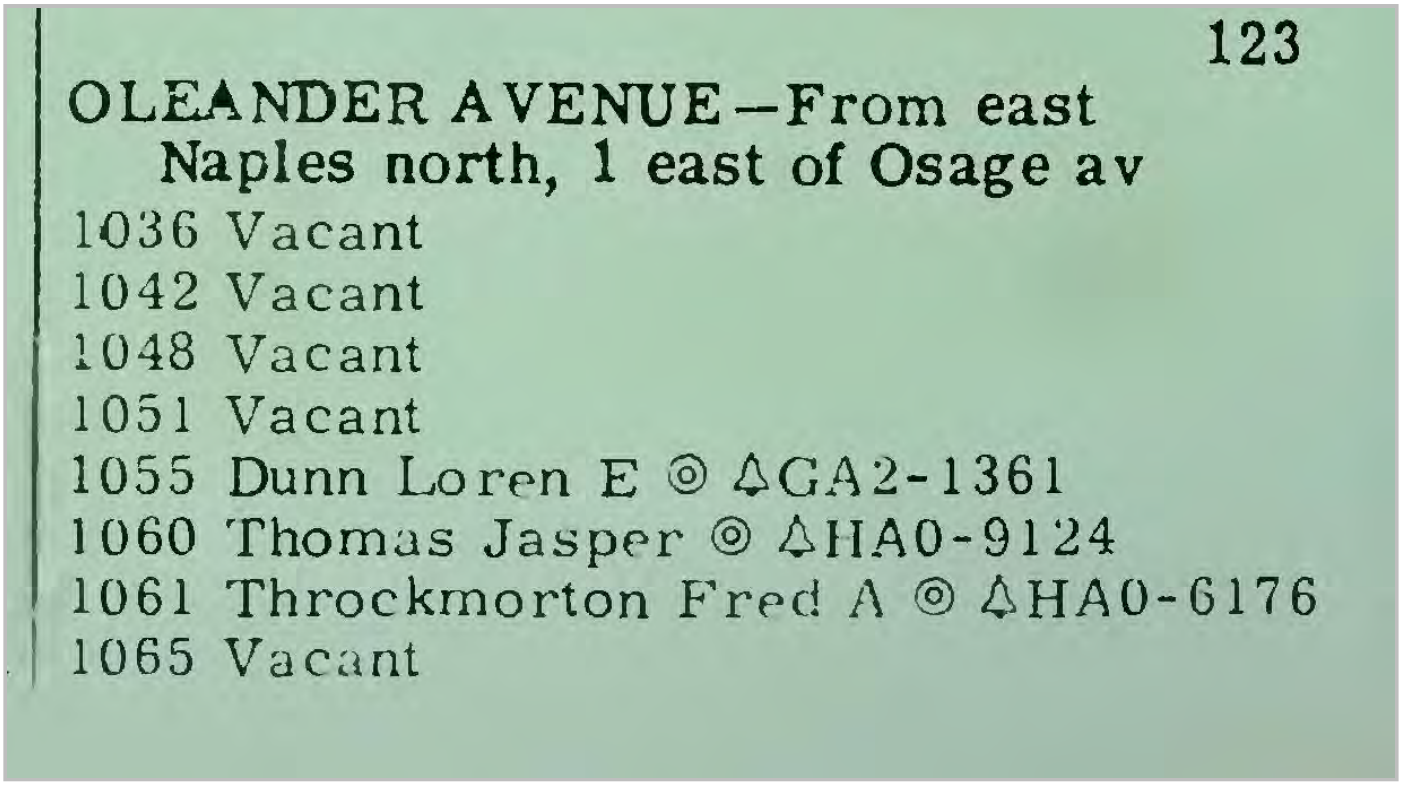
Target Street	Cross Street	Source
-	✓	Polk's City Directory

OLEANDER AVE 1965

1132 Randazzo James 422-4736
1138 Harris Dan L ◎
1142 Smith Gloria R Mrs
1148 Lopez Francisco 420-5828
1152 Ardelmann Alfons ◎ 420-7749
1158 McDonald Joseph J ◎ 420-5411
1162 Alwin O F jr
1168 No Return
1172 Blackman Donald J 420-3392
1178 No Return
1188 Fenstermaker Roy E ◎ 422-9152
E Oxford intersects
cor Rogers Greg Park

Target Street	Cross Street	Source
-	✓	Polk's City Directory

OLEANDER AVE 1960



123

OLEANDER AVENUE—From east Naples north, 1 east of Osage av

1036 Vacant
1042 Vacant
1048 Vacant
1051 Vacant
1055 Dunn Loren E ◎ △GA2-1361
1060 Thomas Jasper ◎ △HA0-9124
1061 Throckmorton Fred A ◎ △HA0-6176
1065 Vacant

Target Street	Cross Street	Source
-	✓	Polk's City Directory

OLEANDER AVE 1960

OLEANDER AV—Contd

1066 Reson Kenneth E ◎
1071 Kearney Jack R
1072 Ward Theo R ◎ ♙GA2-1358

Montcalm intersects

1075 Warren H Ray ◎ ♙HA0-8629
1081 Ramirez Louis V ◎ ♙HA0-7558
1082 Joslin Andrew ◎ ♙GA2-3535
1085 Hartnett James F ◎ ♙HA0-0575
1090 Pantol Francis P ♙HA0-9265
1091 Vacant
1096 Jones Claude ◎ ♙HA0-5980
1097 Hullander Robt A ◎
1112 Vacant
1118 Vacant
1124 Vacant
1128 Vacant
1132 Vacant
1138 Vacant
1142 Vacant
1148 Vacant
1152 Vacant
1158 Vacant
1162 Vacant
1168 Vacant
1172 Vacant
1178 Vacant
1188 Vacant

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
RECORDS FOR THE SITE VICINITY

Environmental Business Solutions

HE-17 Integrated Report

Date of Report: 06/29/2021

Estno:	135978	Ename:	KEYSTONE AUTOMOTIVE	Ebldg:		Ezip:	91911
Estrno:	1670	Estr:	BRANDYWINE AV	Ecity:	CHULA VISTA	Ephone	619-656-2050
Edir:							

ActDesc:	Auto/Truck Body Repair	In:	1	Mp:		Epa:	CAL000145585	BP Acceptance DT:	
Contact:	RICK DURAZO	Sic1:		Corp:		Gas:		Last Update:	5/10/2005
Iname:	LEGACY	Exp:		Ct:	133.1	Inp3:	03/18/02	Last Letter Type:	
Ntc:		St:		Rinp3:					

Violation(s):

135978	02 GENERAL VIOLATION	3/18/2002	V002	HAZARDOUS WASTE CONTAINERS ARE MISSING LABELS, ACCUMULATION DATE AND/OR ARE IMPROPERLY LABELED CCR 66262.34
135978	01 GENERAL VIOLATION	8/7/1996	V001	GENERATOR OF HAZARDOUS WASTE HAS NOT OBTAINED AN EPA IDENTIFICATION NUMBER CCR 66262.12
135978	6HV1003	12/19/1997	6198	HMBP NOT AMENDED W/IN 30 DAYS
135978	6HV0401	12/19/1997	6197	TRAINING RECORDS UNAVAILABLE
135978	6HV0202	12/19/1997	6196	WASTE CONTAINER W/O LABELS
135978	6HV0301	12/19/1997	6195	HAZWASTE:UNAUTHORIZED DISPOSAL
135978	6HV0138	12/19/1997	6194	NO TSDF SIGNED MANIFEST ONSITE
135978	6HV0202	3/18/2002	1462	WASTE CONTAINER W/O LABELS
135978	6HV0132	8/7/1996	0673	EPA ID NUMBER NOT OBTAINED/MAINTAINED
135978	6HV0132	8/7/1996	4634	EPA ID NUMBER NOT OBTAINED

135978	01 GENERAL	3/18/2002	V001	HAZARDOUS WASTE IS STORED IN EXCESS OF ALLOWABLE TIME PERIOD WITHOUT A STATE PERMIT OR WRITTEN VARIANCE CCR 66262.34
135978	01 GENERAL	12/19/1997	V005	BUSINESS PLAN WAS NOT AMENDED WITHIN 30 DAYS FOR A 100% QUANTITY IN-CREASE,NEW DISCLOSABLE MATERIALS OR A CHANGE IN BUSINESS INFO.HSC 25505
135978	01 GENERAL	12/19/1997	V004	PERSONNEL TRAINING RECORDS ARE INADEQUATE TO DOCUMENT COMPLIANCE WITH REQUIREMENTS FOR CURRENT AND FORMER EMPLOYEES CCR 66265.16
135978	01 GENERAL	12/19/1997	V003	HAZARDOUS WASTE CONTAINERS ARE MISSING LABELS, ACCUMULATION DATE AND/OR ARE IMPROPERLY LABELED CCR 66262.34
135978	01 GENERAL	12/19/1997	V002	DISPOSAL OR CAUSING THE DISPOSAL OF HAZARDOUS WASTE TO AN UNAUTHORIZED POINT(GROUND, STORM DRAIN, SEWER SYSTEM, TRASH OR AIR) HSC 25189.5
135978	01 GENERAL	12/19/1997	V001	GENERATOR HAS NOT MAINTAINED THE REQUIRED SIGNED COPY OF THE HAZARDOUS WASTE MANIFEST FROM THE TSD FACILITY ON SITE FOR REVIEW CCR 66262.40
135978	01 GENERAL	8/7/1996	V002	GENERATOR OF A WASTE HAS NOT DETERMINED IF THAT WASTE IS A HAZARDOUS WASTE AS DEFINED BY LAW CCR 66262.11
135978	6HV0304	8/7/1996	0674	WASTE DETERMINATION NOT MADE
135978	6HV0202	3/18/2002	5718	WASTE CONTAINER W/O LABELS
135978	6HV0209	3/18/2002	4372	WASTE ONSITE >90/180/270 DAYS
135978	6HV1003	12/19/1997	8807	HMBP NOT AMENDED W/IN 30 DAYS
135978	6HV0401	12/19/1997	8806	TRAINING RECORDS UNAVAILABLE
135978	6HV0202	12/19/1997	8805	WASTE CONTAINER W/O LABELS
135978	6HV0301	12/19/1997	8804	HAZWASTE:UNAUTHORIZED DISPOSAL

135978	6HV0138	12/19/1997	8803	NO TSDF SIGNED MANIFEST ONSITE
135978	6HV0209	3/18/2002	1461	WASTE ONSITE >90/180/270 DAYS
135978	6HV0132	8/7/1996	3406	EPA ID NUMBER NOT OBTAINED
135978	6HV0202	3/18/2002	4373	WASTE CONTAINER W/O LABELS
135978	6HV0209	3/18/2002	5717	WASTE ONSITE >90/180/270 DAYS
135978	6HV1003	12/19/1997	0136	HMBP NOT AMENDED W/IN 30 DAYS
135978	6HV0401	12/19/1997	0135	TRAINING RECORDS UNAVAILABLE
135978	6HV0202	12/19/1997	0134	WASTE CONTAINER W/O LABELS
135978	6HV0301	12/19/1997	0133	HAZWASTE:UNAUTHORIZED DISPOSAL
135978	6HV0138	12/19/1997	0132	NO TSDF SIGNED MANIFEST ONSITE
135978	6HV0304	8/7/1996	4635	WASTE DETERMINATION NOT MADE
135978	6HV0304	8/7/1996	3407	WASTE DETERMINATION NOT MADE

Waste:

W003	3/18/2002	PAINT SLUDGE ALTERNATIVE TECHOLOGIES,	15 30	GAL	461	METAL DRUMS 0-5 GALLONS RECYCLE
W002	3/18/2002	ORGANIC SOLIDS (OTHER) ALTERNATIVE TECHOLOGIES,	55 330	GAL	352	METAL DRUMS,55 GALLONS LANDFILL

W001	3/18/2002	INORGANIC SOLID WASTE (OTHE ALTERNATIVE TECHOLOGIES,	650 3900	LBS	181	METAL DRUMS,55 GALLONS RECYCLE
W003	12/19/1997	PAINT SLUDGE INVALID CODE	15 30	GAL	461	METAL DRUMS 0-5 GALLONS RECYCLE
W002	12/19/1997	ORGANIC SOLIDS (OTHER) INVALID CODE	55 330	GAL	352	METAL DRUMS,55 GALLONS LANDFILL
W001	12/19/1997	INORGANIC SOLID WASTE (OTHE INVALID CODE	650 3900	LBS	181	METAL DRUMS,55 GALLONS RECYCLE
W001	8/7/1996	INORGANIC SOLID WASTE (OTHE SELF:SMALL QTY EXEMPTION	20 20	GAL	181	METAL DRUMS 6-110 GALLONS UNKNOWN

Disclosures:

D003	135978	7306 562	CFT	7782-44-7	FIRE HAZARD SUDDN RLSE OF PRES	CYLINDERS OXYGEN COMPRESSED GAS
D002	135978	110 55	GAL	7727-43-9	IMMED HEALTH HAZRD	METAL DRUMS,55 GALLONS BARIUM SULFATE 9%; ETHYLENE GLYCOL MONOBUTYL ETHER 7%: PRIMER HYDROFLEX 1.2
D001	135978	6000 400	GAL	MIXTURE	FIRE HAZARD IMMED HEALTH HAZRD	METAL DRUMS,55 GALLONS LACQUER THINNER IN 55 GAL, 15 GAL & 5 GAL CONTAINERS

SAM Releases:

Tanks:

Environmental Business Solutions

HE-17 Integrated Report

Date of Report: 06/29/2021

Estno:	138361	Ename:	LYON ELECTRIC CO, INC	Ebldg:		Ezip:	91911
Estrno:	1690	Estr:	BRANDYWINE AV	Ecity:	CHULA VISTA	Ephone	619-216-3400
Edir:							

ActDesc:	Machine Shops	In:	1	Mp:		Epa:	CAL000190177	BP Acceptance DT:	
Contact:	DEAN GARDNER	Sic1:		Corp:		Gas:		Last Update:	5/10/2005
Iname:	AQUECAN	Exp:		Ct:	133.1	Inp3:	10/14/03	Last Letter Type:	
Ntc:		St:		Rinp3:					

Violation(s):

138361	6HV1011	10/14/2003	0836	TRAINING RECORDS NOT AVAILABLE
138361	6HV0407	10/2/2007	6253	EMPLOYEE TRAINING NOT ADEQUATE
138361	6HV0229	10/2/2007	6252	HW CONTAINERS NOT INSPECTED WEEKLY
138361	6HV0227	10/2/2007	6251	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
138361	6HV0225	10/2/2007	6250	ACCUMULATED HW>180 OR >270 DAYS
138361	6HV0304	10/2/2007	6249	WASTE DETERMINATION NOT MADE
138361	6HV1015	10/2/2007	6248	EMPLOYEE TRAINING NOT ADEQUATE
138361	6HV1013	10/2/2007	6247	HMBP NOT AVAILABLE FOR REVIEW
138361	6HV0402	3/9/2006	3663	TRAINING PROGRAM NOT ADEQUATE
138361	01 GENERAL VIOLATION	11/21/2000	V001	HAZARDOUS WASTE CONTAINERS ARE NOT KEPT CLOSED WHILE IN STORAGE CCR 66265.173

138361	6HV0208	3/9/2006	3661	STORAGE AREA: NO WEEKLY INSPECTION
138361	6HV0207	11/21/2000	9730	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
138361	6HV0204	10/14/2003	0835	WASTE CONTAINER:IMPROPER MGMT
138361	6HV1009	1/16/2002	8895	HMBP: INADEQUATE SITE MAP
138361	6HV1003	1/16/2002	8894	HMBP NOT AMENDED W/IN 30 DAYS
138361	6HV0207	11/21/2000	5682	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
138361	6HV0201	11/21/2000	5681	WASTE CONTAINER NOT CLOSED
138361	01 GENERAL VIOLATION	1/16/2002	V002	BUSINESS PLAN DOES NOT HAVE A SITE MAP WHICH PROVIDES ADEQUATE INFORMATION FOR EMERGENCY RESPONSE AGENCIES HSC 25509(A)(5)
138361	01 GENERAL VIOLATION	1/16/2002	V001	BUSINESS PLAN WAS NOT AMENDED WITHIN 30 DAYS FOR A 100% QUANTITY IN-CREASE,NEW DISCLOSABLE MATERIALS OR A CHANGE IN BUSINESS INFO.HSC 25505
138361	01 GENERAL VIOLATION	11/21/2000	V002	CONTAINERS HOLDING IGNITABLE OR REACTIVE WASTES ARE NOT GROUNDED OR ADEQUATELY PROTECTED FROM ACCIDENTAL IGNITION CCR 66265.31
138361	6HV0209	3/9/2006	3662	WASTE ONSITE >90/180/270 DAYS
138361	6HV0204	10/14/2003	3768	WASTE CONTAINER:IMPROPER MGMT
138361	6HV0229	10/2/2007	9341	HW CONTAINERS NOT INSPECTED WEEKLY
138361	6HV0227	10/2/2007	9340	HAZWASTE TANK/CONTAINER W/O LABEL/DATE

138361	6HV0225	10/2/2007	9339	ACCUMULATED HW>180 OR >270 DAYS
138361	6HV0304	10/2/2007	9338	WASTE DETERMINATION NOT MADE
138361	6HV1015	10/2/2007	9337	EMPLOYEE TRAINING NOT ADEQUATE
138361	6HV1013	10/2/2007	9336	HMBP NOT AVAILABLE FOR REVIEW
138361	6HV0402	3/9/2006	6865	TRAINING PROGRAM NOT ADEQUATE
138361	6HV0209	3/9/2006	6864	WASTE ONSITE >90/180/270 DAYS
138361	6HV0407	5/27/2009	8046	EMPLOYEE TRAINING NOT ADEQUATE
138361	6HV1011	10/14/2003	3769	TRAINING RECORDS NOT AVAILABLE
138361	6HV0201	11/21/2000	9729	WASTE CONTAINER NOT CLOSED
138361	6HV1009	1/16/2002	1678	HMBP: INADEQUATE SITE MAP
138361	6HV1003	1/16/2002	1677	HMBP NOT AMENDED W/IN 30 DAYS
138361	6HV0207	11/21/2000	8362	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
138361	6HV0201	11/21/2000	8361	WASTE CONTAINER NOT CLOSED
138361	6HV1011	10/14/2003	5158	TRAINING RECORDS NOT AVAILABLE

138361	6HV0204	10/14/2003	5157	WASTE CONTAINER:IMPROPER MGMT
138361	6HV1009	1/16/2002	3059	HMBP: INADEQUATE SITE MAP
138361	6HV1003	1/16/2002	3058	HMBP NOT AMENDED W/IN 30 DAYS
138361	6HV0407	10/2/2007	9342	EMPLOYEE TRAINING NOT ADEQUATE
138361	6HV0208	3/9/2006	6863	STORAGE AREA: NO WEEKLY INSPECTION

Waste:

221	10/2/2007	WASTE OIL & MIXED OI 9998 UNKNOWN HAZ WST HAUL			221	METAL DRUM 001 RECYCLE
171	10/2/2007	METAL SLUDGE 9998 UNKNOWN HAZ WST HAUL			171	CYLINDER 001 RECYCLE
132	10/2/2007	AQUEOUS SOL'N WITH M 9998 UNKNOWN HAZ WST HAUL			132	PLASTIC DRUM 001 RECYCLE
W007	1/16/2002	UNSPEC OIL CONTAINING WAST ALTERNATIVE DISPOSAL, INC	136 191	LBS	223	METAL DRUMS,55 GALLONS RECYCLE
W004	1/16/2002	INORGANIC SOLID WASTE (OTHE ALTERNATIVE DISPOSAL, INC	200 200	LBS	181	METAL DRUMS,55 GALLONS FILTERS/METAL RECLAI
W003	1/16/2002	AQUEOUS SOL'N WITH METALS ALTERNATIVE DISPOSAL, INC	65 65	GAL	132	METAL DRUMS,55 GALLONS RECYCLE
W001	1/16/2002	WASTE OIL & MIXED OIL ALTERNATIVE DISPOSAL, INC	55 55	GAL	221	METAL DRUMS,55 GALLONS RECYCLE
W007	11/21/2000	UNSPEC OIL CONTAINING WAST ALTERNATIVE DISPOSAL, INC	136 191	LBS	223	METAL DRUMS,55 GALLONS RECYCLE
W006	11/21/2000	ORGANIC SOLIDS (OTHER) ALTERNATIVE DISPOSAL, INC	350 350	GAL	352	METAL DRUMS,55 GALLONS UNKNOWN

W005	11/21/2000	LIQUIDS W NICKEL - R ALTERNATIVE DISPOSAL, INC	650 650	GAL	726	METAL DRUMS,55 GALLONS UNKNOWN
W004	5/25/1999	INORGANIC SOLID WASTE (OTHE ALTERNATIVE DISPOSAL, INC	200 200	LBS	181	METAL DRUMS,55 GALLONS FILTERS/METAL RECLAI
W003	5/25/1999	AQUEOUS SOL'N WITH METALS ALTERNATIVE DISPOSAL, INC	55 55	GAL	132	METAL DRUMS,55 GALLONS RECYCLE
W002	5/25/1999	UNSPECIFIED AQUEOUS SOL'N ALTERNATIVE DISPOSAL, INC	5 20	GAL	135	PLASTIC DRUMS 0-5 GALLONS UNKNOWN
W001	5/25/1999	WASTE OIL & MIXED OIL ALTERNATIVE DISPOSAL, INC	55 55	GAL	221	METAL DRUMS,55 GALLONS RECYCLE

Disclosures:

PR20	138361	68476-85-7	FIRE PRESSURE RELEASE	PROPANE
OXY	138361	7782-44-7	FIRE PRESSURE RELEASE	OXYGEN
OX10	138361	7782-44-7	FIRE PRESSURE RELEASE	OXYGEN
OIL	138361		FIRE CHRONIC	OILS, LUBRICATING
OI15	138361		FIRE CHRONIC	OILS, LUBRICATING
IS09	138361	1310-73-2	ACUTE	ISOPREP 58LT (59% NAOH) AND SODIUM HYDROXIDE (NO MIX)

HY12	138361			1333-74-0	PRESSURE RELEASE ACUTE	HYDROGEN, LIQUIFIED
HEL	138361				PRESSURE RELEASE	HELIUM GAS
HE13	138361				PRESSURE RELEASE	HELIUM GAS
D008	138361	100 25	GAL	0064741657	IMMED HEALTH HAZRD REACTIVE	PLASTIC DRUMS 0-5 GALLONS OAKITE DRAW CLEAN, ALIPHATIC SOLVENT
D007	138361	90 50	LBS	7740-02-0	IMMED HEALTH HAZRD	BAGS: BRLAP,CLOTH,PAPER,PLSTIC NICKEL ROUNDS
D006	138361	50 50	LBS	13770-89-3	IMMED HEALTH HAZRD	BAGS: BRLAP,CLOTH,PAPER,PLSTIC SNAC SULFAMATE, BARRET SN
D005	138361	250 125	CFT	7727-37-9	SUDDN RLSE OF PRES IMMED HEALTH HAZRD	CYLINDERS NITROGEN, LIQUIFIED NITROGEN
D004	138361	250 125	CFT	1333-74-0	SUDDN RLSE OF PRES IMMED HEALTH HAZRD	CYLINDERS HYDROGEN, LIQUIFIED NITROGEN
D003	138361	625 125	CFT	74440-37-1	SUDDN RLSE OF PRES FIRE HAZARD	CYLINDERS ARGON-CARBON DIOXIDE: MIGMIX
D002	138361	500 125	CFT	7782-44-7	SUDDN RLSE OF PRES FIRE HAZARD	CYLINDERS OWYGEN

D001	138361	110 GAL 55	1310-73-2	IMMED HEALTH HAZRD	METAL DRUMS,55 GALLONS ISOPREP 58LT (59% NAOH)
ARG	138361		7440-37-1	PRESSURE RELEASE ACUTE	ARGON GAS
AR18	138361		7440-37-1	PRESSURE RELEASE ACUTE	ARGON GAS
AR11	138361		74440-37-1	FIRE PRESSURE RELEASE	ARGON-CARBON DIOXIDE: MIGMIX
ACE	138361		74-86-2	FIRE PRESSURE RELEASE	ACETYLENE GAS
AC19	138361		74-86-2	FIRE PRESSURE RELEASE	ACETYLENE GAS

SAM Releases:

Tanks:

LandBank Properties, L.L.C.

C/o The LandBank Group, Inc.
4171 Essen Lane
Baton Rouge, LA 70809
Phone: 225-987-7772
Fax: 225-987-3059

April 29, 2021

Lara Quetin
California Regional Water Quality Control Board, San Diego Region
2375 Northside Drive, Suite 100
San Diego, California 92108

Re: Annual Report: April 2020 to March 2021, Monitoring and Reporting Program No. R9-2017-0114 and Cleanup and Abatement Order R9-2003-0080, Waste Management Containment Cell, Former Omar Rendering Site, 1886 Auto Park Place, Chula Vista, CA, 91911. RWQCB Reference Number L10003156547: lquetin

Ms. Quetin:

Otay Mesa Ventures II, L.L.C. (OMV) is pleased to deliver the enclosed 2021 Annual Report for the Former Omar Rendering Site in Chula Vista, California. This report was prepared in accordance with the requirements of Regional Water Quality Control Board (RWQCB) Monitoring and Reporting Program R9-2017-0114 and Cleanup and Abatement Order (CAO) R9-2003-0080, and CAO Addenda No. 1 and 2. Groundwater monitoring wells were sampled in August 2020 and January 2021 with the samples analyzed at Eurofins/Calscience Environmental Laboratories, Inc. in Garden Grove, California.

Issues of note include the following:

- Maintenance issues corrected during the current monitoring period included replacing locks, clearing vegetation around the wells, and clearing the access route and area surrounding MW-17.
- Analytical results remained relatively consistent with previous monitoring events across the site. The main constituent of concern, trichloroethene (TCE), has continued to remain above screening levels in background well MW-13. Program well results remained well below concentrations observed at background well MW-13. TCE will continue to be carefully monitored across the site.
- The metal and general chemistry results from wells MW-02, MW-03, MW-08 and MW-13 continue to show that the system monitoring wells (both upgradient and downgradient) exceed the Basin Plan Water Quality Objectives for the Otay Hydrologic Subunit. However, these exceedances appear to be the result of naturally occurring water variability rather than contributions from the waste management unit.

- South of the site, temporary well location TPMW-01 was not sampled during the August 2020 event due to beehives in the area. During the January 2021 event, the location was sampled, and TCE was detected at a concentration of 6.3 µg/L. Concentrations of TCE will continue to be carefully monitored at TPMW-01 in future events.
- A homeless encampment was reported around MW-17 during both semiannual inspections. APTIM maintenance crews attempted to clear some of the area in July 2020; however, the encampment had grown considerably between inspections. The well was unable to be sampled during the January 2021 event due to the inhabitants of the area and safety concerns of the samplers.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Sincerely,

OTAY MESA VENTURES II, L.L.C.

By: LandBank Properties, L.L.C., its sole member

Amy Martinez

By: Amy Martinez
Authorized Representative

Enclosures (1)

C: Matthew Curtis, Aptim Environmental & Infrastructure, LLC

Reference: Otay Mesa Ventures II, L.L.C. (OMV), 2021. *Annual Report: April 2020 to March 2021, Former Omar Rendering Site, Waste Management Containment Cell*, Prepared by APTIM for OMV. April.

ANNUAL REPORT: APRIL 2020 TO MARCH 2021

FORMER OMAR RENDERING SITE
WASTE MANAGEMENT CONTAINMENT CELL

Regional Water Quality Control Board
Monitoring and Reporting Program R9-2017-0114
And Cleanup and Abatement Order R9-2003-0080

Prepared for
Otay Mesa Ventures II, L.L.C.
4171 Essen Lane
Baton Rouge, LA 70809

Prepared by

Aptim Environmental & Infrastructure, LLC
1230 Columbia Street, Suite 600
San Diego, California 92101

RWQCB: L10003156547
LAND 06-0215.05
APTIM Project No. 102405

April 2021

Report Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

4/28/2021

Matthew Curtis PG# 6988 Date
Project Manager
Aptim Environmental & Infrastructure, LLC



Table of Contents

List of Figures iii
List of Tables iii
List of Appendices iii
Acronyms and Abbreviations iv

1.0 Introduction 1-1
1.1 Monitoring Program 1-1
1.2 Report Organization 1-2
2.0 Background Information 2-1
2.1 Geology 2-2
2.2 Hydrogeology 2-2
2.3 Conceptual Site Model 2-2
2.4 Regulatory Comments 2-4
2.5 Compliance Record 2-4
2.6 Planned Activities 2-4
3.0 Methods 3-1
3.1 Monitoring System 3-1
3.2 Sampling Method 3-1
3.3 Analytical Parameters 3-2
3.4 Waste Disposal 3-3
4.0 Groundwater Monitoring 4-1
4.1 Groundwater Elevations 4-1
4.2 Laboratory Analyses 4-2
4.3 Groundwater Analytical Results 4-2
4.3.1 Volatile Organic Compounds 4-2
4.3.2 Metals and General Chemistry 4-4
4.3.3 Semivolatile Organic Compounds 4-5
5.0 Discussion 5-1
5.1 Historic Groundwater Elevations 5-1
5.2 Historic Groundwater Analytical Results – Program Wells 5-2
5.3 Historic Groundwater Analytical Results – CAO Wells 5-3
5.4 Site Maintenance Inspection 5-7
6.0 Conclusion and Recommendations 6-1
7.0 References 7-1

List of Figures

Figure 1 Site Vicinity Map
Figure 2 Groundwater Elevation and Contour Map, Fall 2020
Figure 3 Groundwater Elevation and Contour Map, Spring 2021
Figure 4 Waste Cell Site Map
Figure 5 Topographic Zones
Figure 6 Cross Sections A-A' and B-B'
Figure 7 Trichloroethene (TCE) Concentrations and Contour Map, Fall 2020
Figure 8 Trichloroethene (TCE) Concentrations and Contour Map, Spring 2021

List of Tables

Table 1 Reporting Requirements of the Monitoring and Reporting Program
Table 2 Constituents for Monitoring and Reporting Program, RWQCB Order R9-2017-0114 and CAO R9-2003-0080
Table 3 Summary of Field Parameters – August 2020 and January 2021
Table 4 Summary of Volatile Organic Compounds - August 2020 and January 2021
Table 5 Summary of Metals and General Chemistry Parameters - August 2020 and January 2021
Table 6 Summary of Semivolatile Organic Compounds - August 2020 and January 2021
Table 7 Summary of Quality Control Samples - August 2020 and January 2021

List of Appendices

Appendix A Time-Series Plots
Appendix B Hydrographs
Appendix C Groundwater Sample Collection Logs
Appendix D Laboratory Certificate of Analysis and Chain-of-Custody Records
Appendix E Waste Manifests and Drum Sample Analytical Data
Appendix F Data Quality Assessment
Appendix G Semiannual Field Inspection Logs

Acronyms and Abbreviations

1,1-DCA	1,1-dichlorethane
1,1-DCE	1,1-dichlorethene
1,2-DCA	1,2-dichlorethane
1,1,2-TCE	1,1,2-trichloroethane (1,1,2-TCE)
µg/L	micrograms per liter
APTIM	Aptim Environmental & Infrastructure, LLC
CAO	Cleanup and Abatement Order
CB&I	CB&I Federal Services LLC
cis-1,2-DCE	cis-1,2-dichloroethene
ESL	environmental screening level
ft/day	feet per day
ft/ft	feet per foot
MCL	maximum contaminant level
msl	mean sea level
OMV	Otay Mesa Ventures II, L.L.C.
OVIP	Otay Valley Industrial Park
PCE	Tetrachloroethene
RWQCB	California Regional Water Quality Control Board, San Diego Region
SAM	Site Assessment and Mitigation
SDCDEH	San Diego County Department of Environmental Health
Shaw	Shaw Environmental & Infrastructure, LLC
SVOC	semivolatile organic compound
TBA	tert-Butanol
TCE	Trichloroethene
VOC	volatile organic compound

1.0 Introduction

This annual report describes the results of the April 2020 through March 2021 annual and semiannual monitoring performed at the Former Omar Rendering Site in Chula Vista, California (Figure 1) as required by the California Regional Water Quality Control Board, San Diego Region (RWQCB). The monitoring oversight and reporting was performed by Aptim Environmental & Infrastructure, LLC (APTIM), on behalf of Otay Mesa Ventures II, L.L.C. (OMV). Monitoring and reporting activities were designed to comply with Monitoring and Reporting Program No. R9-2017-0114 (RWQCB 2017a) as well as the companion Cleanup and Abatement Order (CAO) R9-2003-0080 (RWQCB 2003) and addenda (RWQCB 2007 and 2017b).

Table 1 provides an index of the site monitoring submittal requirements in RWQCB Program No. R9-2017-0114 and CAO R9-2003-0080 and references the section of this report where each requirement is discussed. Table 2 provides a list of constituents required by orders R9-2017-0114 and CAO R9-2003-0080.

1.1 Monitoring Program

Program No. R9-2017-0114 specifically requires semiannual monitoring of four wells under the Monitoring and Reporting Program: MW-02, MW-03, MW-08, and MW-13 (known hereafter as the "program" wells). These wells monitor for a potential release from the waste containment cell located in the northwest corner of the Former Omar Rendering Site (Figures 2 through 5).

CAO R9-2003-0080 Addendum No.1 was approved by the RWQCB in April 2007 (RWQCB 2007). The CAO addendum requires semiannual sampling and analysis of wells: MW-16, MW-17, MW-18, MW-20, and MW-21R. Wells MW-22, MW-23, and MW-24, installed in 2010 and 2011, are additionally sampled as part of the CAO monitoring suite. The remaining site wells: MW-01R, MW-04, BGW-02, SVGW-10/SVGW-10R, MW-09, MW-10, MW-19, MW-07, and MW-11 are not required to be sampled for water quality, but are monitored for groundwater elevations (Figures 2 and 3).

Reporting requirements were updated in Program R9-2017-0114 and Addendum No.2 of the CAO by the RWQCB in August 2017. Requirements were revised from semiannual reporting to annual reporting only (RWQCB 2017a and 2017b).

Former monitoring wells MW-14, MW-15A, MW-15B, and MW-25 were abandoned in 2013 and are no longer part of the monitoring system. Well abandonment documentation was reported for wells MW-14, MW-15A, and MW-15B in the April 2013 Annual Report (Shaw Environmental & Infrastructure, LLC. [Shaw]-CB&I Federal Services LLC [CB&I] 2013a).

Documentation for the MW-25 well abandonment was reported in a Monitoring Well Destruction Report to the County of San Diego (Shaw-CB&I 2013b) and in the October 2013 Semiannual Report (Shaw-CB&I 2013c).

The current SVGW-10R location was previously monitored for groundwater elevation as SVGW-10. The original well became obstructed and was reconstructed in August 2016. Following reconstruction, this well was sampled for data confirmation in August 2016 and February 2017. High pH levels were recorded, and the well was redeveloped in August 2017 and resampled in August 2017 and February 2018. In accordance with RWQCB comments, if this location should be used for future sample collection, the well will be replaced (RWQCB 2018; Landbank 2018).

1.2 Report Organization

In accordance with regulatory guidelines, an annual monitoring report is submitted in April of each year. Semiannual reporting is no longer required per guidance in R9-2017-0114 and Addendum No.2 of the CAO (RWQCB 2017a and 2017b, respectively). Report requirements are noted in Table 1, and constituents for the monitoring program are shown in Table 2. Groundwater elevation data and field parameters are presented in Table 3. Tables 4 through 7 summarize analytical results from the most recent sampling event.

A graphical representation of the historic data from site wells is presented in time-series plots in Appendix A. Historic groundwater elevation and precipitation data are presented in hydrographs in Appendix B. Groundwater sample collection logs from the most recent annual monitoring period are provided in Appendix C. Analytical data reports for sampled wells are presented in Appendix D, and analytical data from wastewater samples are included in Appendix E. Data quality was assessed in Appendix F, and site inspection documents are provided in Appendix G.

2.0 Background Information

Prior to 1980, the contents of six former Class I waste ponds (Figures 2 and 3) were removed and disposed at a permitted off-site location. In 1981, the impacted soil from beneath the Class I waste ponds was placed in a lined and capped waste cell in the northwest corner of the site, in accordance with RWQCB Order No. 80-06 (RWQCB 1980). Subsequently, the waste cell was maintained per RWQCB Order No. 87-141 (RWQCB 1987), which was replaced by RWQCB Order No. 97-40 (Waste Discharge Requirements for Closure and Post-closure Maintenance of the Waste Cell, RWQCB 1997). The monitoring and reporting program associated with Order 97-40 was superseded by R9-2017-0114 (RWQCB 2017a). Program R9-2017-0114 requires semiannual groundwater monitoring and periodic monitoring and maintenance of the cap and surface water control features with annual reporting.

The waste cell was designed to have the following physical properties:

- Approximate waste cell area: 5 acres.
- Stratigraphy, approximate depth below grade (City of Chula Vista 1982).
  - 0 - 6 feet: clean soil cover.
  - 6 - 9 feet: compacted clay cap.
  - 9 - 53 feet: compacted soil waste.
  - 53 - 56 feet: compacted clay liner (base is at an approximate elevation of 155 feet above mean sea level [msl]).
- The bottom of the waste cell is greater than 25 feet above the groundwater table (the water table is encountered at an elevation of approximately 120 to 132 feet above msl in the vicinity of the waste cell).
- Clay material used for liners was analyzed and determined to have a permeability of less than 1E-06 centimeters per second, and compacted to 90 percent relative compaction (Geocon, Inc. 1982).
- The material placed in the waste cell was primarily impacted soil excavated from beneath the former Class I ponds and rendering waste ponds (pond contents were removed off-site); consequently, the material is assumed to have a low organic content and have low potential for generating methane gas.

The waste cell contents were compacted to at least 90 percent relative compaction (Geocon, Inc. 1982). A waste cell site map indicating the limits of waste is included as Figure 4.

In 2016, the top of the waste cell at 1886 Auto Park Place was paved for use as a parking lot for vehicle storage. The surface of the waste cell is maintained by the property owner. The existing aerial photograph shown on Figure 5 indicates the location of the waste cell and surrounding zones.

2.1 Geology

The site geology generally consists of fill soil overlying two *in situ* geologic units. The Sweetwater Formation is found above an approximate elevation of 150 feet above msl, and consists of thick, massive beds of hard clay and dense, silty and clayey sand. Some clay beds have a high percentage of bentonite clay. The Mission Valley Formation is found below an approximate elevation of 150 feet above msl and is primarily massive beds of dense, silty, fine sand. The fill soil is primarily reworked Sweetwater Formation. Cross-sections indicating site geology are included as Figure 6.

2.2 Hydrogeology

Groundwater at the site primarily occurs in an unconfined aquifer consisting of silty, fine sands within the Mission Valley Formation and alluvium. The Omar site is located within the Otay Valley Hydrologic Subunit (10.20) of the Otay Hydrologic Unit (RWQCB 1994). The Otay Valley Hydrologic Subunit is designated as having existing beneficial uses for municipal, agricultural, and industrial use (RWQCB 1994).

Groundwater beneath the site flows within the Mission Valley Formation and alluvium to the south-southwest, toward the axis of the Otay River Valley. Groundwater directly beneath the river valley is expected to flow westward within the river valley alluvium.

As described in the Comprehensive Site Investigation Report (Shaw 2010a), groundwater velocities in the area are highly variable. Velocities range from less than one foot per year to over 100 feet per year across the Omar site and surrounding properties. Historically, velocities south of the waste cell have been low at approximately 21 feet per year, and velocities south of the former waste pits have been less than 50 feet per year. South of Main Street, velocities increase locally to over 100 feet per year (Shaw 2012). Current groundwater elevations and velocities across the site are reported in Section 4.1.

2.3 Conceptual Site Model

The conceptual site model was updated in 2012 and reported in the Supplemental Report of Comprehensive Site Investigation (Shaw 2012). The model concludes the following:

- Residual impacted soil is encapsulated within the waste cell and beneath the former ponds. The potentially impacted soil remaining in place covers an approximate 5-acre

subarea. Due to the depth of burial, direct human contact with impacted soil has not been a concern.

- The groundwater beneath the Omar site has been impacted with volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and inorganic constituents. The VOCs impacting groundwater are primarily the chlorinated solvents Trichloroethene (TCE) and tetrachloroethene (PCE).
- Residual concentrations in soil and groundwater at the site are unlikely to pose a significant risk to future occupants of a commercial/industrial building or to nearby residents.
- Modeling results show the southern extent of contamination is defined by MW-17 and temporary well point TPMW-01, the western extent is defined by MW-18, and the eastern extent is defined by OVIP-02. Based on the results from MW-22 and former well MW-25, the northern extent is near the northern boundary of the site.
- The vertical extent of contamination is well-defined at the southern (downgradient) portion of the property based on data obtained in cluster wells MW-09, MW-20, and MW-10.
- Microbial degradation of chlorinated organic compounds is occurring in the groundwater system below the former waste pits where reducing conditions exist. The data from deep well MW-21R is strongly indicative of microbial degradation of chlorinated compounds in the deeper parts of the groundwater system.
- As TCE migrates to the south into aerobic groundwater conditions, any microbial degradation is occurring at a slower rate so that the degradation is not reflected in any of the indicator parameters or daughter products. However, as the TCE migrates back into the anaerobic conditions in the riverbed, degradation is occurring.
- Modeling results show the potential impact the TCE plume may have on water quality in the Otay River alluvium to be 4 micrograms per liter (µg/L).

Contamination north of the former ponds (MW-13) is likely due to a previous migration from the former ponds. The model indicates that a groundwater mound was created during operation of the ponds which may have pushed contaminants northward against the regional gradient. Radial flow from the mound temporarily reversed the gradient on the north side of the ponds pushing VOC contaminated water to the northwest (upgradient from the background well, MW-13). When the ponds were cleaned and liners removed, the mound mostly dissipated, and groundwater resumed its normal flow to the south. However, remnant concentrations may have been left in the northern portion of the property. Groundwater flow has been regularly monitored to flow south over the past 20 years.

2.4 Regulatory Comments

Comments from the RWQCB were received on July 30, 2020 following review of the Annual 2020 Monitoring Report (OMV 2020a). The Board requested a new TCE concentration map (RWQCB 2020). Comments were addressed, and TCE concentration maps are included herein as Figures 7 and 8.

2.5 Compliance Record

The following section includes compliance activities conducted at the site during this annual monitoring period.

- RWQCB comments on the 2020 Annual Report were addressed in a Response to Comment document uploaded to Geotracker on October 2, 2020 (OMV 2020b).
- Figures showing the TCE concentrations have been added to this report in response to the RWQCB comment. Figure 7 presents data collected in August 2020, and Figure 8 reflects the data collected in January 2021.

2.6 Planned Activities

Sampling and site inspections will continue semiannually and be reported annually in accordance with Program R9-2017-0114 (RWQCB 2017a). Additional waste cell best management practices will continue to be inspected, maintained, and reported in accordance with the site Industrial Stormwater Pollution Prevention Plan and addendum (CB&I 2016; APTIM 2018).

3.0 Methods

The following section describes groundwater monitoring and sample collection methods.

3.1 Monitoring System

Groundwater chemistry was most recently monitored at the site in four program wells (MW-02, MW-03, MW-08, and MW-13) and seven CAO wells (MW-16, MW-18, MW-20, MW-21R, MW-22, MW-23, and MW-24). One additional downgradient temporary well location, TPMW-01, was also sampled during the January 2021 event; however, the temporary location was inaccessible due to beehives during the August 2020 event. Well locations are shown on Figures 2 and 3. CAO well MW-17 was not sampled during the January 2021 event due to safety concerns with a homeless encampment at the well; however, the well was sampled during the August 2020 event.

The program wells are used to monitor the containment cell area. Well MW-13 is the original upgradient program monitoring well, and wells MW-02, MW-03, and MW-08 are the program monitoring wells located downgradient of the waste cell.

The CAO wells are used to monitor residual groundwater impacts from former waste pond operations. Nine additional CAO wells are monitored for groundwater elevation only (BGW-02, MW-01R, MW-04, MW-09, MW-10, MW-19, MW-07, MW-11, and SVGW-10R). Personnel could not access the MW-11 location during the January 2021 event because new locks were installed by the property owner.

3.2 Sampling Method

A low-flow purge and sampling method was used during this monitoring event. The low-flow method involved the removal of water directly from the screened interval at low enough flow rates to maintain minimal drawdown and avoid disturbing any stagnant water above the screen. Sampling is conducted in accordance with San Diego County, Department of Environmental Health (SDCDEH) Site Assessment and Mitigation (SAM) guidelines (SDCDEH 2004 and updates including the updated SAM Section 5 Site Investigation Techniques [2011]).

Prior to sampling, each groundwater monitoring well was measured to determine depth to static water. Dedicated discharge lines were used at each well, and pumping equipment was properly cleaned before use to prevent cross-contamination of samples. A low-flow/bladder pump was installed in each well at the mid-point of the screened interval. As groundwater pumped through the flow-through cell, field parameters such as pH, specific conductivity, temperature, dissolved oxygen, and oxidation-reduction potential were measured to verify stabilization and recorded on sample collection logs (Appendix C).

Groundwater in each well was sampled directly from the dedicated discharge line immediately after purging. Samples were placed into new, pre-preserved containers provided by the analytical laboratory. Sample bottles were labeled, sealed in plastic bags, stored on ice, and transported in a cooler to the laboratory via courier using chain-of-custody procedures. Laboratory analyses were performed by Eurofins Calscience, Inc. in Garden Grove, California. This laboratory is certified under the State Water Resources Control Board Environmental Laboratory Accreditation Program. Appendix D contains the analytical reports for wells sampled during this monitoring event.

Groundwater was sampled from one additional temporary well point (TPMW-01) located off-site to the south during the January 2021 event. The temporary point was installed using a drive-point piezometer. Because the soil in this downgradient location was filled with river rock (between 2-to-3 inches and 8-to-10 inches in diameter), rock was removed by hand prior to installing the point. Once the area was cleared, the point was driven approximately 3 feet below ground surface. After reaching total depth, the point was pulled back, and the sleeve was released to open the screen. The point was then purged and sampled using the low-flow sampling method. Following sample collection, the temporary point was abandoned in accordance with SDCDEH guidelines. The temporary well location was located south of off-site well MW-16 (Figures 2 and 3). The temporary point was unable to be accessed during the fall 2020 sampling event due to beehives located across the area.

3.3 Analytical Parameters

According to Monitoring and Reporting Program R9-2017-0114 and Order 97-40, all groundwater samples from program wells are to be analyzed for VOCs, SVOCs, metals, and general chemistry semiannually. All CAO sampling wells following the guidelines of the CAO R9-2003-0080 are to be analyzed for VOCs and general chemistry semiannually, metals annually for the first three years following installation then every two years thereafter, and SVOCs every 5 years.

During the August 2020 and January 2021 sampling events, program wells were analyzed for VOCs, SVOCs, metals, and general chemistry. In August 2020 and January 2021, CAO wells were analyzed for VOCs and general chemistry. At these locations, metals are analyzed, at a minimum, every two years and SVOCs every 5 years. During this monitoring period, metals were analyzed at all sampled wells for informational purposes. These locations shall next be analyzed for metals in spring 2023 in accordance with the CAO. SVOCs are also scheduled to be analyzed at CAO wells in spring 2023; SVOCs were previously analyzed at the CAO wells in February 2018. Table 2 shows a list of constituents for Program R9-2017-0114 and CAO R9-2003-0080.

3.4 Waste Disposal

Waste disposal during the current monitoring period included the removal of purged groundwater from each of the fall 2020 and spring 2021 semiannual sampling events. The groundwater waste was temporarily contained on-site in a 55-gallon drum pending analysis and off-site disposal. The drum from the August 2020 sampling event was transported as non-hazardous waste by Patriot Environmental Services, Inc. to Patriot Wastewater/Patriot Environmental Services in Anaheim, California on November 3, 2020. The drum from the January 2021 event was transported as non-hazardous waste by Patriot Environmental Services, Inc. to U.S. Ecology in Beatty, Nevada on February 25, 2021. Waste manifests and the drum sample analytical data are included in Appendix E.

4.0 Groundwater Monitoring

The following section is a review of groundwater data collected during the current annual reporting period.

4.1 Groundwater Elevations

Groundwater levels were measured on August 11 and 12, 2020 for the fall event and on January 19 and 20, 2021 for the spring event (Table 3). Groundwater elevation contour maps are illustrated in Figures 2 and 3. Groundwater elevations across the site vary considerably. Elevations of groundwater north of the waste cell are approximately 183 feet above msl at MW-11 and 197 feet above msl at MW-22. The elevation of groundwater across the site ranges from approximately 138 feet above msl at the northern terraces to approximately 95-99 feet above msl south of Main Street. Overall, groundwater flows in a south to southwest direction across the site toward the Otay River. Groundwater directly beneath the river valley axis is assumed to flow westward within the Quaternary alluvium.

Hydraulic gradients at the site are highly variable north and south of the former waste ponds. The gradient from background well, MW-13, to the southern boundary at MW-20 is approximately 0.01 feet per foot (ft/ft) to the south. Hydraulic gradients from the former waste pond area (BGW-02) to MW-20 south of the site, as well as beyond to southern well MW-16 are approximately 0.02 ft/ft to the south.

Figures 2 and 3 show the area of the former ponds as relatively flat across Terraces 1, 2, and 3 with a gradient ranging from 0.001 to 0.01 ft/ft. The shallow gradient in this area may reflect the remnants of the mound created by those former ponds.

The area north of the ponds is relatively steep with a topographic elevation difference of approximately 65 feet between wells MW-22 and MW-13 with a hydraulic gradient of approximately 0.24 ft/ft to the south. The steep gradient between the upslope wells (MW-11 and MW-22) and the program wells is considered a function of the relatively high rate of infiltration/recharge from the housing at the top of the slope and the steep slope itself. The recharge beneath the irrigated area around the housing has created a mound within the less permeable Sweetwater Formation. As the water table reaches the terraces, it is within or closer to the more permeable Mission Valley Formation, and the contours flatten out in response to the faster drainage in that formation.

Using a constant porosity of 0.20 and an average hydraulic conductivity of 0.35 feet per day (ft/day) as calculated in the Supplemental Report of Comprehensive Site Investigation

(Shaw 2012), the average velocity of groundwater across the site is approximately 0.02 ft/day (6.39 feet per year).

4.2 Laboratory Analyses

Samples collected during this monitoring period were analyzed by Eurofins Calscience, Inc. in Garden Grove, California. Completed chain-of-custody forms and laboratory data reports for each sample are included in Appendix D, and data results are summarized in Tables 4 through 7. Applicable maximum contaminant levels (MCLs; RWQCB 2018) and Environmental Screening Levels (ESLs; RWQCB 2019d) are included for comparison on Tables 4, 5, and 6. Chain-of-custody forms and laboratory data reports for drum wastewater samples are included in Appendix E.

Program wells are sampled semiannually for VOCs (Table 4), metals and general chemistry (Table 5), and SVOCs (Table 6). The program wells monitor for a potential release from the waste containment cell and include three wells south of the waste cell (MW-02, MW-03, and MW-08), and one background well (MW-13). Each of the other sampled wells are analyzed for VOCs and general chemistry semiannually (Tables 4 and 5, respectively). At these locations, metals are analyzed, at a minimum, every two years and SVOCs every 5 years. During this monitoring period, metals were analyzed at all sampled wells and are reported in Table 5.

A discussion of laboratory analyses and data quality assessment for the August 2020 and January 2021 sampling events are further discussed in Appendix F. Analytical data associated with the site will be uploaded to the State Water Resources Control Board's Geotracker website.

4.3 Groundwater Analytical Results

A summary and discussion of the results from the current monitoring period at the Former Omar Rendering site are provided herein.

4.3.1 Volatile Organic Compounds

TCE, PCE, cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichlorethane (1,1-DCA), and 1,1-dichlorethene (1,1-DCE) are the main VOC constituents of concern detected in the site wells. Additional VOCs historically reported in site wells (particularly in wells located near the former ponds) include chloroform, 1,2-dichlorethane (1,2-DCA), 1,1,2-trichloroethane (1,1,2-TCE), and tert-Butanol (TBA). Concentrations of VOCs detected in site wells are summarized below by well and shown in Table 4. Screening levels are included in the table for reference. Concentrations of TCE are also presented on contour maps included as Figures 7 and 8. Due to high target analyte (TCE) concentrations in wells MW-21R, MW-23, and MW-24, dilutions were required for analysis; reporting limits for not-detected analytes were elevated due to the dilutions.

Results of VOC analyses are summarized and discussed below.

- Background well, MW-13, has shown stable concentrations of TCE during the 2020-2021 monitoring period. Concentrations remain above the TCE screening levels (MCL of 5 µg/L and ESL of 1.2 µg/L). Concentrations of other constituents of concern at MW-13 remain relatively stable though concentrations surpass screening levels for 1-1-DCA, chloroform, cis-1,2-DCE, and PCE.

- VOCs remained relatively consistent at program well MW-02 with concentrations exceeding ESLs for chloroform (1.3 µg/L during the August 2020 and January 2021 events), PCE (0.71 µg/L [January 2021]), and TCE (1.6 µg/L [January 2021]. MCLs were not exceeded at MW-02 during this monitoring period.

- Program well MW-03 yielded a detectable concentrations of TCE and chloroform below respective screening levels during the 2020-2021 monitoring period. TCE was reported at 0.52 µg/L [August 2020] and an estimated 0.35 [January 2021]), and chloroform was reported at 0.55 and 0.50 µg/L in August and January, respectively.

- Program well MW-08 yielded an estimated detection of 1,1-DCA below the ESL during the August 2020 event (0.093 µg/L). TCE was also detected during both 2020-2021 events, above the ESL in August 2020 (1.6 µg/L) and below the ESL in January 2021 (1.0 µg/L). MCLs were not exceeded at MW-08 during this monitoring period.

- Downgradient off-site well, MW-16, shows decreasing concentrations of VOCs yielding results below ESLs with the exception of 1,1-DCE, PCE, and TCE. 1,1-DCE was detected at an estimated concentration of 4.4 µg/L in August 2020. TCE was detected at 44 µg/L [August 2020] and 28 µg/L [January 2021]). PCE was detected at 1.4 µg/L [August 2020] and 0.91 µg/L [January 2021]. MCLs were not exceeded at MW-16 except for TCE.

- Southern well MW-17 had no VOC constituent of concern detections above the reporting limits during the current monitoring period with the exception of 3.5 µg/L during the August 2020 event. The well was inaccessible for sampling during the January 2021 event.

- Concentrations at western well, MW-18, remained stable during the current monitoring period. The ESLs for TCE (1.2 µg/L) and PCE (0.64 µg/L) were exceeded during both events. TCE was detected at concentrations of 3.7 µg/L and 4.3 µg/L in August 2020 and January 2021, respectively. PCE was detected at 1.1 µg/L [August 2020] and 1.0 µg/L [January 2021]). Estimated concentrations of chloroform and 1,1-DCA were detected at MW-18 below screening levels during the August 2020 event. MCLs were not exceeded at MW-18 during this monitoring period.

- Downgradient well MW-20 exceeded the screening levels for TCE with concentrations of 13 µg/L and 16 µg/L in August 2020 and January 2021, respectively. PCE was detected at 0.51 µg/L in August 2020 and above the ESL at 0.75 µg/L during the January 2021 event. Estimated detections of 1,1,2-TCE, 1,1-DCA, and chloroform were reported below respective screening levels.

- Reconstructed well MW-21R, along the south side of the former ponds on Terrace 1, showed increased concentrations of constituents of concern during the current monitoring period. Screening levels were surpassed for multiple constituents. Due to high concentrations of TCE (8,000 µg/L [August 2020] and 9,300 µg/L [January 2021]), dilutions were required for analysis. Therefore, reporting limits for VOCs were increased and reported accordingly.

- Concentrations at the northernmost upgradient well, MW-22, were generally consistent with historic detections. Screening levels were exceeded for TCE, vinyl chloride, cis-1,2-DCE, and 1,1-DCA. TCE concentrations were reported at 17 µg/L and 16 µg/L during the August 2020 and January 2021 events, respectively.

- Well MW-23, located on the east side of the site, showed increased concentrations of TCE during the current monitoring period. TCE was detected above screening levels at concentrations of 9,100 µg/L in August 2020 and 7,800 µg/L in January 2021. Due to these high concentrations of TCE, dilutions were required for the VOC analyses, and reporting limits were elevated. Screening levels were also exceeded at reported concentrations for 1,1-DCA, 1,1-DCE, chloroform, and cis-1,2-DCE.

- Well MW-24 at the northeast corner of the site produced generally consistent results during the current monitoring period. Due to high concentrations of TCE (4,500 µg/L [August 2020] and 4,200 µg/L [January 2021]), dilutions were required for analysis. Therefore, reporting limits for VOCs were increased and reported accordingly. Reported concentrations for 1,1-DCA, 1,1-DCE, 1,2-DCA, benzene, chloroform, dichloromethane, and TBA also exceeded screening levels.

- Temporary well TPMW-01, located downgradient of the site, was sampled in January 2021; however, the well area was inaccessible during the August 2020 event. Results from January 2021 reported concentrations of TCE above the screening levels at 6.3 µg/L and of cis-1,2-DCE at an estimated 0.66 µg/L during the January 2021 event. Additional VOCs were not detected above respective screening levels.

In summary, VOC constituents of concern remained relatively consistent at program wells when compared to previous monitoring periods. Concentrations of TCE in program wells remain below those concentrations observed at the background well. Although concentrations of TCE at the downgradient program wells have not exceeded MCLs, some results did exceed ESLs. Similarly, screening levels of TCE were exceeded at the background program well and many of the CAO wells. Therefore, concentrations of TCE will continue to be carefully monitored in future events. Table 7 summarizes quality control results for samples collected during this event, and the data quality assessment is included as Appendix F.

4.3.2 Metals and General Chemistry

Samples from program wells exceeded MCLs and/or ESLs in some metals and general chemistry constituents; however, the current concentrations are relatively consistent with previous results.

CAO wells are scheduled for metals analysis every two years at a minimum. Metals were most recently analyzed for informational purposes during the current monitoring period and are scheduled for future analysis during the spring of 2023. Table 5 summarizes current metals and general chemistry results, and Appendix A presents historic results graphed in time-series plots.

4.3.3 Semivolatile Organic Compounds

Program well samples were analyzed for SVOCs and were not detected during the fall 2020 and spring 2021 monitoring period (Table 6).

CAO wells are scheduled for SVOC analysis every five years and were not analyzed for SVOCs during the current monitoring period. SVOCs were last analyzed at CAO wells in February 2018 and are scheduled for next analysis in spring 2023.

5.0 Discussion

The following section is a review of analytical data collected to date.

5.1 Historic Groundwater Elevations

Historic groundwater elevation data and precipitation data (National Weather Service, 2020-2021 and Western Regional Climate Center, 2020-2021) are provided in hydrographs (Appendix B). As indicated in the graphs, groundwater monitoring wells have had relatively constant water levels since their construction, with the following observations:

- The relatively high total precipitation in 1993 apparently led to a corresponding increase in groundwater elevation in several wells.
- Wells MW-02, MW-03, and MW-08 experienced increases in water levels since 2003, which coincides with, and may be due to, the installation of irrigation around the waste cell following development of the property.

Historic groundwater level data indicate that annual precipitation cycles have caused an annual water level variation of approximately four feet across the site. Multi-year climate cycles have not caused notable changes in the groundwater elevations beneath the terraces; however, they have historically caused variations of up to 10 feet beneath the lowland. The wells in the lowland display greater variation in water level because the aquifer is locally overlain by the relatively thinner and higher permeability sediments of the Quaternary alluvium, and the lowland area is closer to the Otay River valley.

An overall review of wells screened across the water table suggests the unconfined surface dips generally to the south, toward the river. However, some wells may represent discontinuities in the aquifer. As reported in the Supplemental Report of Comprehensive Site Investigation (Shaw 2012), a consistent upward hydraulic gradient has been observed beneath the terraces in the vicinity of cluster wells MW-02, MW-03, and MW-08. Beneath the lowland, a consistent downward hydraulic gradient has been observed in the MW-09 and MW-10 well pair, and a strong downward gradient of -0.45 ft/ft exists in the vicinity of BGW-02 and MW-21R. These gradients may be due to the deeper wells (MW-09 and MW-21R) being screened within a faster-draining, coarse-grained formation (Mission Valley) as shown in the cross-sections on Figure 6. The gradient at BGW-02 may be the result of a slower-draining, semi-perched layer that is in horizontal contact with the uppermost aquifer.

These gradients might also be explained by the site history. The waste ponds used in the 1960s and 70s likely acted as a source of recharge to the aquifer and created a groundwater mound in the center of the site. Once the ponds were removed in 1980, the recharge would have ceased,

and the groundwater would have begun to return to the original gradient with an overall southerly flow. This mounding and subsequent removal of the recharge source would provide the following explanation, “During the time that the ponds were active, the groundwater mound could have reversed the gradient directly north of the ponds, pushing contaminates northwards against the overall southerly flow. This would explain how the increased concentrations have been observed on the north end of the site, currently upgradient of the source.”

The anomalous vertical gradients noted above are probably because the local groundwater conditions have not yet completely reached equilibrium.

5.2 Historic Groundwater Analytical Results – Program Wells

This section discusses the trends observed in the groundwater analytical data at program wells, MW-02, MW-03, MW-08, and MW-13. Program wells MW-02, MW-03, and MW-08 are in proximity and downgradient of the waste cell. MW-13 is the upgradient well, located near the former ponds. Time-series plots for selected chemicals at these wells are presented over the period from 1988 to the present in Appendix A. In the time-series plots, the non-detect results are shown as zero concentration. Appendix B presents hydrographs.

Upgradient program well, MW-13, has shown a gradual increase in TCE concentrations since the monitoring began (Appendix A) reaching 92 µg/L in February 2019 and decreasing again in following events. The VOCs detected in MW-13 are believed to be residual groundwater impacts from the former waste pond operations which ceased in the 1970s. Residual groundwater impacts due to former pond operations are detectable in several CAO wells.

Since 1988, VOCs such as TCE have shown a general decrease in concentration in the program wells downgradient of the waste cell (Appendix A). Table 4 and Appendix A shows limited concentrations of VOCs continue to be identified. Concentrations of metals and general chemistry constituents have remained generally consistent over time; however, some of these constituents have been identified above water quality objectives (Table 5). These exceedances appear to be the result of naturally occurring water variability rather than contributions from the waste cell.

Downgradient wells MW-02 and MW-03 had historic concentrations of TCE at 290 and 270 µg/L, respectively, in 1988, which had decreased to 22 and 19 µg/L, respectively, the following year. VOC concentrations have been consistently low during the subsequent years, showing a slight concentration increase of TCE in March 2003 (40 µg/L at MW-02 and 21 µg/L at MW-03). From 2004 to the present, TCE has been detected at low concentrations below the MCL in downgradient wells MW-02 and MW-03. Chloroform has also historically been present at low levels in MW-02 and MW-03. Chloroform detections have declined since peaking in the early 1990s and have ranged from non-detect to 3.7 µg/L over the past decade. Inorganic and

metals concentrations have been relatively consistent over time, with concentrations of some constituents above water quality objectives.

Downgradient well MW-08 has historically had few VOC detections since monitoring began in 1988. Benzene was detected at concentrations of 3.0 µg/L and 1.0 µg/L on March 19, 1996 and June 20, 1996, respectively. Carbon disulfide was detected at a concentration of 1.4 µg/L on March 28, 2000, and acetone was detected at an estimated 5 µg/L on August 5, 2014. During the February 2016 event, TCE was detected above the MCL at a concentration of 11 µg/L. Concentrations have since decreased. Inorganic and metals concentrations have remained relatively consistent throughout the monitoring period. VOC concentrations will be closely monitored at MW-08 in future events.

Constituents of concern in program wells south of the waste cell (MW-02, MW-03, and MW-08) are generally consistent with background levels in program well MW-13. They are considered to represent residual impacts from the former pond operations, not an impact of the existing waste cell.

5.3 Historic Groundwater Analytical Results – CAO Wells

In addition to sampling requirements under Program No. R9-2017-0114, Addendum No. 1 to the CAO requires sampling of wells MW-16 and MW-17 (both down gradient of the property line), MW-18 (cross-gradient from the property line), and MW-20 and MW-21R (downgradient and within the property line). Monitoring wells MW-22 (off-site to the north), MW-23 (on-site to the east), and MW-24 (on-site to the northeast) were also incorporated into the monitoring network after their installation in 2010 and 2011.

On April 20, 2007, the CAO monitoring network was reduced in accordance with an addendum issued by the RWQCB. The addendum to the CAO allowed a reduction in the number of CAO monitoring wells requiring sampling. The remaining wells at the site are no longer required to be sampled; these are monitored for groundwater elevation only.

VOCs are analyzed semiannually at CAO wells. The primary VOC in terms of maximum concentration and frequency of occurrence is TCE. Historically, 1,1-DCE; 1,1-DCA, PCE, and chloroform have also been detected. Methylene chloride (dichloromethane) and vinyl chloride have historically been detected in MW-22 and MW-24. Appendix A contains time-series plots of VOC concentrations in site monitoring wells.

Four monitoring wells are currently located directly downgradient of the former Class I ponds: MW-01R, MW-04, BGW-02, and MW-21R. Because these wells are in the plume interior and are not useful sentry locations, MW-01R, MW-04, and BGW-02 were removed from the required sampling array in April 2007. Historic sample results indicate these three wells have

historically had detections of VOCs, including variable concentrations of TCE. Past sample events also reported SVOC concentrations in these wells, with the long-term trend toward fewer detectable SVOCs and lower concentrations of SVOCs (Appendix A).

MW-21R is currently monitored as the interior well, downgradient of the former pond locations. The location was originally installed in 2003 as MW-21 prior to an obstruction and ultimate well reconstruction in June 2010 as MW-21R. When sampling resumed at the reconstructed well in 2010, TCE was detected at 2,400 µg/L. Since that time, concentrations of TCE have fluctuated at MW-21R with recent concentrations reaching 9,300 µg/L in January 2021. Since the 2010 reconstruction of MW-21R, methylene chloride (dichloromethane) has also fluctuated in concentrations ranging from 420 µg/L (August 2012) to non-detect, with a recent concentration reported at an estimated 30 µg/L (January 2021). SVOCs were analyzed at well MW-21R in June 2010, February 2011, August 2013, and February 2018. SVOCs were not detected at MW-21R with the exception of naphthalene at 66 µg/L (2010), 2-nitrophenol at 55 µg/L (2018), and 4-nitrophenol at 850 µg/L (2010), 1,400 µg/L (2011), 1,900 µg/L (fall 2013), and 610 µg/L (spring 2018).

During the site investigation in 2010, a new background monitoring well, MW-22, was installed in the adjacent property north of the site (Shaw 2010a). This well is located upgradient of the former waste pond locations. The primary VOCs historically detected at this northern location include TCE, 1,1-DCA, cis-1,2-DCE, and vinyl chloride. Low concentrations of 1,1-DCE, trans-1,2-dichloroethene, and chloroform have also been detected with lowered reporting limits. The VOCs detected in this well are probably due to the temporary reversal of the groundwater gradient during operation of the ponds in the 1970s. Groundwater flow is currently to the south, back under the former pond locations. Analytical results from MW-22 are included as time-series plots (Appendix A).

The northeastern portion of the site is monitored by on-site wells MW-23 and MW-24. Well MW-23 monitors the area east of the former ponds, near the eastern perimeter of the site. VOCs identified in this eastern well location include TCE, 1,1-DCA, 1,1,-DCE, cis-1,2-DCE, chloroform, and historically 1,1,2-TCE, methylene chloride (dichloromethane) and TBA. Estimated concentrations of benzene and vinyl chloride have also historically been detected with lowered reporting limits. SVOCs were analyzed at MW-23 after installation (June 2010), fall 2013 (with only one detection at 49 µg/L of 4-nitrophenol), and spring 2018 (no detections above reporting limits).

Monitoring well MW-24 was installed in April 2011 (Shaw 2012) and monitors the area immediately northeast of the former pond locations. The primary VOCs detected at MW-24 include TCE, 1,1-DCA, 1,1-DCE, methylene chloride (dichloromethane), chloroform, and TBA. Historic concentrations of 1,2-DCA, benzene, and xylenes have also been detected with lowered reporting limits. MW-24 has exceeded screening levels for TCE over the course of monitoring,

with concentrations fluctuating from 2,700 µg/L to 5,600 µg/L. SVOCs were analyzed during the initial sampling of MW-24, during the fall 2013 event and again in spring 2018. Concentrations of SVOCs were reported for 2-nitrophenol at 130 µg/L (2011), 91 µg/L (2013), and 64 µg/L (2018). Concentrations of 4-nitrophenol were also detected at 1,300 µg/L (2011), 690 µg/L (2013), and 370 µg/L (2018). In 2013, one detection of 2,4-dinitrophenol (140 µg/L) was also reported (the current ESL is 39 µg/L). There are currently no MCLs to use for comparison with these SVOC constituents.

The area west of the site was originally monitored by off-site wells MW-18 and MW-19 (installed in 2003). Following the 2007 update to monitoring requirements, MW-19 was removed from the sampling array and is gauged for groundwater elevation only. Currently, MW-18 is the off-site sample point to the west. TCE, PCE, and low levels of 1,1-DCA and chloroform are the main VOCs detected at this well, with SVOCs remaining undetected. TCE was initially detected at MW-18 at a concentration of 5.2 µg/L in 2005. PCE was first detected at MW-18 in August 2012 at 1.3 µg/L. Concentrations of TCE and PCE have remained relatively stable.

Wells located on-site near the southern perimeter of the site (MW-09, MW-10, MW-20, MW-15A, and MW-15B) have historically had low or no detection of VOCs with slight TCE fluctuations. Monitoring well MW-10 had TCE concentrations ranging from 3 µg/L to 88 µg/L, while other detected VOCs remained relatively stable over the years. Wells MW-09, MW-10, MW-15A, and MW-15B were removed from the required sampling array in April 2007. MW-15A and MW-15B were abandoned in March 2013. Monitoring well MW-20 (installed in 2003) currently acts as the monitoring point along the southern perimeter of the site. MW-20 has had concentrations of TCE ranging from 71 µg/L (June 2003) down to 8.4 µg/L (February 2009). Detections of TCE have continued to fluctuate over the past decade with recent detections at 13 µg/L (August 2020) and 16 µg/L (January 2021). Chloroform, PCE, 1,1-DCA, acetone, 1,4-dichlorobenzene, and 1,1,2-TCE have historically been detected at low levels.

Monitoring wells MW-16 and MW-17 were installed in 2003 to monitor groundwater off-site to the south. Between April and August of 2005, the ground surface and monitoring well MW-16 at the property to the south of the site were extended by a grading contractor. Topography and well casing were raised approximately 30 additional feet from the original ground surface. The top-of-casing elevation at MW-16 was resurveyed in June 2010 and is currently located at approximately 129 feet above msl.

Impacts off-site to the south are defined by monitoring wells MW-16 and MW-17. The only VOC detected at southwest monitoring well MW-17 has been TCE (1.3 µg/L in fall 2012, 3.9 µg/L in spring 2014, and 3.5 µg/L in August 2020). Detections at MW-16 have historically included TCE, PCE, chloroform, cis-1,2-DCE, 1,1,2-TCE, 1,2-DCA, 1,1-DCA, and 1,1-DCE with historic estimated concentrations of acetone and benzene. Concentrations of TCE in

monitoring well MW-16 have historically ranged from 3 µg/L to 92 µg/L (2013) with concentrations showing a general decline since 2013. VOCs are being carefully monitored and evaluated at this downgradient location.

Due to the presence of jurisdictional wetlands south of the site, the option of locating a permanent monitoring well downgradient of MW-16 to define the southern limits of the plume is not technically feasible currently. To define the downgradient limits of impacted groundwater, temporary well points have historically been installed, sampled, and abandoned south of the site. The first temporary well location (TPMW-01) was sampled south (downgradient) of MW-16 in March 2010, and results were reported in the Comprehensive Site Investigation Report (Shaw 2010a). Four additional locations were chosen as temporary well points during additional investigations in 2011 and 2012. TPMW-02 was located southwest of MW-16, and temporary points TPMW-03, TPMW-04, and TPMW-05 were located southeast of MW-16. Estimated concentrations of TCE, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, PCE, and acetone were historically detected at the temporary, TPMW-01, location. Temporary well points TPMW-02 through TPMW-05 had no detections of VOCs, except for one detection of 3.4 µg/L TCE at the TPMW-03 location in April 2011 (Shaw 2012).

During the current monitoring period, one temporary well was constructed, sampled, and abandoned at the TPMW-01 location (Figure 3). Concentrations of TCE have historically fluctuated at TPMW-01 from non-detect to a detection of 8.2 µg/L (August 2016) with a recent detection reported at 6.3 µg/L during the January 2021 event. Concentrations of TCE will continue to be carefully monitored at the temporary location. In accordance with the site feasibility study, if an MCL is exceeded at this location for three consecutive monitoring events, additional step-out locations will be sampled during the following semiannual event (Shaw-CB&I 2014).

Historic data from the adjacent property east of the site (Otay Valley Industrial Park [OVIP] on Design Court) were reported by Woodward Clyde Consultants in 1990 to have reportable TCE and PCE concentrations (Woodward Clyde Consultants 1990). According to public records, the chlorinated hydrocarbon case at the Design Court site was closed in 1992 (Geotracker 2021). In a follow-up investigation for the Omar site in August 2010, well OVIP-MW04 was sampled to assess groundwater to the east. OVIP-MW04 had no detections of VOCs except 3.5 µg/L of PCE (Shaw 2010b). The detection in OVIP-MW04 is not expected to be from the Omar site because wells OVIP-MW02, OVIP-MW03, and OVIP-MW05 are between the plume and OVIP-MW04, and those wells have historically had no PCE detections. The historic data from OVIP locations reported general chemistry concentrations similar to those found at the Omar site. According to public records, the OVIP wells were installed by Woodward Clyde Consultants in June and July of 1990; however, the current owner and status of the wells is unknown.

To further investigate groundwater east of the Omar site, an additional well location (MW-25) was installed in November 2011 (Shaw 2012). Well MW-25 was located at the adjacent landfill property to the northeast of the Omar site. SVOCs were not detected at MW-25 when it was initially sampled in January 2012. VOCs including chloroform and TCE were detected at low concentrations in MW-25 in 2012. Additional samples were collected from the MW-25 location during the February 2013 event to identify potential migration from the site, and VOCs were not detected above the reporting limits. Review of groundwater analytical data from MW-25 indicated contaminants of concern had not migrated from the site to the northeast. Well MW-25 was abandoned in September 2013 (Shaw-CB&I 2013b).

5.4 Site Maintenance Inspection

A complete site maintenance inspection was conducted at the site in July 2020 and January 2021 in accordance with Program R9-2017-0114. Additional waste cell best management practices were also inspected in accordance with the site Stormwater Pollution Prevention Plan. Appendix G presents the semiannual field inspection logs; the inspection information is summarized below:

- Maintenance issues corrected during the current monitoring period included replacing locks and clearing vegetation around wells. Additional maintenance was needed along the road to and around MW-17 due to homeless encampments in the area.
- The fence line around the waste cell and gate remains intact and locked, with "No Trespassing" signs posted. The upper gate to the parking area is open during business hours, and the parking lot is actively used and maintained by the owners.
- Terraces 1 and 3 remain fenced and locked. A business actively operates on Terrace 2. Monitoring wells on the surrounding properties are properly maintained.
- Locks were replaced at multiple wells following the July 2020 inspection.
- New locks were installed by others at gates to MW-11 and MW-17 prior to the January 2021 inspection; access has been impeded at both locations.
- The temporary well point (TPMW-01) was unable to be accessed during the fall 2020 sampling event due to beehives located across the area.
- A homeless encampment was reported around MW-17 during both semiannual inspections. APTIM maintenance crews attempted to clear some of the area in July 2020; however, the encampment had grown considerably between inspections. The well was unable to be sampled during the January 2021 event due to the inhabitants of the area and safety concerns of the samplers.

6.0 Conclusion and Recommendations

In conclusion, concentrations at the site have remained relatively stable in the program wells. Although TCE concentrations have historically shown fluctuations in waste cell program wells, increases are not considered to indicate an impact from the waste cell because the concentrations tend to remain below concentrations at the background well. Concentrations of TCE will continue to be closely monitored in future events.

Concentrations of TCE at temporary point TPMW-01 exceeded screening levels during the January 2021 event. Concentrations of TCE will continue to be carefully monitored at this location during future events. If the MCL is exceeded for three consecutive monitoring events, additional step-out locations will be sampled per the site feasibility study (Shaw-CB&I 2014).

It is recommended that the homeless encampment surrounding MW-17 be addressed during the future monitoring period to regain access to the monitoring well.

7.0 References

Aptim Environmental & Infrastructure, LLC (APTIM), 2018. *Amendment Log, Industrial Activities Stormwater Pollution Prevention Plan for Former Omar Rendering Plant, 1886 Auto Park Place, Chula Vista, California 91911, Waste Discharge Identification #9 37I015817,* prepared for Otay Mesa Ventures II, L.L.C., July 5.

California Regional Water Quality Control Board, San Diego Region: see RWQCB.

CB&I Federal Services LLC (CB&I), 2016. *Industrial Activities Stormwater Pollution Prevention Plan for Former Omar Rendering Plant, 1886 Auto Park Place, Chula Vista, California 91911, Waste Discharge Identification #9 37I015817,* prepared for Otay Mesa Ventures II, L.L.C., November 30.

City of Chula Vista, 1982. *As-built grading plan, sheet 4 of 7, Sections A-A and B-B*, City Engineering Department, Samual F. Savino PE. October 27.

Geocon, Inc., 1982. *Testing and Observation Services for Omar Rendering Plant, Chula Vista, California*, Prepared for Safino, Butcher, Ormande, Inc., San Diego, California. January.

Geotracker – State Water Resources Control Board, 2021. https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608134938.

LandBank Properties, LLC, sole member of Otay Mesa Ventures II, L.L.C. (LandBank), 2018.*Responses to RWQCB Comments, Annual Report: April 2017 to March 2018, Monitoring and Reporting Program no. R9-2017-0114 and Cleanup and Abatement Order R9-2003-0080, Waste Management Containment Cell, Former Omar Rendering Site, 1886 Auto Park Place, Chula Vista, CA, 91911, RWQCB Reference Number L10003156547*. August 6.

National Weather Service, 2020-2021. Observations for San Diego, CA 2020-2021; Forecast Office, http://www.wrh.noaa.gov/sgx/obs/rtp/rtp_CHV_20 and _21.

Otay Mesa Ventures II, L.L.C. (OMV), 2020a. *Annual Report: April 2019 to March 2020, Former Omar Rendering Site Waste Management Containment Cell.* April.

OMV, 2020b. *Response to Comments on the Annual Report: April 2019 to March 2020, Former Omar Rendering Site Waste Management Containment Cell.* October.

Regional Water Quality Control Board (RWQCB), 1980. *Order 80-06*; *Closure Requirements for the Omar Rendering Company Dumpsite in the Otay River Valley,* including addenda 1 and 2 for schedule modifications. January 28.

RWQCB, 1987. *Order No. 87-141; Closure Requirements for the Omar Rendering Company Dumpsite in the Otay River Valley.* December 21.

RWQCB, 1994. *Water Quality Control Plan for the San Diego Region (9)*. September 8.

RWQCB, 1997. *Order No. 97-40 Waste Discharge Requirements and Monitoring and Reporting Program No.97-40 for Closure and Post-Closure Maintenance, Class I Waste Management Containment Cell, Former Omar Rendering Facility, Darling International.* June 11.

RWQCB, 2003. *Cleanup and Abatement Order No. R9-2003-0080, Otay Mesa Ventures II, L.L.C. for the Former Omar Rendering Facility, San Diego County.* March 27.

RWQCB, 2007. *Addendum No.1, Cleanup and Abatement Order No. R9-2003-0080, Otay Mesa Ventures II, L.L.C. for the Former Omar Rendering Facility, San Diego County*. April 20.

RWQCB, 2017a. *Monitoring and Reporting Program No. R9-2017-0114 for Closure and Post-Closure Maintenance for the Class I Waste Management Containment Cell, Former Omar Rendering Facility, Otay Mesa ventures II, LLC, San Diego County, California.* August 29.

RWQCB, 2017b. *Addendum No.2 to Cleanup and Abatement Order No. R9-2003-0080, an Addendum to Revise Directives E, F.2, F.3, and F.4 of Order No. R9-2003-0080, Former Omar Rendering Site, San Diego County, California.* August 29.

RWQCB, 2018. *Maximum Contaminant Levels and Regulatory Dates for Drinking Water, U.S EPA vs California*, Federal and State MCLs. updated March 21.

RWQCB, 2019. Environmental Screening Levels, Tier 1 ESLs. January.

RWQCB, 2020. Comments on the *Annual Report: April 2019 to March 2020, Former Omar Rendering Site, Waste Management Containment Cell, Chula Vista, California (Site ID #2091200*). July 30.

San Diego County, Department of Environmental Health (SDCDEH), 2004. *Site Assessment and Mitigation Manual*; including updates as indicated on the website: *http://www.sandiegocounty.gov/content/sdc/deh/lwqd/sam_manual.html*.

SDCDEH, 2011. *Section 5 of the Site Assessment and Mitigation Manual*; including updates as indicated on the website: *http://www.sandiegocounty.gov/content/sdc/deh/lwqd/sam_manual.html.* August 15.

Shaw Environmental & Infrastructure, LLC. (Shaw), 2010a. *Report of Comprehensive Site Investigation, Former Omar Rendering Site;* prepared for Otay Mesa Ventures II, L.L.C. December.

Shaw, 2010b. *Semiannual Report: April 2010 to September 2010, Monitoring and Reporting Program No.97-40 and Cleanup and Abatement Order R9-2003-0080, Waste Management Containment Cell, Former Omar Rendering Site*; prepared for Otay Mesa Ventures II, L.L.C. October.

Shaw, 2012. *Supplemental Report of Comprehensive Site Investigation, Former Omar Rendering Site, City of Chula Vista, California*; prepared for Otay Mesa Ventures II, L.L.C. June.

Shaw-CB&I, 2013a. *Annual Report: April 2012 to March 2013 and Semiannual Report: October 2012 to March 2013, Monitoring and Reporting Program No.97-40 and Cleanup and Abatement Order R9-2003-0080, Waste Management Containment Cell, Former Omar Rendering Site*; prepared for Otay Mesa Ventures II, L.L.C. April.

Shaw-CB&I, 2013b. *Monitoring Well Destruction Report: One monitoring well at Otay Landfill, Inc. 1700 Maxwell Rd, Chula Vista, CA, for the Omar Former Rendering Plant Investigation at 1886 Auto Park Place, Chula Vista, CA; APN 644-020-1600, Well Destruction Permit #LMWP-000623*. July.

Shaw-CB&I, 2013c. *Semiannual Report: April 2013 to September 2013, Monitoring and Reporting Program No.97-40 and Cleanup and Abatement Order R9-2003-0080, Waste Management Containment Cell, Former Omar Rendering Site*; prepared for Otay Mesa Ventures II, L.L.C. October.

Shaw-CB&I, 2014. *Revised Remediation Alternatives Feasibility Study; Former Omar Rendering Site, City of Chula Vista, California, RWQCB Reference #L10003156547: bmcdaniel(revision1)*; prepared for Otay Mesa Ventures II, L.L.C. March.

Western Regional Climate Center, 2020-2021. Chula Vista, CA, Total of Precipitation (041758), *https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca1758*.

Woodward Clyde Consultants, 1990, *Report of Additional Groundwater Sampling Analyses Otay Valley Industrial Park, Chula Vista, California*. November 15.

Figures

OMAR FORMER
RENDERING SITE
1886 AUTO PARK PLACE
CHULA VISTA, CA



LEGEND

OMAR Site Boundary

N

0 500 1,000 1,500 2,000

Feet

1 inch = 1,000 feet

APTIM

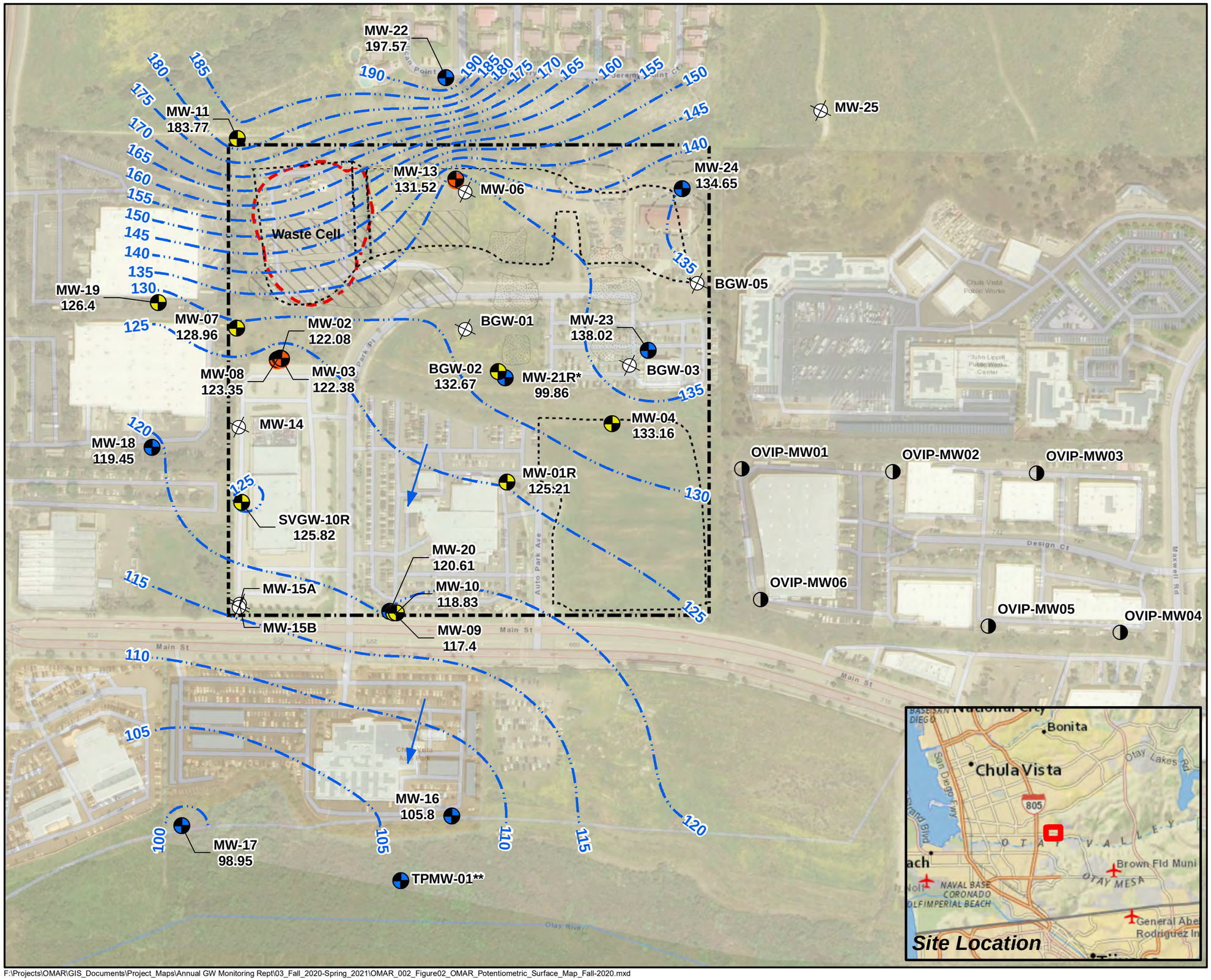
OTAY MESA VENTURES II, L.L.C.
CENTENNIAL, COLORADO

1886 AUTO PARK PLACE
CHULA VISTA, CA

FIGURE 1

OMAR FORMER RENDERING SITE
SITE VICINITY MAP

F:\Projects\OMAR\GIS_Documents\Project_Maps\Annual GW Monitoring Rept\03_Fall_2020-Spring_2021\OMAR_001_Figure01_OMAR_Site_Vicinity_Map.mxd



LEGEND

Field Sample Collection Location Point

- Field Sample Collection Location Point
- Non-program wells gauged only
- Non-program wells sampled/gauged
- Program Monitoring Well
- Woodward-Clyde Well (1990)
- Groundwater Contours
- GW_flow_direction
- Approximate Location of Permitted Former Class I Pond
- Approximate Location of Permitted Former Rendering Pond
- Other depressions observed in historical aerial photos
- Waste Terrace
- Waste Cell
- Former OMAR Property Boundary

NOTE:
1. TPMW-01** not sampled or gauged
2. MW-21R* is not used for contouring
3. All measurements in feet below ground surface.

N

0 250 500

Feet

1 inch = 250 feet

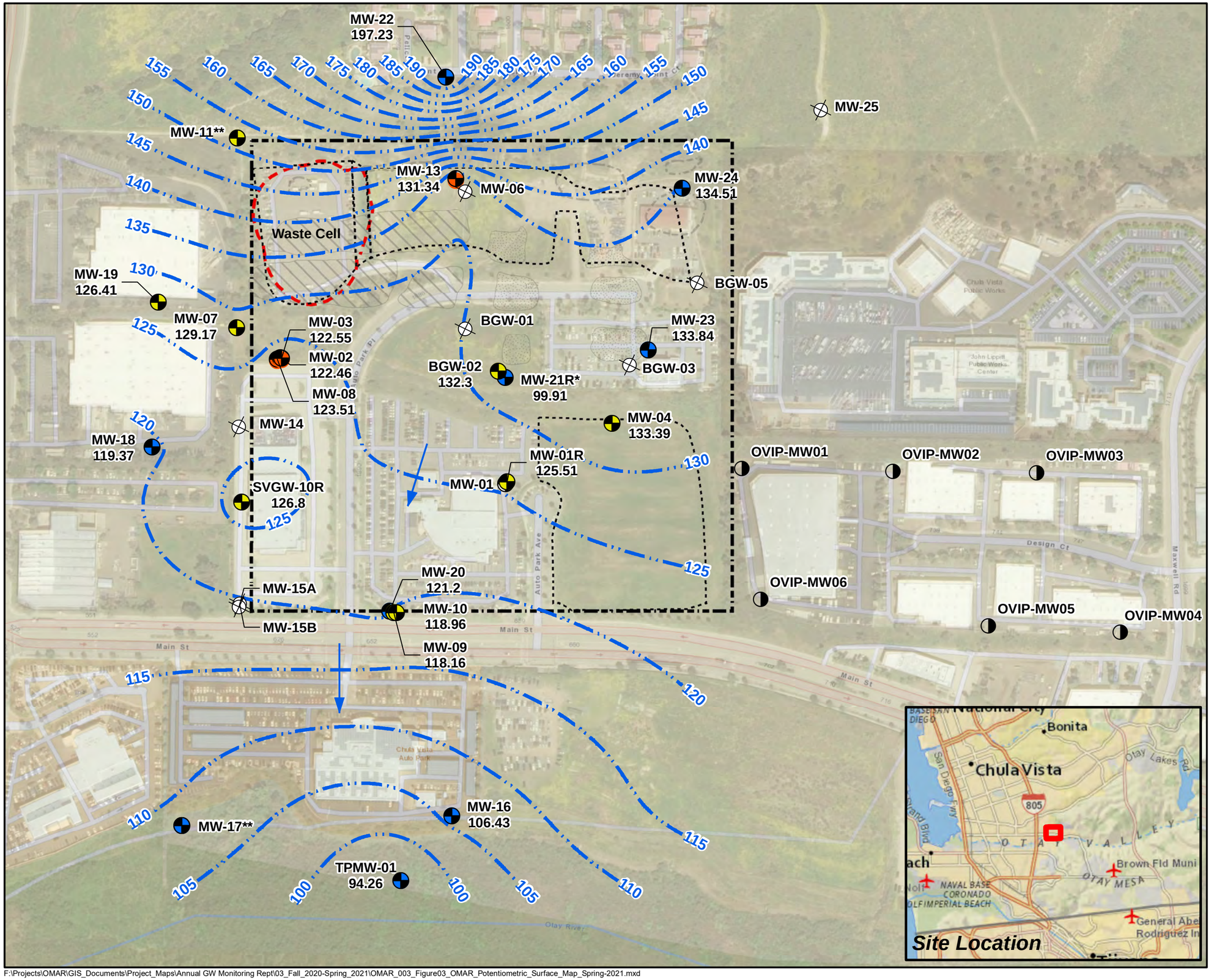
APTIM

OTAY MESA VENTURES II, L.L.C.
CENTENNIAL, COLORADO

1886 AUTO PARK PLACE
CHULA VISTA, CA

FIGURE 2
OMAR FORMER RENDERING SITE
GROUNDWATER ELEVATION
AND CONTOUR MAP
FALL 2020

F:\Projects\OMAR\GIS_Documents\Project_Maps\Annual GW Monitoring Rept\03_Fall_2020-Spring_2021\OMAR_002_Figure02_OMAR_Potentiometric_Surface_Map_Fall-2020.mxd



LEGEND

Field Sample Collection Location Point

- Field Sample Collection Location Point
- Non-program wells gauged only
- Non-program wells sampled/gauged
- Program Monitoring Well
- Program Monitoring Well
- Woodward-Clyde Well (1990)
- Groundwater Contours
- GW_flow_direction
- Approximate Location of Permitted Former Class I Pond
- Approximate Location of Permitted Former Rendering Pond
- Other depressions observed in historical aerial photos
- Waste Terrace
- Waste Cell
- Former OMAR Property Boundary

NOTE:
1. MW-17** and MW-11** not gauged.
2. MW-21R* is not used for contouring
3. All measurements in feet below ground surface.

N

0 250 500

Feet

1 inch = 250 feet

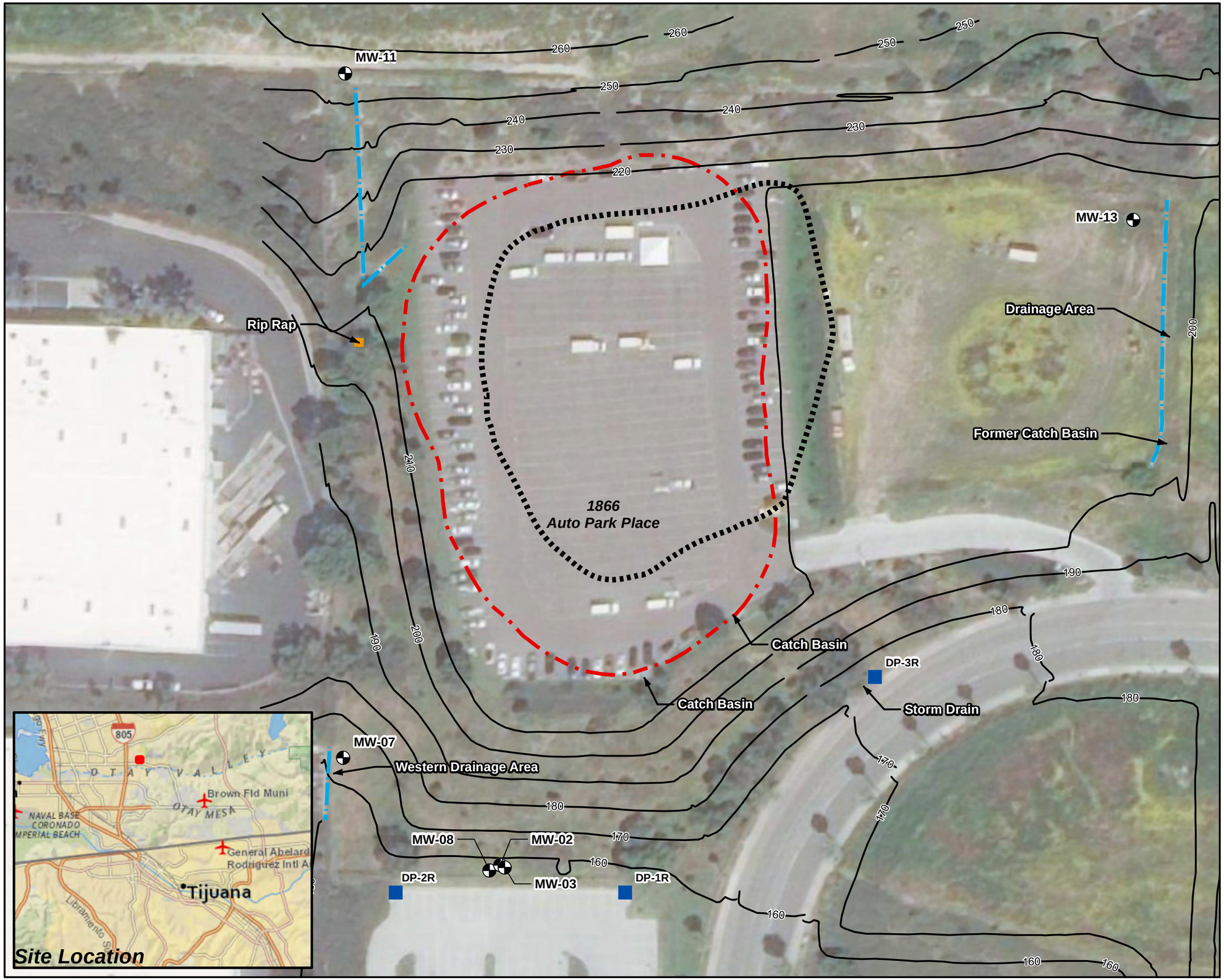
APTIM

OTAY MESA VENTURES II, L.L.C.
CENTENNIAL, COLORADO

1886 AUTO PARK PLACE
CHULA VISTA, CA

FIGURE 3
OMAR FORMER RENDERING SITE
GROUNDWATER ELEVATION
AND CONTOUR MAP
SPRING 2021

F:\Projects\OMAR\GIS_Documents\Project_Maps\Annual GW Monitoring Rept\03_Fall_2020-Spring_2021\OMAR_003_Figure03_OMAR_Potentiometric_Surface_Map_Spring-2021.mxd



LEGEND

- Program Monitoring Well
- Limits of Top of Waste
- Limits of Bottom of Waste
- Elevation Contour (feet above mean sea level)
- Concrete Ditch
- Discharge Point/Storm Sample Location

N

0 70 140

Feet

1 inch = 70 feet

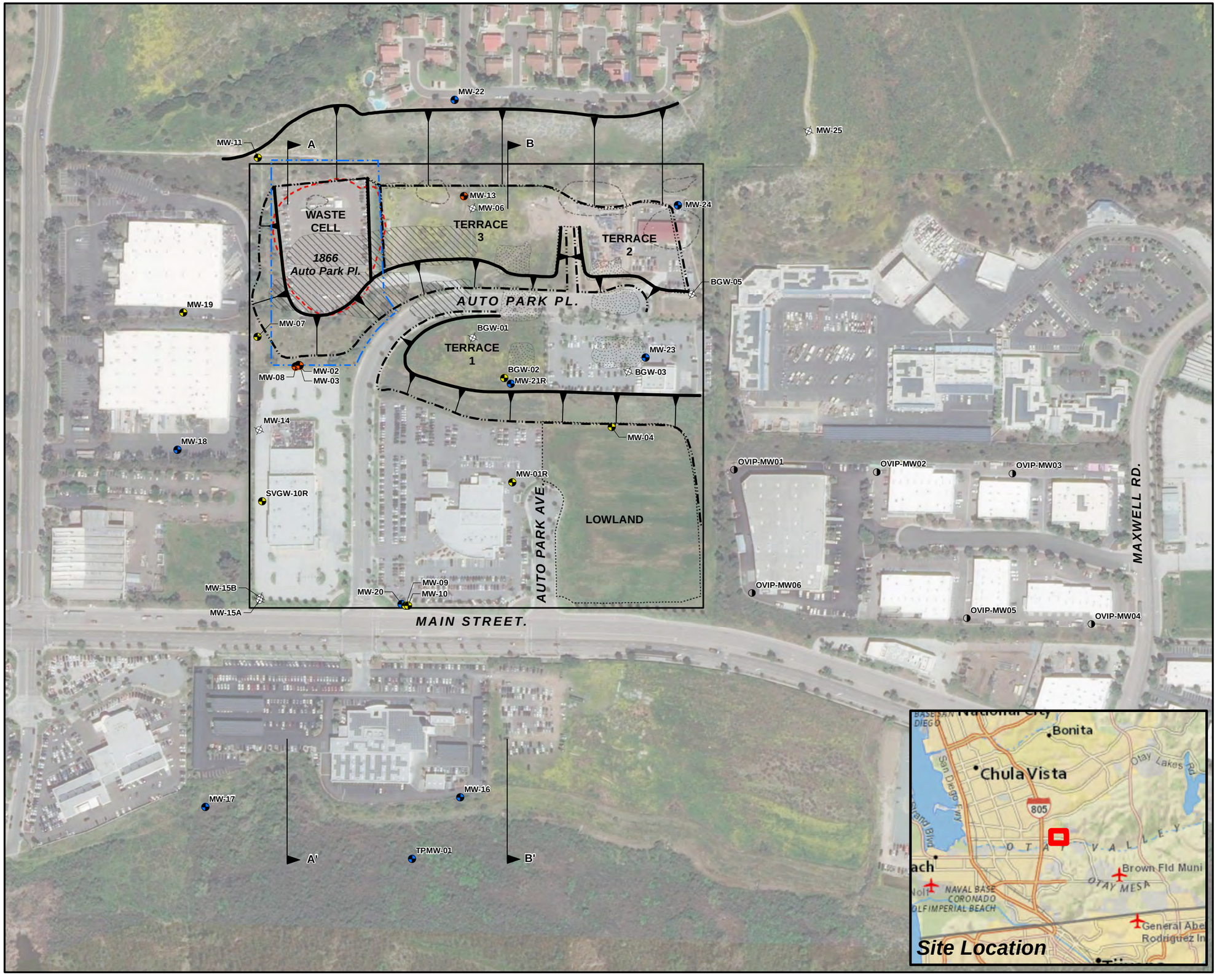
APTIM

OTAY MESA VENTURES II, L.L.C.
CENTENNIAL, COLORADO

1886 AUTO PARK PLACE
CHULA VISTA, CA

FIGURE 4
OMAR FORMER RENDERING SITE
WASTE CELL SITE MAP

F:\Projects\OMAR\GIS_Documents\Project_Maps\Annual GW Monitoring Rept\03_Fall_2020-Spring_2021\OMAR_004_Figure04_OMAR_Waste_Cell_Map.mxd



LEGEND

Field Sample Collection Location Point

- Abandoned Monitoring Well
- Non-program wells gauged only
- Non-program wells sampled/gauged
- Program Monitoring Well
- Woodward-Clyde Well (1990)
- Cross Section Line
- Approximate Top of Slope
- Approximate Toe of Slope
- Waste Cell Fence
- Approximate Location of Permitted Former Class I Pond
- Approximate Location of Permitted Former Rendering Pond
- Other depressions observed in historical aerial photos
- Waste Terrace
- Waste Cell
- Former OMAR Property Boundary

N

0 250 500

Feet

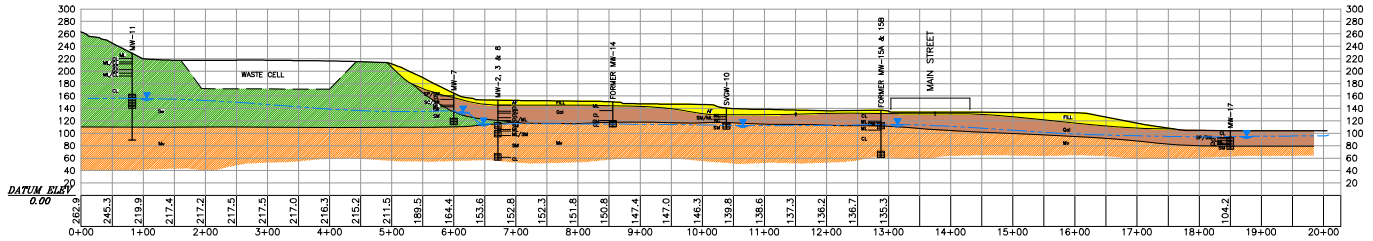
1 inch = 266 feet

APTIM

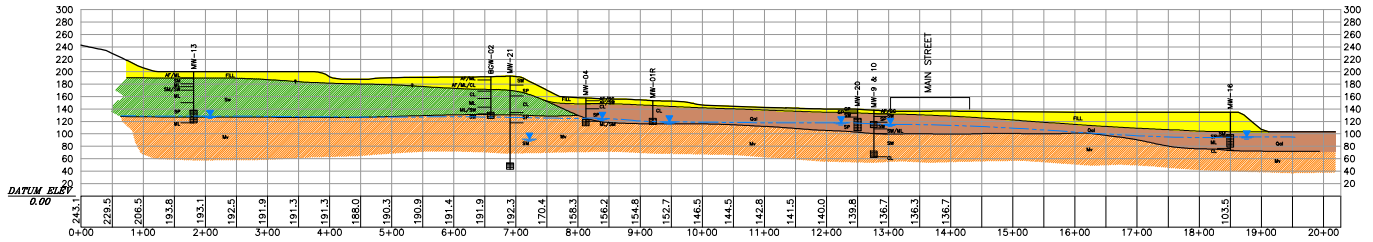
OTAY MESA VENTURES II, L.L.C.
CENTENNIAL, COLORADO

1886 AUTO PARK PLACE
CHULA VISTA, CA

FIGURE 5
OMAR FORMER RENDERING SITE
TOPOGRAPHIC ZONES



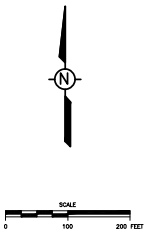
SECTION A-A'



SECTION B-B'

LEGEND

FILL	ARTIFICIAL FILL
Qal	QUATERNARY ALLUVIUM
Sw	SWEETWATER FORMATION
Mv	MISSION VALLEY FORMATION



APTIM
1230 Columbia Street, Ste 600
San Diego, California 92101

PREPARED FOR
OTAY MESA
VENTURES II, L.L.C.
CENTENNIAL, COLORADO

FIGURE 6

CROSS SECTIONS A-A' AND B-B'

OMAR FORMER RENDERING SITE
CHULA VISTA, CALIFORNIA

...Sdiefp1\Acad12\102405\102405-B28.dwg

MW-22
17
MW-25
MW-11
MW-13
48
MW-06
MW-24
4,500
100
1000
5000
Waste Cell
BGW-05
MW-19
MW-07
MW-08
1.6
BGW-01
MW-23
9,100
MW-02
1.1
MW-03
0.52
BGW-02
MW-21R
8,000
BGW-03
MW-04
MW-18
3.7
MW-14
OVIP-MW01
OVIP-MW02
OVIP-MW03
10
MW-01R
SVGW-10R
MW-20
13
OVIP-MW06
MW-15A
MW-09
OVIP-MW05
OVIP-MW04
MW-15B
MW-10
MW-17
3.5
MW-16
44
TPMW-01**
Site Location

F:\Projects\OMAR\GIS_Documents\Project_Maps\Annual GW Monitoring Rept\03_Fall_2020-Spring_2021\OMAR_007_Figure07_OMAR_TCE_Conc_Fall-2020.mxd

LEGEND

Field Sample Collection Location Point

- Non-program wells gauged only
- Non-program wells sampled/gauged
- Program Monitoring Well
- Woodward-Clyde Well (1990)
- Abandoned Monitoring Well

Trichloroethene (TCE) Concentrations

- TCE Concentration Contour (µg/L)
- Waste Terrace
- Waste Cell
- Approximate Location of Permitted Former Class I Pond
- Approximate Location of Permitted Former Rendering Pond
- Other depressions observed in historical aerial photos
- Former OMAR Property Boundary

NOTE:
1. TPMW-01** not sampled (inaccessible)
2. Concentrations in micrograms per liter (µg/L)

N

0 250 500

Feet

1 inch = 250 feet

APTIM

OTAY MESA VENTURES II, L.L.C.
CENTENNIAL, COLORADO

1886 AUTO PARK PLACE
CHULA VISTA, CA

FIGURE 7
OMAR FORMER RENDERING SITE
TRICHLOROETHENE (TCE) CONCENTRATIONS
AND CONTOUR MAP
FALL 2020

MW-22
16
MW-25
MW-11
MW-13
61
MW-06
MW-24
4,200
Waste Cell
BGW-05
MW-19
MW-07
MW-08
1
BGW-01
MW-23
7,800
5000
MW-03
0.35J
BGW-02
MW-21R
9,300
BGW-03
MW-08
0.98
MW-02
1.6
MW-14
MW-04
MW-18
4.3
1000
OVIP-MW01
OVIP-MW02
OVIP-MW03
100
10
MW-01R
SVGW-10R
10
MW-20
16
OVIP-MW06
MW-15A
OVIP-MW05
OVIP-MW04
MW-15B
MW-10
MW-09
MW-16
28
MW-17**
TPMW-01
6.3
Site Location

F:\Projects\OMAR\GIS_Documents\Project_Maps\Annual GW Monitoring Rept\03_Fall_2020-Spring_2021\OMAR_008_Figure08_OMAR_TCE_Conc_Spring-2021.mxd

LEGEND

Field Sample Collection Location Point

- Non-program wells gauged only
- Non-program wells sampled/gauged
- Program Monitoring Well
- Woodward-Clyde Well (1990)
- Abandoned Monitoring Well

Trichloroethene (TCE) Concentrations

- TCE Concentration Contour (µg/L)
- Waste Terrace
- Waste Cell
- Approximate Location of Permitted Former Class I Pond
- Approximate Location of Permitted Former Rendering Pond
- Other depressions observed in historical aerial photos
- Former OMAR Property Boundary

NOTE:
1. MW-17** not sampled (inaccessible)
2. Concentrations in micrograms per liter (µg/L)

N

0 250 500
Feet

1 inch = 250 feet

APTIM

OTAY MESA VENTURES II, L.L.C.
CENTENNIAL, COLORADO

1886 AUTO PARK PLACE
CHULA VISTA, CA

FIGURE 8
OMAR FORMER RENDERING SITE
TRICHLOROETHENE (TCE) CONCENTRATIONS
AND CONTOUR MAP
SPRING 2021

Tables

Table 1
Omar Former Rendering Plant
Reporting Requirements of the Monitoring and Reporting Program

Reporting Requirement as stated in Orders R9-2017-0114 & R9-2003-0080 (Addendum 2)		
Monitoring and Reporting Program R9-2017-0114		**Location in this report**
D.1	Transmittal Letter: A letter summarizing the major findings during the monitoring period shall be submitted with the report.	A transmittal is included as a cover letter with the submittal of the report.
D.1.a	A discussion of any requirement violations found since the last such report was submitted, as well as actions taken or planned for correcting the violations. If the Discharger has previously submitted a detailed time schedule for correcting said requirement violations, a reference to the correspondence transmitting such schedule shall be satisfactory. If no violations have occurred since the last submittal, this shall be stated in the transmittal letter.	Included in the transmittal letter.
D.1.b	A statement certifying that, under penalty of perjury, to the best of the signer's knowledge, the report is true, complete, and correct. This statement shall be signed by an individual that meets the requirements contained in Reporting Requirement D.8 of the Order.	Included in the transmittal letter.
D.2	Annual Summary Report: The Discharger shall submit an annual summary report to the San Diego Water Board covering the previous 12 months. The annual reporting period ends on March 31.	Report is submitted annually prior to April 30.
D.2.a	Site Maintenance – A summary of semi-annual inspections and a discussion of any significant findings as described in B. Site Maintenance of this MRP.	Site maintenance is discussed in Section 5.4 and in Appendix G.
D.2.b	Groundwater Gradient and Direction – For each monitored groundwater body, a description and graphical presentation (e.g., arrow on a map) of the gradient and direction of groundwater flow under and around the containment cell.	Groundwater gradient and direction are discussed in Section 4.1 and presented graphically on Figures 2 and 3.
D.2.c	Well Information – For each monitoring well, a description of the method and time of water level measurement, and a description of the purge method used before sampling to remove stagnant water, and after sampling to remove the water that was in the well bore while the sample was being collected.	Sampling methods are discussed in Section 3.2. Water level measurements are reported in Table 3.
D.2.d	Sampling Information – For each monitoring well and background monitoring well addressed by the report, a description of the type of pump - or other device - used and its vertical placement for sampling, and a detailed description of the information contained in A.7 of this MRP.	Sampling information is provided in Section 3.2 and on collection logs in Appendix C. Results are reported on Tables 4-7 and in Appendix D.
D.2.e	Map – A topographic map at an appropriate scale showing the locations of observation stations, monitoring wells, and background monitoring wells, as well as the direction of groundwater flow at the site.	Topographic information is presented on Figure 5.
D.2.f	Graphical Presentation of Analytical Data - For each monitoring well, the laboratory analytical data for all samples collected within at least the previous five calendar years in graphical format. Each graph shall plot the concentration of the constituent over time for a given monitoring well, at a scale appropriate to show trends or variations in water quality.	Analytical data is presented graphically on time-series plots in Appendix A.
D.2.g	Compliance Record Discussion - A comprehensive discussion of the compliance record, and the result of any corrective actions taken or planned that may be needed to bring the Discharger into full compliance with the waste discharge requirements.	A record of compliance is discussed in Section 2.5.
D.2.h	Summary of Changes - A written summary of the monitoring results and monitoring system(s), indicating any changes made or observed since the previous annual report.	Compliance-related issues are discussed in Sections 2.5 and 2.6; monitoring results/systems are discussed in Sections 4 and 5.

Table 1
Omar Former Rendering Plant
Reporting Requirements of the Monitoring and Reporting Program

Reporting Requirement as stated in Orders R9-2017-0114 & R9-2003-0080 (Addendum 2)		
	Cleanup and Abatement Order R9-2003-0080 (Addendum 2)	**Location in this report**
F.3.a	Site Maintenance - A summary of semi-annual inspections and a discussion of any significant findings as described in Site Maintenance, Directive E of this Addendum.	Site maintenance is discussed in Section 5.4 and in Appendix G.
F.3.b	Flowrate/Direction - For each monitored groundwater body, a description and graphical presentation (e.g., arrow on a map) of the velocity and direction of groundwater flow under/around the site, based on water level elevations observed during the collection of the water quality data submitted in compliance with the Order.	Groundwater flowrate and direction are discussed in Section 4.1 and presented graphically on Figures 2 and 3.
F.3.c	Well Information - For each monitoring point, a description of the method and time of water level measurement; a description of the purging method used before sampling to remove stagnant water in the well, and a description of purging method used to collect groundwater samples from the well.	Sampling methods are discussed in Section 3.2. Water level measurements are reported in Table 3.
F.3.d	Sampling Information - For each monitoring point, a description of the type of pump or other device used, its vertical placement during sampling, and a detailed description of the information contained in Records of Monitoring Information, Directive D.2 of the Order.	Sampling information is provided in Section 3.2 and on collection logs in Appendix C. Results are reported on Tables 4-7 and in Appendix D.
F.2.e	Graphical Presentation of Analytical Data - For each monitoring point, the laboratory analytical data for all samples collected within at least the previous five calendar years presented in graphical format . Each graph shall plot the concentration of the constituent over time for a given monitoring point, at a scale appropriate to show trends or variations in water quality.	Analytical data is presented graphically on time-series plots in Appendix A.
F.2.f	Compliance Record Discussion - A comprehensive discussion of the compliance record, and the result of any corrective actions taken or planned that may be needed to bring the Discharger into full compliance with the waste discharge requirements.	A record of compliance is discussed in Section 2.5, and planned activities are included in Section 2.6.
F.2.g	Summary of Changes - A written summary of the monitoring results and monitoring system(s), indicating any changes made or observed since the previous annual report.	Compliance changes are discussed in Sections 2.5 and 2.6; monitoring results/systems are discussed in Sections 4 and 5.
F.2.h	Map - A topographic map at appropriate scale, showing the locations of all monitoring points and all background monitoring points, as well as the direction of ground water flow at the landfill site.	Topographic information is presented on Figure 5.

References:

RWQCB, 2003, Cleanup and Abatement Order No. R9-2003-0080, Otay Mesa Ventures II, L.L.C. for the Former Omar Rendering Facility, San Diego County, March 27.

RWQCB, 2007, Addendum No.1, Cleanup and Abatement Order No. R9-2003-0080, Otay Mesa Ventures II, L.L.C. for the Former Omar Rendering Facility, San Diego County, April 20.

RWQCB, 2017a, Monitoring and Reporting Program No. R9-2017-0114 for closure and Post-Closure Maintenance for the Class I Waste Management Containment Cell, Former Omar Rendering Facility, Otay Mesa Ventures II, LLC, San Diego County, California, August 29.

RWQCB, 2017b, Addendum No.2 to Cleanup and Abatement Order No. R9-2003-0080, an Addendum to Revise Directives E, F.2, F.3, and F.4 of Order No. R9-2003-0080, Former Omar Rendering Site, San Diego County, California, August 29.

Table 2
Omar Former Rendering Plant
Constituents for Monitoring and Report Program
RWQCB Order R9-2017-0114 and CAO R9-2003-0080

PARAMETER	RWQCB No. R9-2017-0114 (Program Wells)		CAO R9-2003-0080 (Non-Program Wells)	
GENERAL CHEMISTRY				
pH	Semiannually	SU	Semiannually	pH
Specific Conductance	Semiannually	µmhos/cm	Semiannually	umhos/cm
Total Dissolved Solids	Semiannually	mg/l	Semiannually	mg/l
Alkalinity (CaCO3)	Semiannually	mg/l	Semiannually	mg/l
Bicarbonate	Semiannually	mg/l	Semiannually	mg/l
Carbonate	Semiannually	mg/l	Semiannually	mg/l
Chloride	Semiannually	mg/l	Semiannually	mg/l
Sulfate	Semiannually	mg/l	Semiannually	mg/l
Nitrate as Nitrogen	Semiannually	mg/l	Semiannually	mg/l
Total Phosphate	Semiannually	mg/l	Semiannually	mg/l
ORGANICS				
Volatile Organics	Semiannually	µg/l	Semiannually	µg/l
Semi-volatile Organics	Semiannually	µg/l	Every 5 years	µg/l
METALS				
Arsenic	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Barium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Cadmium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Calcium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Chromium			Annually to Biannually[1]	mg/l
Copper	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Iron	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Lead	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Magnesium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Manganese	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Mercury	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Molybdenum	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Nickel	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Potassium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Selenium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Silver	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Sodium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Thallium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Vanadium	Semiannually	mg/l	Annually to Biannually[1]	mg/l
Zinc	Semiannually	mg/l	Annually to Biannually[1]	mg/l

Table 2
Omar Former Rendering Plant
Constituents for Monitoring and Report Program
RWQCB Order R9-2017-0114 and CAO R9-2003-0080

1 = Analyze groundwater samples for metals annually for the first 3 years following well installation, then every 2 years thereafter. (CAO R9-2003-0080).

CAO = Cleanup and Abatement Order

mg/l = milligrams per liter

µg/l = micrograms per liter

RWQCB = Regional Water Quality Control Board

SU = standard units

Reference: Regional Water Quality Control Board Program No.R9-2017-0114 and Cleanup and Abatement Order R9-2003-0080 & addenda

Table 3
Omar Former Rendering Plant
Summary of Field Parameters - August 2020 and January 2021

Monitoring Well ID	Top of Casing Ref Elevation ft above MSL	Groundwater Elevation ft above MSL	Date	Time	Depth to Groundwater ft below ToC	Carbon Dioxide (mg/L)	Ferrous Iron (mg/L)	Specific Conductance (µS/cm)	Temperature (°C)	pH (pH units)	Turbidity (NTU)	ORP (mV)	Dissolved Oxygen (mg/L)
MW-02	159.26	122.08	08/11/20	12:54	37.18	>200	0.0	20720	32.62	6.87	100.5	103.6	2.45
MW-02	159.26	122.46	01/19/21	13:30	36.80	120	0.0	21089	26.53	6.94	98.67	55.9	0.67
MW-03	159.13	122.38	08/11/20	14:05	36.75	>200	0.0	12830	30.11	7.01	136	115.3	1.21
MW-03	159.13	122.55	01/19/21	14:40	36.58	70	0.0	13450	24.01	7.06	85.13	51.1	0.19
MW-08	157.99	123.35	08/11/20	10:33	34.64	<200	0.0	9024.1	26.66	7.1	18.4	202.6	0.89
MW-08	157.99	123.51	01/19/21	12:01	34.48	170	0.0	9433.7	23.45	7.23	41.81	54	0.22
MW-13	204.76	131.52	08/11/20	8:07	73.24	>200	0.0	15857	22.23	6.51	2.94	244.6	4.97
MW-13	204.76	131.34	01/19/21	9:42	73.42	>200	0.0	16771	23.28	6.66	199.74	118	2.20
BGW-02	193.62	132.67	08/11/20	10:18	60.95	NA	NA	NA	NA	NA	NA	NA	NA
BGW-02	193.62	132.30	01/19/21	12:20	61.32	NA	NA	NA	NA	NA	NA	NA	NA
MW-01R	145.11	125.21	08/11/20	9:46	19.90	NA	NA	NA	NA	NA	NA	NA	NA
MW-01R	145.11	125.51	01/19/21	10:25	19.60	NA	NA	NA	NA	NA	NA	NA	NA
MW-04	161.74	133.16	08/11/20	9:51	28.58	NA	NA	NA	NA	NA	NA	NA	NA
MW-04	161.74	133.39	01/19/21	10:18	28.35	NA	NA	NA	NA	NA	NA	NA	NA
MW-07	162.36	128.96	08/11/20	10:06	33.40	NA	NA	NA	NA	NA	NA	NA	NA
MW-07	162.36	129.17	01/19/21	16:30	33.19	NA	NA	NA	NA	NA	NA	NA	NA
MW-09	137.34	117.40	08/11/20	9:32	19.94	NA	NA	NA	NA	NA	NA	NA	NA
MW-09	137.34	118.16	01/19/21	10:09	19.18	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	136.87	118.83	08/11/20	9:36	18.04	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	136.87	118.96	01/19/21	10:03	17.91	NA	NA	NA	NA	NA	NA	NA	NA
SVGW-10R	143.9	125.82	08/11/20	9:56	18.08	NA	NA	NA	NA	NA	NA	NA	NA
SVGW-10R	143.9	126.80	01/19/21	12:02	17.10	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	256.82	183.77	08/11/20	7:40	73.05	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	256.82	NA	01/19/21			Inaccessible due to new gate/locks to the area							
MW-16	129.28	105.80	08/12/20	10:40	23.48	>200	0.0	17930	24.61	6.51	1.99	204.5	0.45
MW-16	129.28	106.43	01/20/21	14:45	22.85	>200	0.0	13983	22.16	6.52	0	122.6	0.39
MW-17	104.23	98.95	08/12/20	11:53	5.28	>200	0.0	6477.9	25.49	6.95	11.99	186.1	0.31

Table 3
Omar Former Rendering Plant
Summary of Field Parameters - August 2020 and January 2021

Monitoring Well ID	Top of Casing Ref Elevation ft above MSL	Groundwater Elevation ft above MSL	Date	Time	Depth to Groundwater ft below ToC	Carbon Dioxide (mg/L)	Ferrous Iron (mg/L)	Specific Conductance (µS/cm)	Temperature (°C)	pH (pH units)	Turbidity (NTU)	ORP (mV)	Dissolved Oxygen (mg/L)
MW-17	104.23	NA	01/19/21			Inaccessible due to homeless encampment							
MW-18	160.3	119.45	08/11/20	13:24	40.85	>200	0.0	28092	26.9	6.69	3.91	235.6	0.66
MW-18	160.3	119.37	01/20/21	9:16	40.93	>200	0.0	25275	22.9	6.79	9.6	227.3	0.77
MW-19	186.56	126.40	08/11/20	7:53	60.16	NA	NA	NA	NA	NA	NA	NA	NA
MW-19	186.56	126.41	01/19/21	11:15	60.15	NA	NA	NA	NA	NA	NA	NA	NA
MW-20	138.96	120.61	08/12/20	10:26	18.35	>200	0.0	19125	26.19	6.64	21.07	223.6	2.27
MW-20	138.96	121.20	01/20/21	13:46	17.76	>200	0.0	20394	22.95	6.52	2.17	126.9	1.64
MW-21R	193.19	99.86	08/12/20	9:18	93.33	>200	0.0	27026	25.49	6.24	3.48	243.8	0.53
MW-21R	193.19	99.91	01/20/21	13:59	93.28	>200	0.0	20156	24.26	6.43	25.13	240.9	0.74
MW-22	294.71	197.57	08/11/20	12:20	97.14	>200	0.0	15898	25.93	6.68	2.4	256.1	0.39
MW-22	294.71	197.23	01/19/21	14:15	97.48	>200	0.0	14991	23.2	6.68	3.06	234.6	0.55
MW-23	197.07	138.02	08/12/20	9:00	59.05	>200	0.0	13328	25.45	6.82	0.44	206.3	5.15
MW-23	197.07	133.84	01/20/21	11:36	63.23	>200	0.0	12815	22.41	7.09	386	265	5.95
MW-24	203.8	131.34	08/11/20	14:21	72.46	>200	0.0	36813	28.88	6.37	2.74	231	1.19
MW-24	203.8	131.20	01/20/21	10:23	72.60	>200	0.0	32215	23.62	6.5	7.81	257.1	0.29
TPMW-01*	96.26	NA	08/11/20			Inaccessible due to bee hives							
TPMW-01*	96.26	94.26	01/20/21	11:40	2.00	>200	0.0	11972	17.45	7.14	661.59	17	6.37

Notes:
°C = degrees Celcius
ID = identification
ft = feet
mg/L = milligrams per liter
µS/cm = micro siemens per centimeter
MSL = mean sea level
mV = milli volts
NA = Data not available
NS = Not sampled; location gauged for water levels only
NTU = Nephelometric Turbidity Units
TPMW = temporary point monitoring well
ToC = top of casing
** = approximate surface elevation used*
Original Top of Casing reference elevation at MW-24 was 207.11.
Following construction and grading activities at Terrace 2, the well casing at MW-24 was cut down by 3.310 feet, and the surface was recompleted with a flush-grade well head security vault in June 2019.

Table 4
Omar Former Rendering Plant
Summary of Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCLS	RWQCB ESL (Jan 2019)	MW-02		MW-03		MW-08		MW-13	
Sample ID				MW-	MW-	MW-	MW-	MW-	MW-	MW-	MW-
Sample Date				8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021
VOLATILES											
1,1,1,2-Tetrachloroethane	µg/L	200	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,1,1-Trichloroethane	µg/L	5	62	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,1,2,2-Tetrachloroethane	µg/L	1	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,1,2-Trichloroethane	µg/L	5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8 J	1.1 J
1,1-Dichloroethane	µg/L	5	5	0.24 J	0.5 U	0.5 U	0.5 U	0.093 J	0.5 U	**13**	**10**
1,1-Dichloroethene	µg/L	6	3.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.77 J	2 U
1,1-Dichloropropene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,2,3-Trichlorobenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,2,3-Trichloropropane	µg/L	NV	0.005	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	4 U	2 U
1,2,4-Trichlorobenzene	µg/L	NV	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,2,4-Trimethylbenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,2-Dibromo-3-chloropropane	µg/L	NV	0.028	5 U	1 U	5 U	1 U	5 U	1 U	20 U	4 U
1,2-Dichlorobenzene	µg/L	NV	14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,2-Dichloroethane	µg/L	0.5	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,2-Dichloropropane	µg/L	5	2.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,3,5-Trimethylbenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,3-Dichlorobenzene	µg/L	NV	65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
1,3-Dichloropropane	µg/L	NV	NV	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	4 U	2 U
1,4-Dichlorobenzene	µg/L	5	2.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
2,2-Dichloropropane	µg/L	NV	NV	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	4 U	2 U
2-Chlorotoluene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
2-Hexanone	µg/L	NV	NV	10 U	6 U	10 U	6 U	10 U	6 U	40 U	24 U
4-Chlorotoluene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
4-Methyl-2-pentanone (MIBK)	µg/L	NV	120	5 U	5 U	5 U	5 U	5 U	5 U	20 U	20 U
Acetone	µg/L	NV	1500	10 U	8 U	10 U	8 U	10 U	8 U	40 U	32 U
Benzene	µg/L	1	0.42	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Bromobenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Bromochloromethane	µg/L	NV	NV	1 U	1 U	1 U	1 U	1 U	1 U	4 U	4 U
Bromodichloromethane	µg/L	NV	0.87	0.5 U	0.5 U	0.096 J	0.5 U	0.5 U	0.5 U	2 U	2 U
Bromoform	µg/L	NV	80	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Carbon disulfide	µg/L	NV	NV	10 U	1 U	10 U	1 U	10 U	1 U	40 U	4 U
Carbon tetrachloride	µg/L	NV	0.061	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Chlorobenzene	µg/L	NV	25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Chlorodibromomethane	µg/L	NV	46	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Chloroethane	µg/L	NV	16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Chloroform	µg/L	NV	0.81	1.3	1.3	0.55	0.5	0.5 U	0.5 U	9.5	8.8
Chloromethane	µg/L	NV	190	5 U	1 U	5 U	1 U	5 U	1 U	20 U	4 U
cis-1,2-Dichloroethene	µg/L	6	6	0.41 J	0.45 J	0.5 U	0.5 U	0.5 U	0.5 U	**14**	**13**
cis-1,3-Dichloropropene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Dibromoethane	µg/L	NV	0.05	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Dibromomethane	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Dichlorodifluoromethane	µg/L	NV	NV	1 U	1 U	1 U	1 U	1 U	1 U	4 U	4 U
Dichloromethane	µg/L	NV	5	1 U	1 U	1 U	1 U	1 U	1 U	4 U	4 U

Table 4
Omar Former Rendering Plant
Summary of Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCLS	RWQCB ESL (Jan 2019)	MW-02		MW-03		MW-08		MW-13	
Sample ID				MW-	MW-	MW-	MW-	MW-	MW-	MW-	MW-
Sample Date				8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021
Diisopropyl ether	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Ethanol	µg/L	NV	NV	50 U	50 U	50 U	50 U	50 U	50 U	200 U	200 U
Ethyl tert-butyl ether	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Ethylbenzene	µg/L	300	3.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Isopropylbenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Methyl bromide	µg/L	NV	7.5	2 U	1 U	2 U	1 U	2 U	1 U	8 U	4 U
Methyl ethyl ketone	µg/L	NV	5600	5 U	5 U	5 U	5 U	5 U	5 U	20 U	20 U
Methyl tertiary butyl ether (MTBE)	µg/L	13	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Naphthalene	µg/L	NV	0.17	1 U	1 U	1 U	1 U	1 U	1 U	4 U	4 U
n-Butylbenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
p-Isopropyltoluene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Propylbenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
sec-Butylbenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Styrene	µg/L	NV	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
tert-Amyl methyl ether	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
tert-Butyl alcohol	µg/L	NV	12	10 U	5 U	10 U	5 U	10 U	5 U	40 U	20 U
tert-Butylbenzene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Tetrachloroethene	µg/L	5	0.64	0.5 U	0.71	0.5 U	0.5 U	0.5 U	0.5 U	1.2 J	3.7
Toluene	µg/L	150	40	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
trans-1,2-Dichloroethene	µg/L	10	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.69 J	2 U
trans-1,3-Dichloropropene	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Trichloroethene	µg/L	5	1.2	1.1	1.6	0.52	0.35 J	1.6	1	48	61
Trichlorofluoromethane	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Vinyl acetate	µg/L	NV	NV	5 U	5 U	5 U	5 U	5 U	5 U	20 U	20 U
Vinyl chloride	µg/L	0.5	0.0086	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Xylene-o	µg/L	NV	NV	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U
Xylenes-m,p	µg/L	NV	NV	1 U	1 U	1 U	1 U	1 U	1 U	4 U	4 U

Notes:
J - estimated value
MCL - Maximum Contaminant Level
NV - no value
RWQCB ESL - Regional Water Quality Control Board Environmental Screening Levels, January 2019
U - not detected at or above the stated reporting limit
µg/L - micrograms per liter
Shaded cells indicated concentrations above MCLs and ESLs

Table 4
Omar Former Rendering Plant
Summary of Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCLS	RWQCB ESL (Jan 2019)	MW-16		MW-16		MW-17		MW-18		MW-18		MW-20		MW-20	
Sample ID				MW-		MW-		MW-		MW-		MW-		MW-		MW-	
Sample Date				8/12/2020		1/20/2021		8/12/2020		8/11/2020		1/20/2021		8/12/2020		1/20/2021	
VOLATILES																	
1,1,1,2-Tetrachloroethane	µg/L	200	0.57	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	µg/L	5	62	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	µg/L	1	1	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	µg/L	5	5	0.58	J	0.37	J	0.5	U	0.5	U	0.5	U	0.18	J	0.28	J
1,1-Dichloroethane	µg/L	5	5	1.3		0.78		0.5	U	0.16	J	0.5	U	0.24	J	0.5	U
1,1-Dichloroethene	µg/L	6	3.2	4.4	J	2.8		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane	µg/L	NV	0.005	2	U	0.5	U	1	U	1	U	0.5	U	1	U	0.5	U
1,2,4-Trichlorobenzene	µg/L	NV	5	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trimethylbenzene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-chloropropane	µg/L	NV	0.028	10	U	1	U	5	U	5	U	1	U	5	U	1	U
1,2-Dichlorobenzene	µg/L	NV	14	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	µg/L	0.5	0.5	0.15	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	µg/L	5	2.3	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3,5-Trimethylbenzene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	µg/L	NV	65	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	µg/L	NV	NV	2	U	0.5	U	1	U	1	U	0.5	U	1	U	0.5	U
1,4-Dichlorobenzene	µg/L	5	2.6	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane	µg/L	NV	NV	2	U	0.5	U	1	U	1	U	0.5	U	1	U	0.5	U
2-Chlorotoluene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Hexanone	µg/L	NV	NV	20	U	6	U	10	U	10	U	6	U	10	U	6	U
4-Chlorotoluene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Methyl-2-pentanone (MIBK)	µg/L	NV	120	10	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	µg/L	NV	1500	20	U	8	U	10	U	10	U	8	U	10	U	8	U
Benzene	µg/L	1	0.42	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	µg/L	NV	NV	2	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	µg/L	NV	0.87	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	µg/L	NV	80	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon disulfide	µg/L	NV	NV	20	U	1	U	10	U	10	U	1	U	10	U	1	U
Carbon tetrachloride	µg/L	NV	0.061	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	µg/L	NV	25	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorodibromomethane	µg/L	NV	46	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	µg/L	NV	16	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	µg/L	NV	0.81	0.78	J	0.49	J	0.5	U	0.21	J	0.5	U	0.5	U	0.5	U
Chloromethane	µg/L	NV	190	10	U	1	U	5	U	5	U	1	U	5	U	1	U
cis-1,2-Dichloroethene	µg/L	6	6	2.3		1.9		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromoethane	µg/L	NV	0.05	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	µg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	µg/L	NV	NV	2	U	1	U	1	U	1	U	1	U	1	U	1	U
Dichloromethane	µg/L	NV	5	2	U	1	U	1	U	1	U	1	U	1	U	1	U

Table 4
Omar Former Rendering Plant
Summary of Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCLS	RWQCB ESL (Jan 2019)	MW-16		MW-17	MW-18		MW-20	
Sample ID				MW-	MW-	MW-	MW-	MW-	MW-	MW-
Sample Date				8/12/2020	1/20/2021	8/12/2020	8/11/2020	1/20/2021	8/12/2020	1/20/2021
Diisopropyl ether	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethanol	µg/L	NV	NV	100 U	50 U	50 U	50 U	50 U	50 U	50 U
Ethyl tert-butyl ether	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	µg/L	300	3.5	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl bromide	µg/L	NV	7.5	4 U	1 U	2 U	2 U	1 U	2 U	1 U
Methyl ethyl ketone	µg/L	NV	5600	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tertiary butyl ether (MTBE)	µg/L	13	5	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	µg/L	NV	0.17	2 U	1 U	1 U	1 U	1 U	1 U	1 U
n-Butylbenzene	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Propylbenzene	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	µg/L	NV	10	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Amyl methyl ether	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butyl alcohol	µg/L	NV	12	20 U	5 U	10 U	4.6 J	5 U	10 U	5 U
tert-Butylbenzene	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	5	0.64	1.4	0.91	0.5 U	1.1	1	0.51	0.75
Toluene	µg/L	150	40	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	µg/L	10	10	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	5	1.2	44	28	3.5	3.7	4.3	13	16
Trichlorofluoromethane	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl acetate	µg/L	NV	NV	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	µg/L	0.5	0.0086	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene-o	µg/L	NV	NV	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylenes-m,p	µg/L	NV	NV	2 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:
J - estimated value
MCL - Maximum Contaminant Level
NV - no value
RWQCB ESL - Regional Water Quality Control Board Environmental Screening Levels, January 2019
U - not detected at or above the stated reporting limit
µg/L - micrograms per liter
Shaded cells indicated concentrations above MCLs and ESLs

Table 4
Omar Former Rendering Plant
Summary of Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCLS	RWQCB ESL (Jan 2019)	MW-21R		MW-22		MW-23		MW-24		TPMW-01	
Sample ID				MW-		MW-		MW-		MW-		MW-		TPMW-	
Sample Date				8/12/2020		1/20/2021		8/11/2020		1/19/2021		8/12/2020		1/20/2021		8/11/2020		1/20/2021		1/20/2021	
VOLATILES																					
1,1,1,2-Tetrachloroethane	µg/L	200	0.57	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,1,1-Trichloroethane	µg/L	5	62	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,1,2,2-Tetrachloroethane	µg/L	1	1	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,1,2-Trichloroethane	µg/L	5	5	87	J	100		0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,1-Dichloroethane	µg/L	5	5	350		340		8.8		6.7		76	J	200	U	320		270		1	U
1,1-Dichloroethene	µg/L	6	3.2	210	J	180		0.39	J	0.5	U	38	J	200	U	32	J	100	U	1	U
1,1-Dichloropropene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,2,3-Trichlorobenzene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,2,3-Trichloropropane	µg/L	NV	0.005	200	U	100	U	1	U	0.5	U	200	U	200	U	200	U	100	U	1	U
1,2,4-Trichlorobenzene	µg/L	NV	5	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,2,4-Trimethylbenzene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,2-Dibromo-3-chloropropane	µg/L	NV	0.028	1000	U	200	U	5	U	1	U	1000	U	400	U	1000	U	200	U	2	U
1,2-Dichlorobenzene	µg/L	NV	14	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,2-Dichloroethane	µg/L	0.5	0.5	36	J	100	U	0.5	U	0.5	U	100	U	200	U	21	J	100	U	1	U
1,2-Dichloropropane	µg/L	5	2.3	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,3,5-Trimethylbenzene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,3-Dichlorobenzene	µg/L	NV	65	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
1,3-Dichloropropane	µg/L	NV	NV	200	U	100	U	1	U	0.5	U	200	U	200	U	200	U	100	U	1	U
1,4-Dichlorobenzene	µg/L	5	2.6	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
2,2-Dichloropropane	µg/L	NV	NV	200	U	100	U	1	U	0.5	U	200	U	200	U	200	U	100	U	1	U
2-Chlorotoluene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
2-Hexanone	µg/L	NV	NV	2000	U	1200	U	10	U	6	U	2000	U	2400	U	2000	U	1200	U	12	U
4-Chlorotoluene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
4-Methyl-2-pentanone (MIBK)	µg/L	NV	120	1000	U	1000	U	5	U	5	U	1000	U	2000	U	1000	U	1000	U	10	U
Acetone	µg/L	NV	1500	2000	U	1600	U	10	U	8	U	2000	U	3200	U	2000	U	1600	U	16	U
Benzene	µg/L	1	0.42	46	J	100	U	0.37	J	0.32	J	100	U	200	U	14	J	100	U	1	U
Bromobenzene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Bromochloromethane	µg/L	NV	NV	200	U	200	U	1	U	1	U	200	U	400	U	200	U	200	U	2	U
Bromodichloromethane	µg/L	NV	0.87	100	U	100	U	0.5	U	0.5	U	100	U	200	U	12	J	100	U	1	U
Bromoform	µg/L	NV	80	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Carbon disulfide	µg/L	NV	NV	2000	U	200	U	10	U	1	U	2000	U	400	U	2000	U	200	U	2	U
Carbon tetrachloride	µg/L	NV	0.061	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Chlorobenzene	µg/L	NV	25	100	U	100	U	0.12	J	0.5	U	100	U	200	U	100	U	100	U	1	U
Chlorodibromomethane	µg/L	NV	46	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Chloroethane	µg/L	NV	16	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Chloroform	µg/L	NV	0.81	140		140		0.45	J	0.35	J	19	J	200	U	170		130		1	U
Chloromethane	µg/L	NV	190	1000	U	200	U	5	U	1	U	1000	U	400	U	1000	U	200	U	2	U
cis-1,2-Dichloroethene	µg/L	6	6	730		730		7		5.8		27	J	200	U	100	U	100	U	0.66	J
cis-1,3-Dichloropropene	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Dibromoethane	µg/L	NV	0.05	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Dibromomethane	µg/L	NV	NV	100	U	100	U	0.5	U	0.5	U	100	U	200	U	100	U	100	U	1	U
Dichlorodifluoromethane	µg/L	NV	NV	200	U	200	U	1	U	1	U	200	U	400	U	200	U	200	U	2	U
Dichloromethane	µg/L	NV	5	30	J	200	U	1	U	1	U	200	U	400	U	69	J	200	U	2	U

Table 4
Omar Former Rendering Plant
Summary of Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCLS	RWQCB ESL (Jan 2019)	MW-21R		MW-22		MW-23		MW-24		TPMW-01
Sample ID				MW-	MW-	MW-	MW-	MW-	MW-	MW-	MW-	TPMW-
Sample Date				8/12/2020	1/20/2021	8/11/2020	1/19/2021	8/12/2020	1/20/2021	8/11/2020	1/20/2021	1/20/2021
Diisopropyl ether	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Ethanol	µg/L	NV	NV	10000 U	10000 U	50 U	50 U	10000 U	20000 U	10000 U	10000 U	100 U
Ethyl tert-butyl ether	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Ethylbenzene	µg/L	300	3.5	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Isopropylbenzene	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Methyl bromide	µg/L	NV	7.5	400 U	200 U	2 U	1 U	400 U	400 U	400 U	200 U	2 U
Methyl ethyl ketone	µg/L	NV	5600	1000 U	1000 U	5 U	5 U	1000 U	2000 U	1000 U	1000 U	10 U
Methyl tertiary butyl ether (MTBE)	µg/L	13	5	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Naphthalene	µg/L	NV	0.17	200 U	200 U	1 U	1 U	200 U	400 U	200 U	200 U	2 U
n-Butylbenzene	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
p-Isopropyltoluene	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Propylbenzene	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
sec-Butylbenzene	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Styrene	µg/L	NV	10	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
tert-Amyl methyl ether	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
tert-Butyl alcohol	µg/L	NV	12	2000 U	930 J	10 U	5 U	2000 U	2000 U	2100	3500	10 U
tert-Butylbenzene	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Tetrachloroethene	µg/L	5	0.64	200	240	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Toluene	µg/L	150	40	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
trans-1,2-Dichloroethene	µg/L	10	10	100 U	100 U	0.68	0.51	100 U	200 U	100 U	100 U	1 U
trans-1,3-Dichloropropene	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Trichloroethene	µg/L	5	1.2	8000	9300	17	16	9100	7800	4500	4200	6.3
Trichlorofluoromethane	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Vinyl acetate	µg/L	NV	NV	1000 U	1000 U	5 U	5 U	1000 U	2000 U	1000 U	1000 U	10 U
Vinyl chloride	µg/L	0.5	0.0086	100 U	100 U	18	11	100 U	200 U	100 U	100 U	1 U
Xylene-o	µg/L	NV	NV	100 U	100 U	0.5 U	0.5 U	100 U	200 U	100 U	100 U	1 U
Xylenes-m,p	µg/L	NV	NV	36 J	200 U	1 U	1 U	200 U	400 U	200 U	200 U	2 U

Notes:
J - estimated value
MCL - Maximum Contaminant Level
NV - no value
RWQCB ESL - Regional Water Quality Control Board Environmental Screening Levels, January 2019
U - not detected at or above the stated reporting limit
µg/L - micrograms per liter
Shaded cells indicated concentrations above MCLs and ESLs

Table 5
Omar Former Rendering Plant
Summary of Metals and General Chemistry Parameters-August 2020 and January 2021

Location Code		MCLS	RWCQB ESLs (Jan 2019)	MW-02				MW-03				MW-08				MW-13			
Sample Date	Units			8/11/2020		1/19/2021		8/11/2020		1/19/2021		8/11/2020		1/19/2021		8/11/2020		1/19/2021	
General Chemistry																			
Alkalinity as CaCO3	mg/L	NV	NV	110		108		132		134		138		139		455		436	
Alkalinity, bicarbonate	mg/L	NV	NV	110		108		132		134		138		139		455		436	
Alkalinity, carbonate	mg/L	NV	NV	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloride	mg/L	500	NV	7200		7300		4300		4000		2500		2800		4900		5100	
Nitrate	mg/L	NV	NV	13		13		13		13		12		12		86		95	
o-Phosphate (as P)	mg/L	NV	NV	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U	0.5	U	0.5	U
Sulfate	mg/L	500	NV	610		510		520		440		440		440		370		390	
Total Dissolved Solids	mg/L	1500	NV	16200		12800		9230		7900		6190		5750		10000		10700	
Dissolved Metals																			
Arsenic	mg/L	0.05	0.01	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Barium	mg/L	1	1	0.0618		0.0614		0.0483		0.0482		0.0326		0.0314		0.242		0.231	
Cadmium	mg/L	0.005	0.00025	0.01	U	0.0052	J	0.01	U	0.0044	J	0.01	U	0.0041	J	0.01	U	0.0047	J
Chromium	mg/L	0.05	0.05	0.0145	J	0.0391	J	0.0106	J	0.0085	J	0.05	U	0.05	U	0.0125	J	0.0089	J
Copper	mg/L	1	0.0031	0.05	U	0.0092	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.012	J
Lead	mg/L	0.015	0.0025	0.032	J	0.016	J	0.0476	J	0.0188	J	0.0439	J	0.0223	J	0.0423	J	0.0198	J
Mercury	mg/L	0.002	0.000025	0.0016		0.002		0.0005	U	0.001		0.0005	U	0.0005	U	0.0005	U	0.0005	U
Molybdenum	mg/L	NV	0.1	0.0183	J	0.0162	J	0.0562		0.0565		0.115		0.111		0.0222	J	0.0225	J
Nickel	mg/L	0.1	0.0082	1.18		1.08		1.46		1.49		0.892		0.842		0.0346	J	0.031	J
Selenium	mg/L	0.05	0.0005	0.0345	J	0.1	U	0.0247	J	0.1	U	0.0311	J	0.1	U	0.0346	J	0.1	U
Silver	mg/L	0.1	0.00019	0.012	U	0.0106		0.01	U	0.01	U	0.01	U	0.01	U	0.1	U	0.0041	J
Thallium	mg/L	0.002	0.002	0.05	U	0.5	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U	0.0216	J	0.05	U
Vanadium	mg/L	NV	0.019	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Zinc	mg/L	5	0.081	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Calcium	mg/L	NV	NV	921		901		531		541		369		396		631		654	
Iron	mg/L	NV	NV	0.186	J	0.377	J	0.5	U	0.5	U	0.5	U	0.5	U	0.204	J	0.16	J
Magnesium	mg/L	NV	NV	279		284		103		107		45.3		45.6		218		222	
Manganese	mg/L	0.05	NV	0.0518		0.0467	J	0.0179	J	0.0052	J	0.0045	J	0.05	U	0.0042	J	0.0144	J
Potassium	mg/L	NV	NV	16.7		15.5		16.1	J	16.1		14.6		14.8		21.1		20.5	
Sodium	mg/L	NV	NV	3470		3350		2210		1960		1550		1540		2750		2810	

Notes:

J - estimated value

MCL - Maximum Contaminant Level

mg/L - milligrams per liter

NV - no value

RWQCB ESL - Regional Water Quality Control Board Environmental Screening Levels, January 2019

U - not detected at or above the stated reporting limit

Shaded cells indicated concentrations above MCLs and ESLs

Table 5
Omar Former Rendering Plant
Summary of Metals and General Chemistry Parameters-August 2020 and January 2021

Location Code		MCLS	RWCQB ESLs (Jan 2019)	MW-16				MW-17		MW-18				MW-20				MW-21R			
Sample Date	Units			8/12/2020		1/20/2021		8/12/2020		8/11/2020		1/20/2021		8/12/2020		1/20/2021		8/12/2020		1/20/2021	
General Chemistry																					
Alkalinity as CaCO3	mg/L	NV	NV	527		526		364		252		254		518		466		717		703	
Alkalinity, bicarbonate	mg/L	NV	NV	527		526		364		252		254		518		466		717		703	
Alkalinity, carbonate	mg/L	NV	NV	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloride	mg/L	500	NV	3500		4500		1700		8800		9300		5400		6900		4700		5300	
Nitrate	mg/L	NV	NV	73		67		13		29		30		60		55		660		720	
o-Phosphate (as P)	mg/L	NV	NV	0.5	U	0.5	U	0.2	U	1	U	1	U	0.5	U	0.5	U	0.5	U	2	U
Sulfate	mg/L	500	NV	970		1100		560		1700		1600		1600		1700		1600		1700	
Total Dissolved Solids	mg/L	1500	NV	10300		9910		6040		20800		16600		14000		13200		19400		12200	
Dissolved Metals																					
Arsenic	mg/L	0.05	0.01	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.0416	J
Barium	mg/L	1	1	0.0576		0.0499		0.104		0.0449		0.0433		0.0469		0.0455		0.0711		0.0652	
Cadmium	mg/L	0.005	0.00025	0.0023	J	0.01	U	0.01	U	0.0023	J	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Chromium	mg/L	0.05	0.05	0.0128	J	0.05	U	0.0083	J	0.0186	J	0.05	U	0.224		0.171		0.0342	J	0.05	U
Copper	mg/L	1	0.0031	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.0282	J	0.0336	J
Lead	mg/L	0.015	0.0025	0.0309	J	0.05	U	0.0328	J	0.0258	J	0.0083	J	0.0291	J	0.05	U	0.0396	J	0.0084	J
Mercury	mg/L	0.002	0.000025	0.0002	J	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Molybdenum	mg/L	NV	0.1	0.0058	J	0.011	J	0.05	U	0.0108	J	0.0226	J	0.05	U	0.0168	J	0.0212	J	0.0306	J
Nickel	mg/L	0.1	0.0082	0.0105	J	0.0685		0.05	U	0.05	U	0.115		0.0224	J	0.109		0.566		0.859	
Selenium	mg/L	0.05	0.0005	0.0432	J	0.0452	J	0.1	U	0.0506	J	0.0627	J	0.0343	J	0.0364	J	0.1	U	0.1	U
Silver	mg/L	0.1	0.00019	0.0031	J	0.01	U	0.0032	J	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Thallium	mg/L	0.002	0.002	0.05	U	0.05	U	0.0218	J	0.0268	J	0.05	U	0.05	U	0.05	U	0.0276	J	0.05	U
Vanadium	mg/L	NV	0.019	0.01	U	0.01	U	0.008	J	0.01	U	0.01	U	0.009	J	0.0089	J	0.01	U	0.01	U
Zinc	mg/L	5	0.081	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Calcium	mg/L	NV	NV	596		520		356		969		973		833		786		1370		1370	
Iron	mg/L	NV	NV	0.134	J	0.5	U	0.5	U	0.195	J	0.5	U	0.147	J	0.5	U	0.192	J	0.5	U
Magnesium	mg/L	NV	NV	289		172		178		486		260		462		239		549		279	
Manganese	mg/L	0.05	NV	0.0462	J	0.0273	J	0.705		0.05	U	0.05	U	0.05	U	0.0045	J	4.29		4.17	
Potassium	mg/L	NV	NV	11.2		8.83		4.87		12.9		10.1		9.92		8.26		31.6		25.9	
Sodium	mg/L	NV	NV	2400		2090		967		5060		4450		3820		3130		3030		2810	

Notes:

J - estimated value

MCL - Maximum Contaminant Level

mg/L - milligrams per liter

NV - no value

RWQCB ESL - Regional Water Quality Control Board Environmental Screening Levels, January 2019

U - not detected at or above the stated reporting limit

Shaded cells indicated concentrations above MCLs and ESLs

Table 5
Omar Former Rendering Plant
Summary of Metals and General Chemistry Parameters-August 2020 and January 2021

Location Code		MCLS	RWCQB ESLs (Jan 2019)	MW-22				MW-23				MW-24				TPMW-01	
Sample Date	Units			8/11/2020		1/19/2021		8/12/2020		1/20/2021		8/11/2020		1/20/2021		1/20/2021	
General Chemistry																	
Alkalinity as CaCO3	mg/L	NV	NV	324		332		685		656		326		323		499	
Alkalinity, bicarbonate	mg/L	NV	NV	324		332		685		656		326		323		499	
Alkalinity, carbonate	mg/L	NV	NV	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloride	mg/L	500	NV	4600		4800		2900		3500		8600		9300		3600	
Nitrate	mg/L	NV	NV	4.1		4		230		260		2300		2500		8	
o-Phosphate (as P)	mg/L	NV	NV	0.5	U	0.5	U	0.5	U	0.5	U	2	U	2	U	0.5	U
Sulfate	mg/L	500	NV	550		510		1500		1600		2100		2000		810	
Total Dissolved Solids	mg/L	1500	NV	11400		9920		11000		9050		29800		31500		7940	
Dissolved Metals																	
Arsenic	mg/L	0.05	0.01	0.1	U	0.1	U	0.0372	J	0.0238	J	0.1	U	0.0508	J	0.1	U
Barium	mg/L	1	1	0.112		0.107		0.0451		0.0462		0.0998		0.0943		0.318	
Cadmium	mg/L	0.005	0.00025	0.01	U	0.0038	J	0.0038	J	0.01	U	0.01	U	0.01	U	0.01	U
Chromium	mg/L	0.05	0.05	0.0123	J	0.0104	J	0.0927		0.0689		0.163		0.139		0.05	U
Copper	mg/L	1	0.0031	0.05	U	0.05	U	0.05	U	0.05	U	0.0072	J	0.05	U	0.05	U
Lead	mg/L	0.015	0.0025	0.0415	J	0.0212	J	0.025	J	0.05	U	0.0328	J	0.0198	J	0.05	U
Mercury	mg/L	0.002	0.000025	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Molybdenum	mg/L	NV	0.1	0.05	U	0.05	U	0.24		0.314		0.05	U	0.026	J	0.0167	J
Nickel	mg/L	0.1	0.0082	0.132		0.116		0.692		0.597		1.24		2.09		0.045	J
Selenium	mg/L	0.05	0.0005	0.0346	J	0.1	U	0.1	U	0.1	U	0.0264	J	0.1	U	0.1	U
Silver	mg/L	0.1	0.00019	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Thallium	mg/L	0.002	0.002	0.0233	J	0.174	J	0.05	U	0.05	U	0.0298	J	0.05	U	0.05	U
Vanadium	mg/L	NV	0.019	0.01	U	0.0041	J	0.155		0.138		0.01	U	0.01	U	0.0091	J
Zinc	mg/L	5	0.081	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Calcium	mg/L	NV	NV	669		669		361		322		3190		2910		626	
Iron	mg/L	NV	NV	0.173	J	0.128	J	0.169	J	0.5	U	0.224	J	0.5	U	3.72	
Magnesium	mg/L	NV	NV	216		216		382		224		827		306		193	
Manganese	mg/L	0.05	NV	0.485		0.333		0.421		0.05	U	0.87		0.844		1.91	
Potassium	mg/L	NV	NV	21.8		21.2		7.39		5.84		45.8		36.7		5.34	
Sodium	mg/L	NV	NV	2550		2550		2580		2310		4950		4230		1530	

Notes:

J - estimated value

MCL - Maximum Contaminant Level

mg/L - milligrams per liter

NV - no value

RWQCB ESL - Regional Water Quality Control Board Environmental Screening Levels, January 2019

U - not detected at or above the stated reporting limit

Shaded cells indicated concentrations above MCLs and ESLs

Table 6
Omar Former Rendering Plant
Summary of Semi-Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCL	RWQCB ESL (Jan 2019)	MW-02		MW-03		MW-08		MW-13	
Sample ID				MW-	MW-	MW-	MW-	MW-	MW-	MW-	MW-
Sample Date				8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021
Semivolatile Organic Compounds											
1,2,4-Trichlorobenzene	µg/L	NV	5	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
1,2-Dichlorobenzene	µg/L	NV	14	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
1,3-Dichlorobenzene	µg/L	NV	65	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
1,4-Dichlorobenzene	µg/L	5	2.6	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
1-Methyl Naphthalene	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,2'-Oxybis(1-Chloropropane)	µg/L	NV	0.36	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,4,5-Trichlorophenol	µg/L	NV	11	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,4,6-Trichlorophenol	µg/L	NV	0.63	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,4-Dichlorophenol	µg/L	NV	0.3	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,4-Dimethylphenol	µg/L	NV	100	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,4-Dinitrophenol	µg/L	NV	39	47 U	48 U	47 U	49 U	48 U	50 U	48 U	48 U
2,4-Dinitrotoluene	µg/L	NV	0.24	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,6-DICHLOROPHENOL	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2,6-Dinitrotoluene	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2-Chloronaphthalene	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2-Chlorophenol	µg/L	NV	0.18	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2-Methylnaphthalene	µg/L	NV	2.1	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2-Methylphenol	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2-Nitroaniline	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
2-Nitrophenol	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
3,3'-Dichlorobenzidine	µg/L	NV	0.046	24 U	24 U	24 U	24 U	24 U	25 U	24 U	24 U
3,4-Methylphenol	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
3-Nitroaniline	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
4,6-Dinitro-2-methylphenol	µg/L	NV	NV	47 U	48 U	47 U	49 U	48 U	50 U	48 U	48 U
4-Bromophenyl phenyl ether	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
4-Chloro-3-methylphenol	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
4-Chloroaniline	µg/L	NV	0.36	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
4-Chlorophenyl phenyl ether	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
4-Nitroaniline	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
4-Nitrophenol	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Acenaphthene	µg/L	NV	15	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Acenaphthylene	µg/L	NV	15	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Aniline	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Anthracene	µg/L	NV	0.73	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Azobenzene	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Benzidine	µg/L	NV	NV	47 U	48 U	47 U	49 U	48 U	50 U	48 U	48 U
Benzo(a)anthracene	µg/L	NV	0.017	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Benzo(a)pyrene	µg/L	NV	0.014	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Benzo(b)fluoranthene	µg/L	NV	0.049	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Benzo(g,h,i)perylene	µg/L	NV	0.1	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Benzo(k)fluoranthene	µg/L	NV	0.049	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Benzoic Acid	µg/L	NV	NV	47 U	48 U	47 U	49 U	48 U	50 U	48 U	48 U

Table 6
Omar Former Rendering Plant
Summary of Semi-Volatile Organic Compounds-August 2020 and January 2021

Location Code	Units	MCL	RWQCB ESL (Jan 2019)	MW-02		MW-03		MW-08		MW-13	
Sample ID				MW-	MW-	MW-	MW-	MW-	MW-	MW-	MW-
Sample Date				8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021	8/11/2020	1/19/2021
Semivolatile Organic Compounds											
Benzyl alcohol	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
bis(2-Chloroethoxy)methane	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
bis(2-Chloroethyl)ether	µg/L	NV	0.0063	24 U	24 U	24 U	24 U	24 U	25 U	24 U	24 U
bis(2-Ethylhexyl)phthalate	µg/L	NV	4	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Butyl benzyl phthalate	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	8.6 J
Chrysene	µg/L	NV	0.049	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Dibenzo(a,h)anthracene	µg/L	NV	0.025	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Dibenzofuran	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Diethyl phthalate	µg/L	NV	1.5	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Dimethyl phthalate	µg/L	NV	1.5	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Di-n-butyl phthalate	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Di-n-octyl phthalate	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Fluoranthene	µg/L	NV	8	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Fluorene	µg/L	NV	3.9	9.5 U	9.6 U	9.4 UJ	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Hexachlorobenzene	µg/L	NV	0.00077	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Hexachlorobutadiene	µg/L	NV	0.14	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Hexachlorocyclopentadiene	µg/L	NV	NV	24 U	24 U	24 U	24 U	24 U	25 U	24 U	24 U
Hexachloroethane	µg/L	NV	0.33	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Indeno(1,2,3-cd)pyrene	µg/L	NV	0.049	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Isophorone	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Naphthalene	µg/L	NV	0.17	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Nitrobenzene	µg/L	NV	NV	24 U	24 U	24 U	24 U	24 U	25 U	24 U	24 U
n-Nitrosodimethylamine	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
n-Nitrosodiphenylamine	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
n-Nitrosodipropylamine	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Pentachlorophenol	µg/L	NV	1	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Phenanthrene	µg/L	NV	4.6	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Phenol	µg/L	NV	5	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Pyrene	µg/L	NV	2	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U
Pyridine	µg/L	NV	NV	9.5 U	9.6 U	9.4 U	9.7 U	9.6 U	9.9 U	9.6 U	9.6 U

Notes:
J - estimated value
MCL - Maximum Contaminant Level
NV - no value
RWQCB ESL - Regional Water Quality Control Board Environmental Screening Levels, January 2019
U - not detected at or above the stated reporting limit
µg/L - micrograms per liter

Table 7
Omar Former Rendering Plant
Summary of Field QC Samples-August 2020 and January 2021

Sample Identification		Equpment Blank #1		Equpment Blank #2		Equpment Blank		Equpment Blank #1		Equpment Blank #2		Equpment Blank		Trip Blank #1		Trip Blank #2		Trip Blank		Trip Blank #1		Trip Blank #2		Trip Blank	
Sample Date		8/11/2020		8/11/2020		8/12/2020		1/19/2021		1/19/2021		1/20/2021		8/11/2020		8/11/2020		8/12/2020		1/19/2021		1/19/2021		1/20/2021	
Parameter	Units																								
1,1,1,2-Tetrachloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane	µg/L	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trimethylbenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dibromo-3-chloropropane	µg/L	5	U	5	U	5	U	1	U	1	U	1	U	5	U	5	U	5	U	1	U	1	U	1	U
1,2-Dichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3,5-Trimethylbenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	µg/L	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane	µg/L	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2-Chlorotoluene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Hexanone	µg/L	10	U	10	U	10	U	6	U	6	U	6	U	10	U	10	U	10	U	6	U	6	U	6	U
4-Chlorotoluene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Methyl-2-pentanone (MIBK)	µg/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	µg/L	12		15		17		8	U	8	U	8	U	10	U	10	U	10	U	8	U	8	U	8	U
Benzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon disulfide	µg/L	10	U	10	U	10	U	1	U	1	U	1	U	10	U	10	U	10	U	1	U	1	U	1	U
Carbon tetrachloride	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorodibromomethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	µg/L	5	U	5	U	5	U	1	U	1	U	1	U	5	U	5	U	5	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Table 7
Omar Former Rendering Plant
Summary of Field QC Samples-August 2020 and January 2021

Sample Identification		Equpment Blank #1		Equpment Blank #2		Equpment Blank		Equpment Blank #1		Equpment Blank #2		Equpment Blank		Trip Blank #1		Trip Blank #2		Trip Blank		Trip Blank #1		Trip Blank #2		Trip Blank	
Sample Date		8/11/2020		8/11/2020		8/12/2020		1/19/2021		1/19/2021		1/20/2021		8/11/2020		8/11/2020		8/12/2020		1/19/2021		1/19/2021		1/20/2021	
Parameter	**Units**																								
cis-1,3-Dichloropropene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromoethane	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	**µg/L**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dichloromethane	**µg/L**	0.077	J	0.077	J	1	U	1	U	1	U	1	U	0.077	J	1	U	0.13	J	1	U	1	U	1	U
Diisopropyl ether	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethanol	**µg/L**	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Ethyl tert-butyl ether	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Isopropylbenzene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl bromide	**µg/L**	2	U	2	U	2	U	1	U	1	U	1	U	2	U	2	U	2	U	1	U	1	U	1	U
Methyl ethyl ketone	**µg/L**	5	U	5	U	0.52	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl tertiary butyl ether (MTBE)	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	**µg/L**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Isopropyltoluene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Propylbenzene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
sec-Butylbenzene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Amyl methyl ether	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butyl alcohol	**µg/L**	10	U	10	U	7.5	J	5	U	5	U	5	U	10	U	10	U	10	U	5	U	5	U	5	U
tert-Butylbenzene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	**µg/L**	0.5	U	0.5	U	0.26	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl acetate	**µg/L**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene-o	**µg/L**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylenes-m,p	**µg/L**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U

Notes:

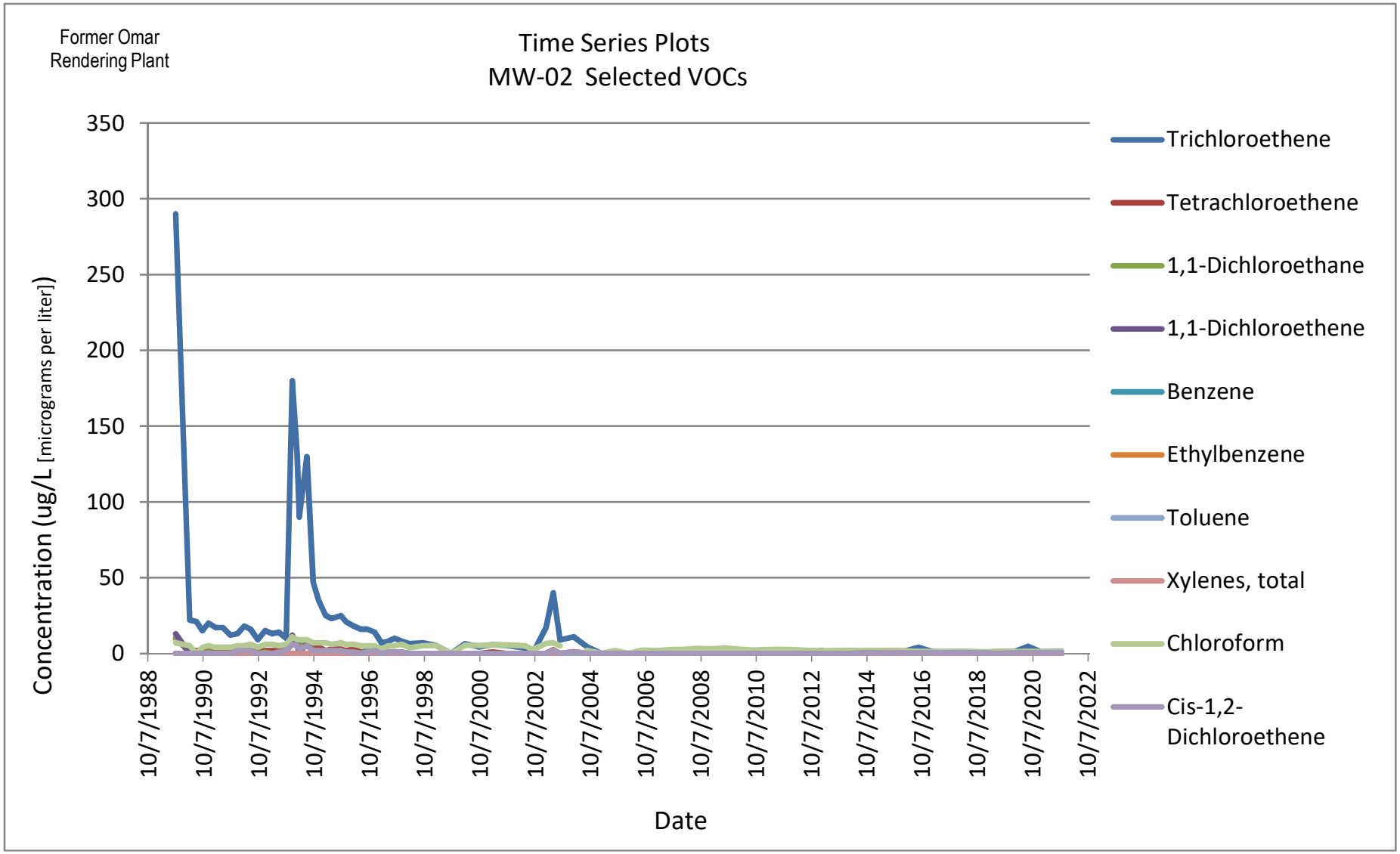
J - estimated value

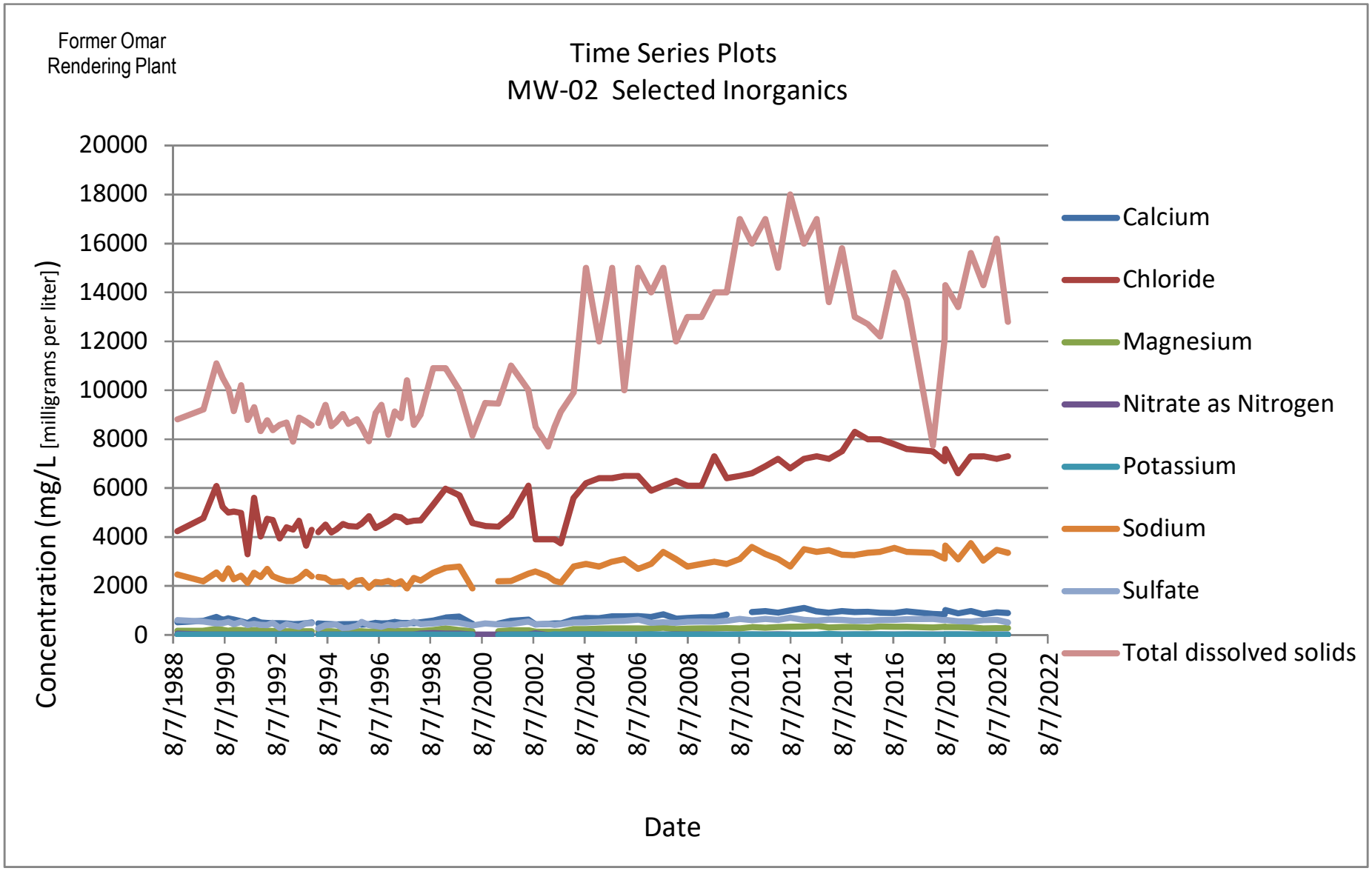
QC - quality control

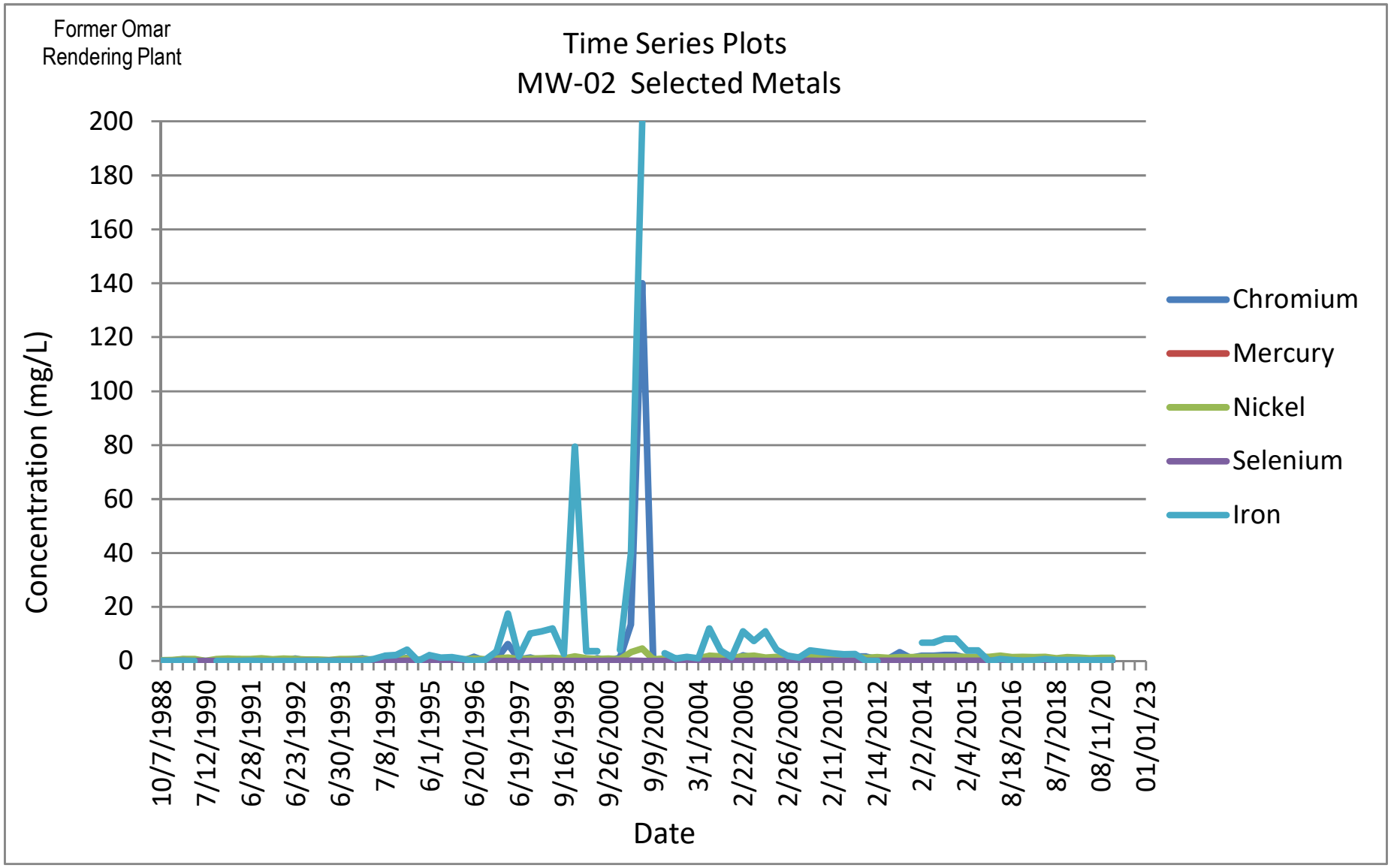
U - not detected at or above the stated reporting limit

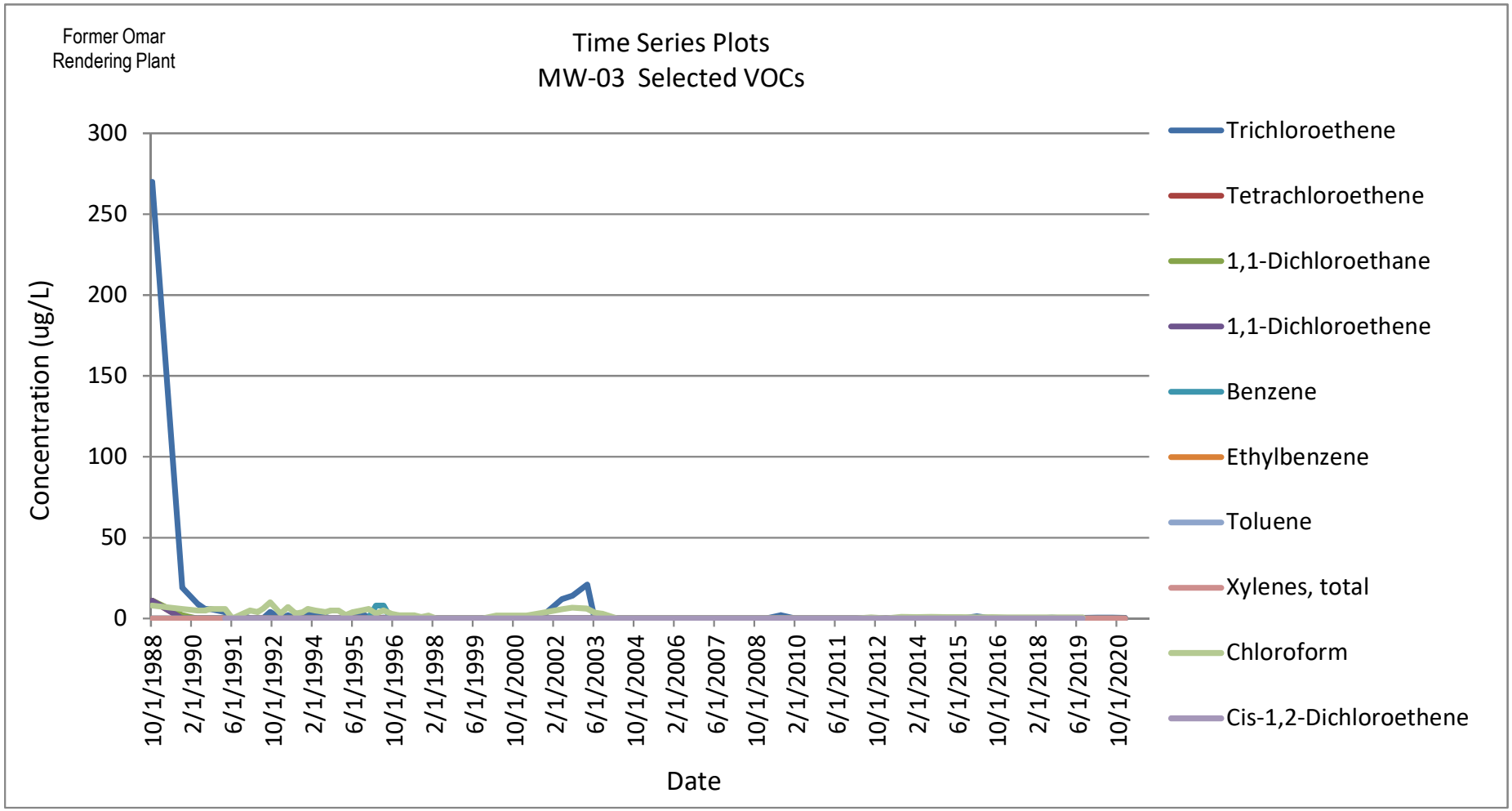
µg/L - micrograms per liter

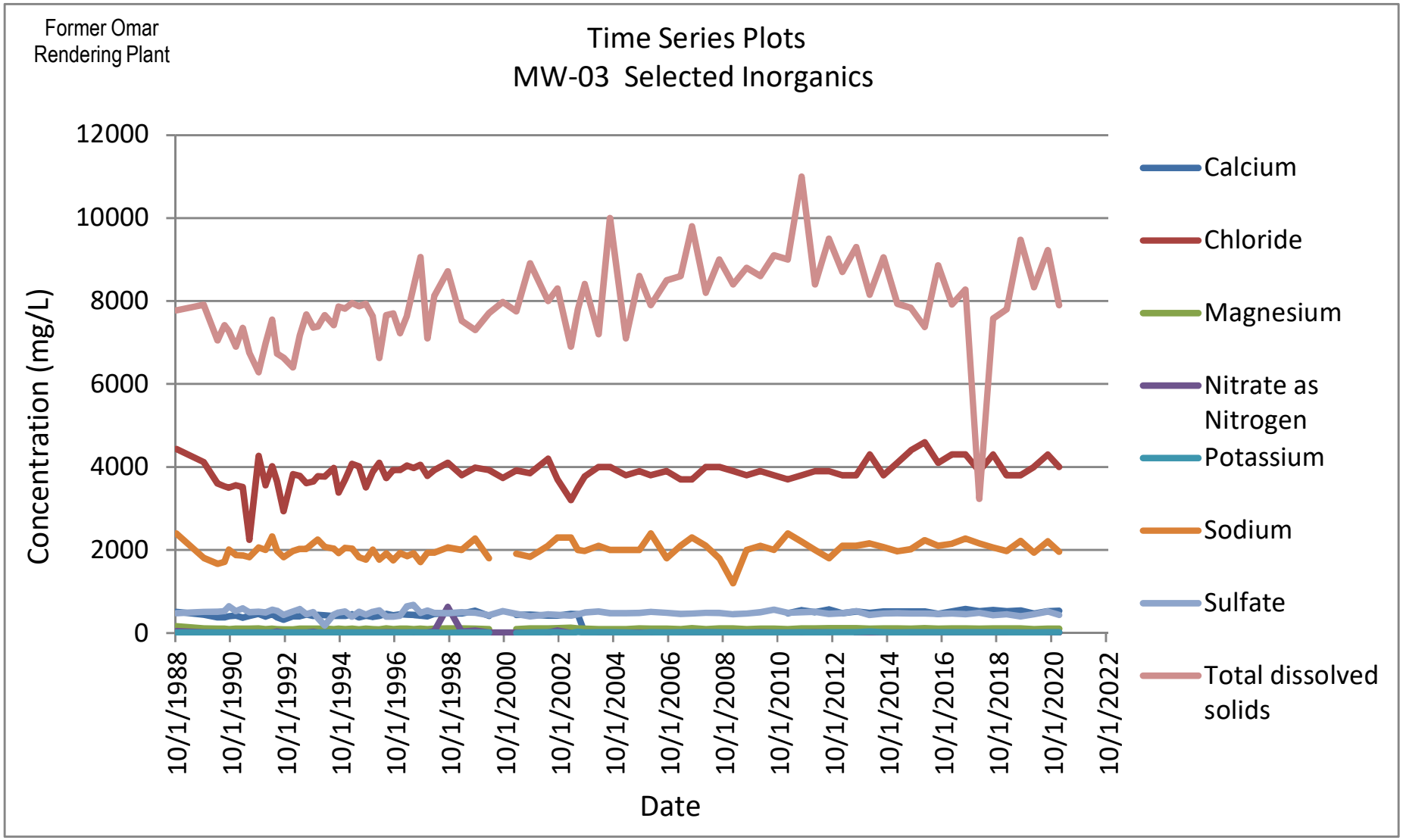
Appendix A
Time-Series Plots

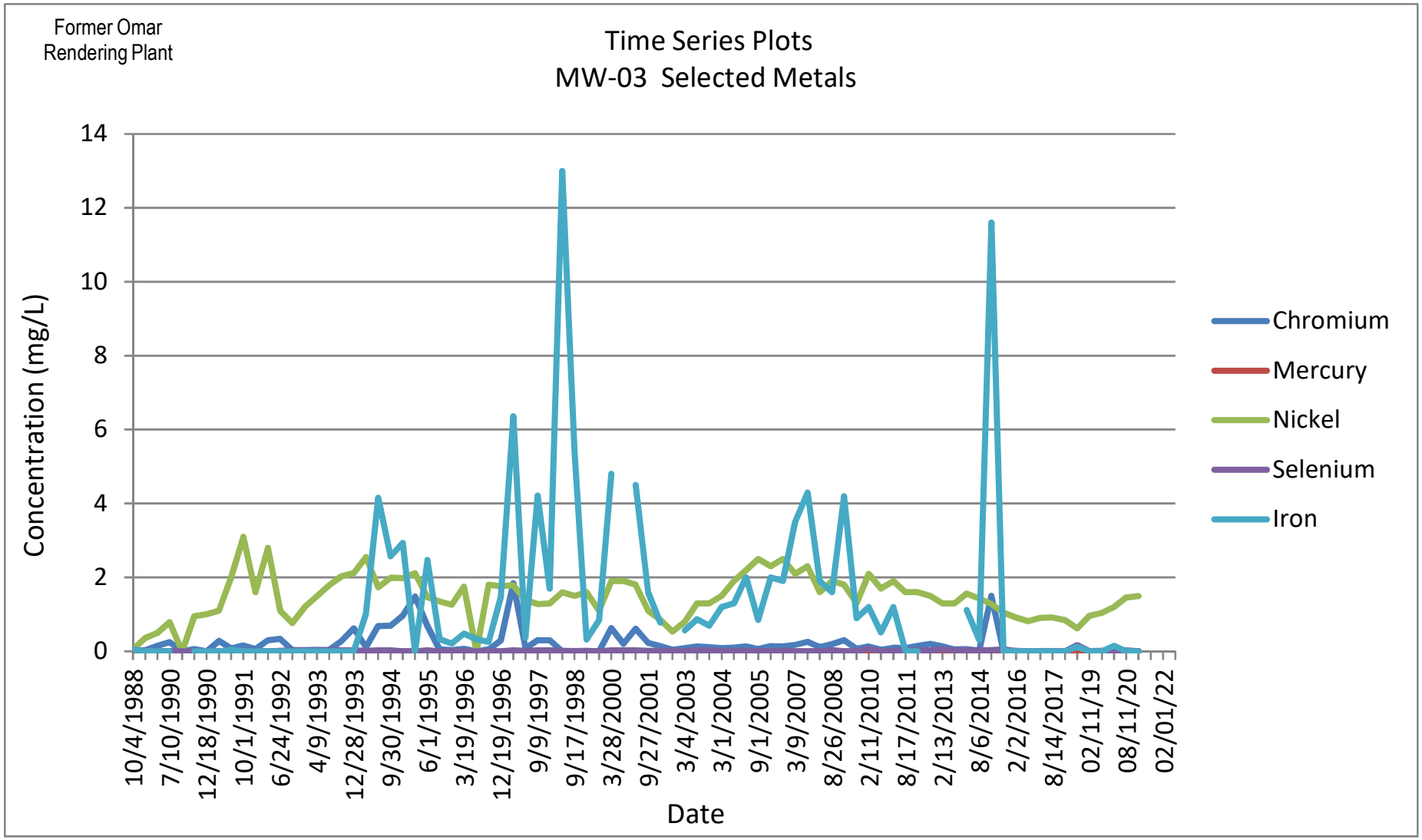

Former Omar
Rendering Plant
Time Series Plots
MW-02 Selected VOCs
Concentration (ug/L [micrograms per liter])
350
300
250
200
150
100
50
0
10/7/1988
10/7/1990
10/7/1992
10/7/1994
10/7/1996
10/7/1998
10/7/2000
10/7/2002
10/7/2004
10/7/2006
10/7/2008
10/7/2010
10/7/2012
10/7/2014
10/7/2016
10/7/2018
10/7/2020
10/7/2022
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
Cis-1,2-Dichloroethene

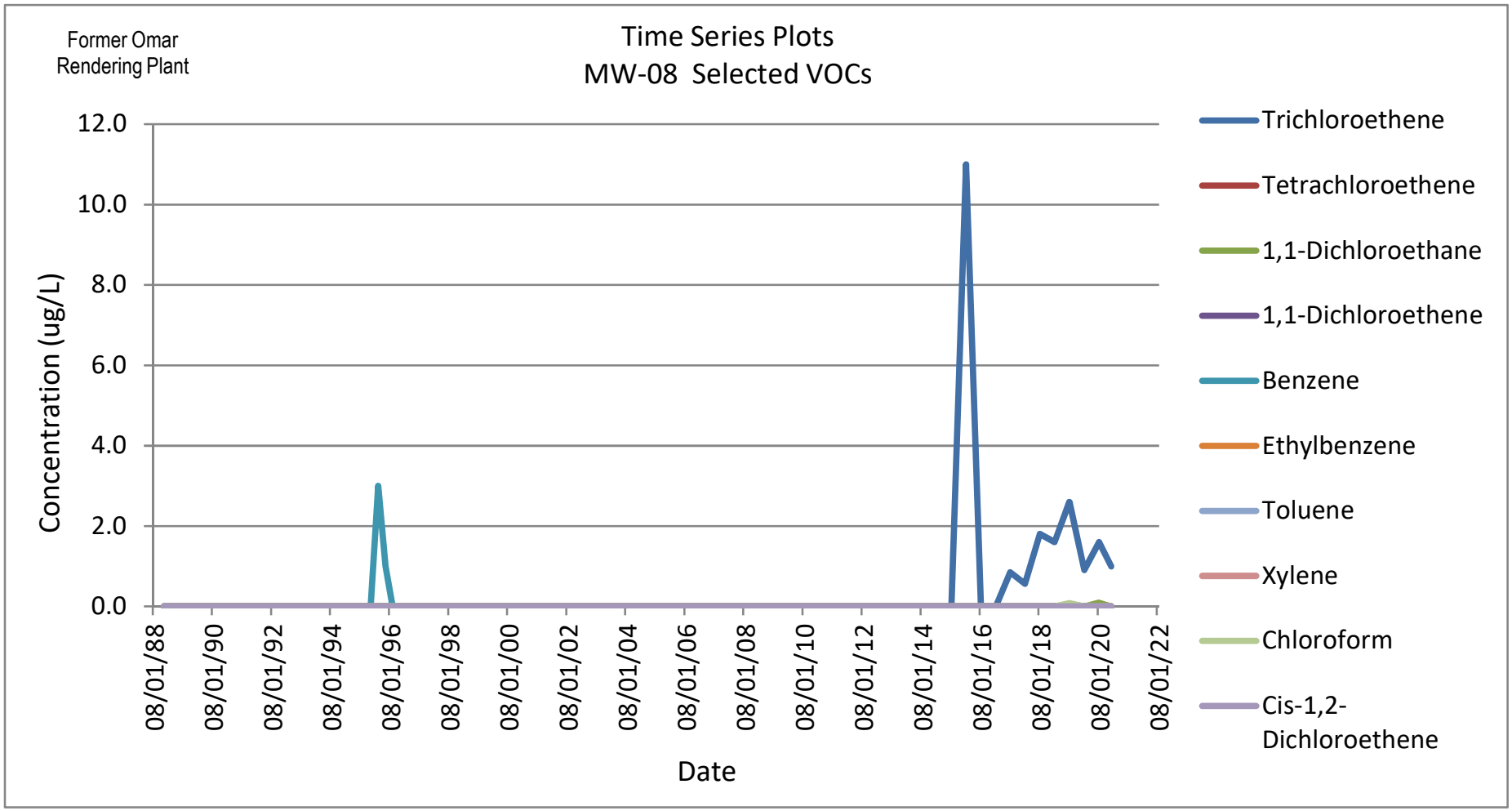

Former Omar
Rendering Plant
Time Series Plots
MW-02 Selected Inorganics
Concentration (mg/L [milligrams per liter])
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
8/7/1988
8/7/1990
8/7/1992
8/7/1994
8/7/1996
8/7/1998
8/7/2000
8/7/2002
8/7/2004
8/7/2006
8/7/2008
8/7/2010
8/7/2012
8/7/2014
8/7/2016
8/7/2018
8/7/2020
8/7/2022
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

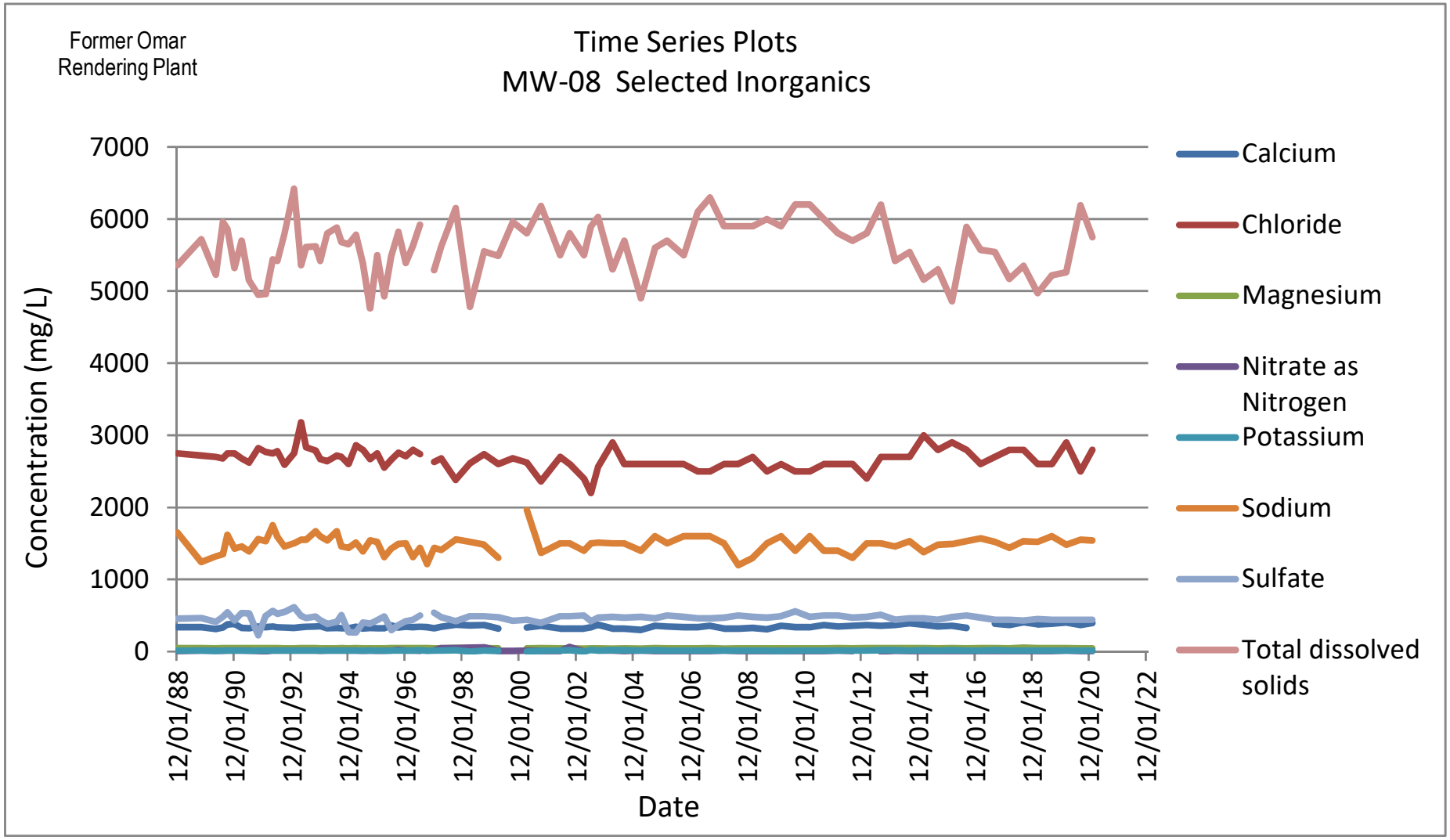

Former Omar
Rendering Plant
Time Series Plots
MW-02 Selected Metals
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
10/7/1988
7/12/1990
6/28/1991
6/23/1992
6/30/1993
7/8/1994
6/1/1995
6/20/1996
6/19/1997
9/16/1998
9/26/2000
9/9/2002
3/1/2004
2/22/2006
2/26/2008
2/11/2010
2/14/2012
2/2/2014
2/4/2015
8/18/2016
8/7/2018
08/11/20
01/01/23
Date
Chromium
Mercury
Nickel
Selenium
Iron

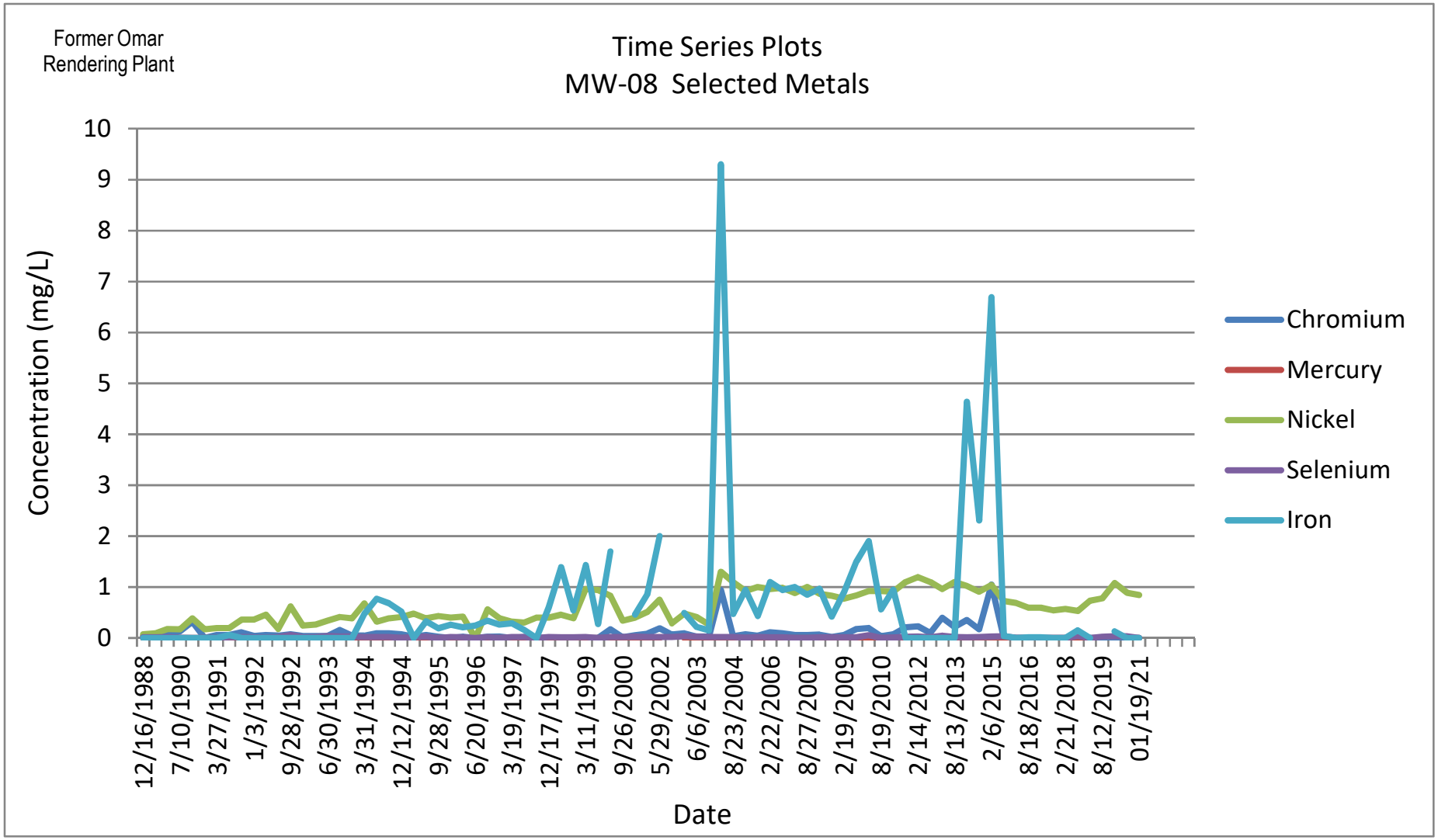

Former Omar
Rendering Plant
Time Series Plots
MW-03 Selected VOCs
Concentration (ug/L)
300
250
200
150
100
50
0
10/1/1988
2/1/1990
6/1/1991
10/1/1992
2/1/1994
6/1/1995
10/1/1996
2/1/1998
6/1/1999
10/1/2000
2/1/2002
6/1/2003
10/1/2004
2/1/2006
6/1/2007
10/1/2008
2/1/2010
6/1/2011
10/1/2012
2/1/2014
6/1/2015
10/1/2016
2/1/2018
6/1/2019
10/1/2020
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
Cis-1,2-Dichloroethene

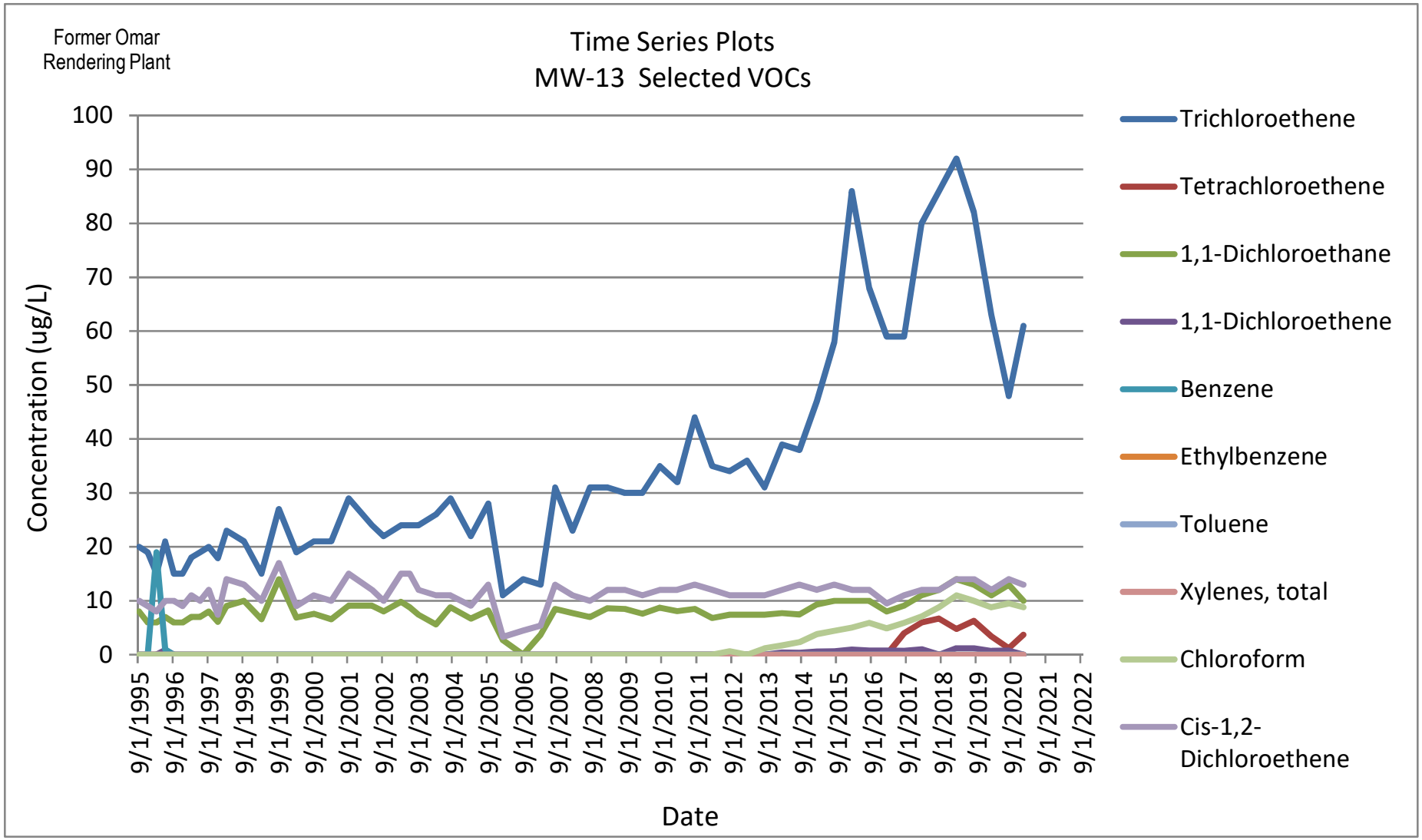

Former Omar
Rendering Plant
Time Series Plots
MW-03 Selected Inorganics
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
10/1/1988
10/1/1990
10/1/1992
10/1/1994
10/1/1996
10/1/1998
10/1/2000
10/1/2002
10/1/2004
10/1/2006
10/1/2008
10/1/2010
10/1/2012
10/1/2014
10/1/2016
10/1/2018
10/1/2020
10/1/2022
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

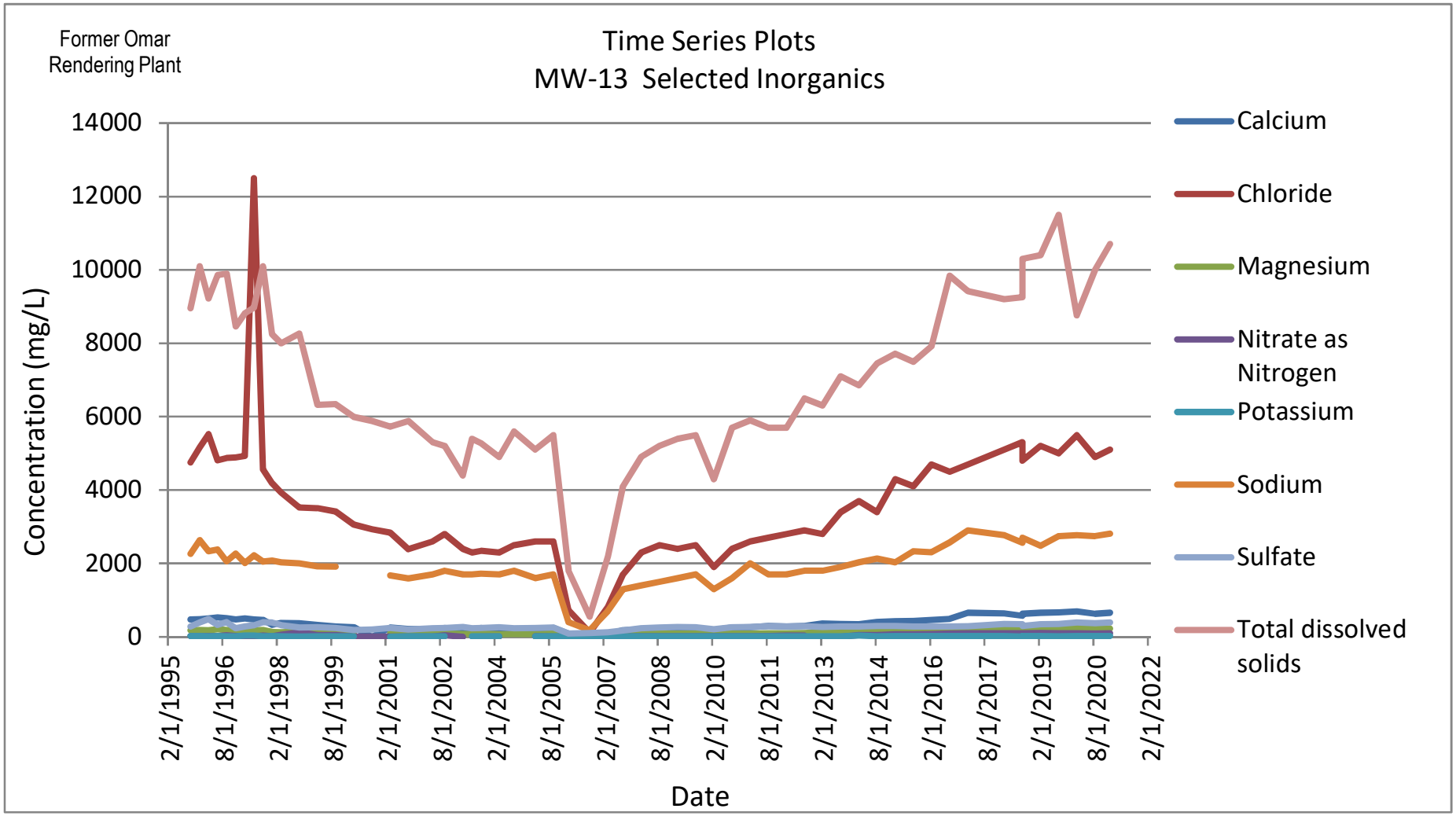

Former Omar
Rendering Plant
Time Series Plots
MW-03 Selected Metals
Concentration (mg/L)
14
12
10
8
6
4
2
0
10/4/1988
7/10/1990
12/18/1990
10/1/1991
6/24/1992
4/9/1993
12/28/1993
9/30/1994
6/1/1995
3/19/1996
12/19/1996
9/9/1997
9/17/1998
3/28/2000
9/27/2001
3/4/2003
3/1/2004
9/1/2005
3/9/2007
8/26/2008
2/11/2010
8/17/2011
2/13/2013
8/6/2014
2/2/2016
8/14/2017
02/11/19
08/11/20
02/01/22
Date
Chromium
Mercury
Nickel
Selenium
Iron

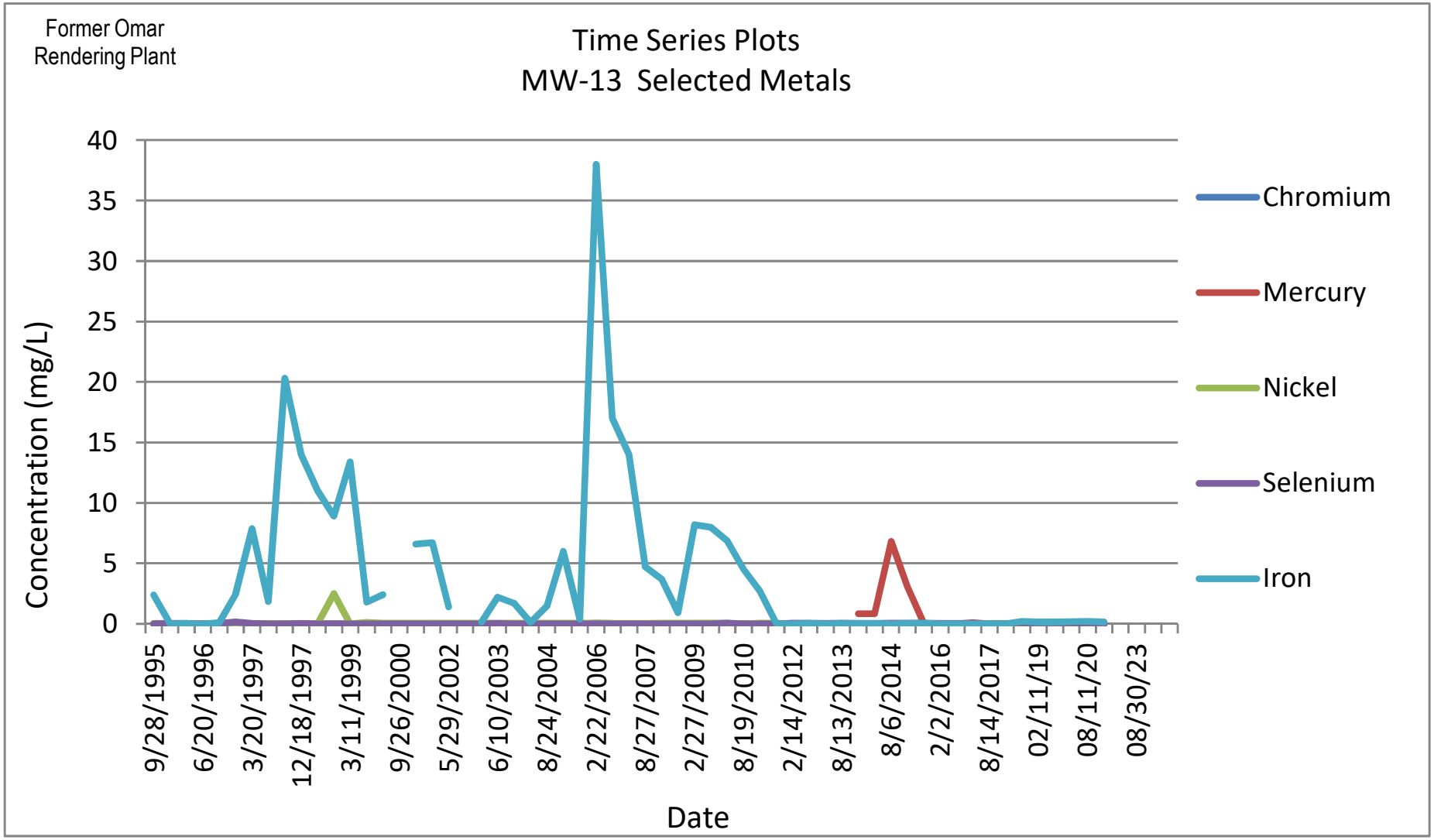

Former Omar
Rendering Plant
Time Series Plots
MW-08 Selected VOCs
Concentration (ug/L)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
08/01/88
08/01/90
08/01/92
08/01/94
08/01/96
08/01/98
08/01/00
08/01/02
08/01/04
08/01/06
08/01/08
08/01/10
08/01/12
08/01/14
08/01/16
08/01/18
08/01/20
08/01/22
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylene
Chloroform
Cis-1,2-Dichloroethene

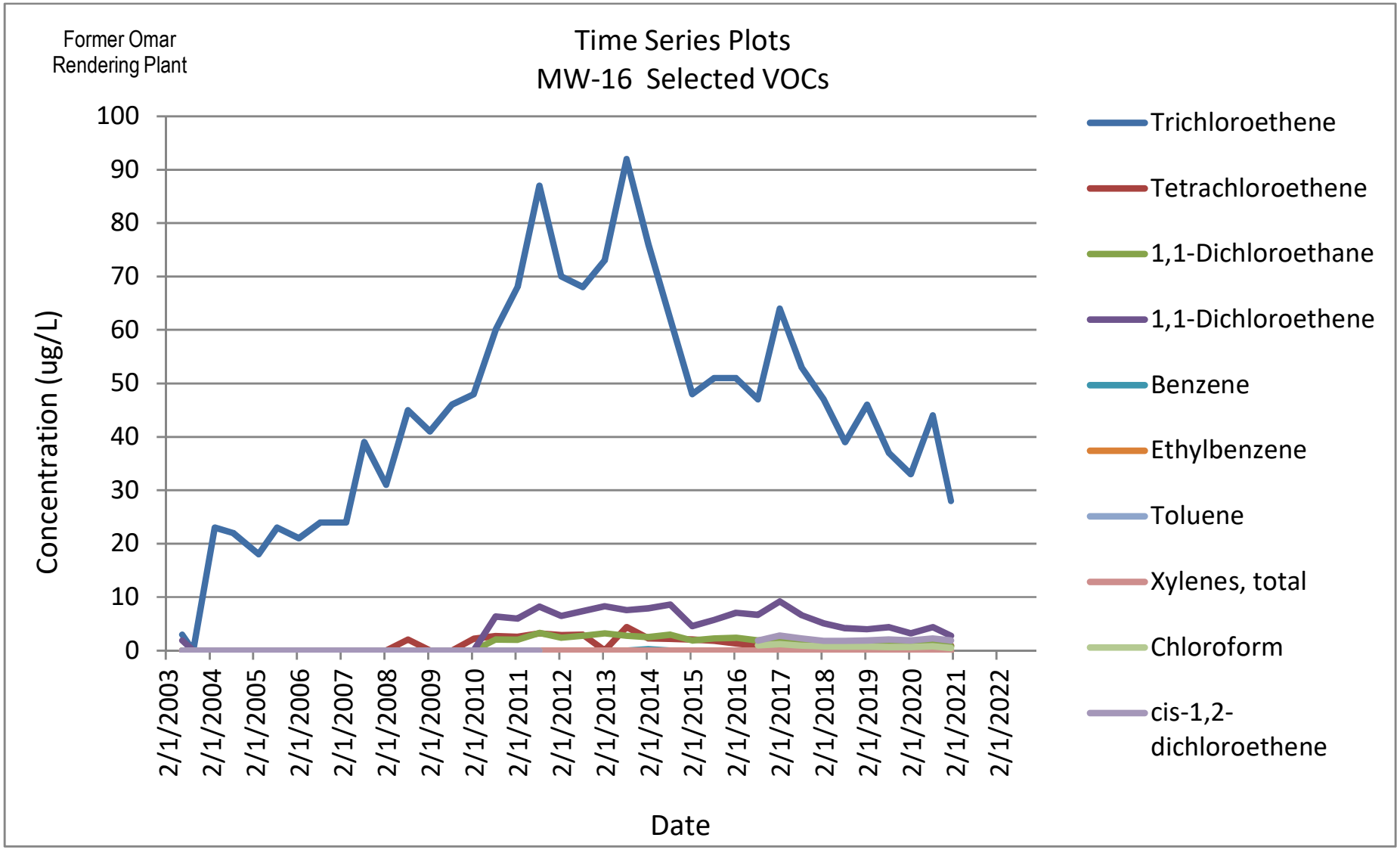

Former Omar
Rendering Plant
Time Series Plots
MW-08 Selected Inorganics
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
12/01/88
12/01/90
12/01/92
12/01/94
12/01/96
12/01/98
12/01/00
12/01/02
12/01/04
12/01/06
12/01/08
12/01/10
12/01/12
12/01/14
12/01/16
12/01/18
12/01/20
12/01/22
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

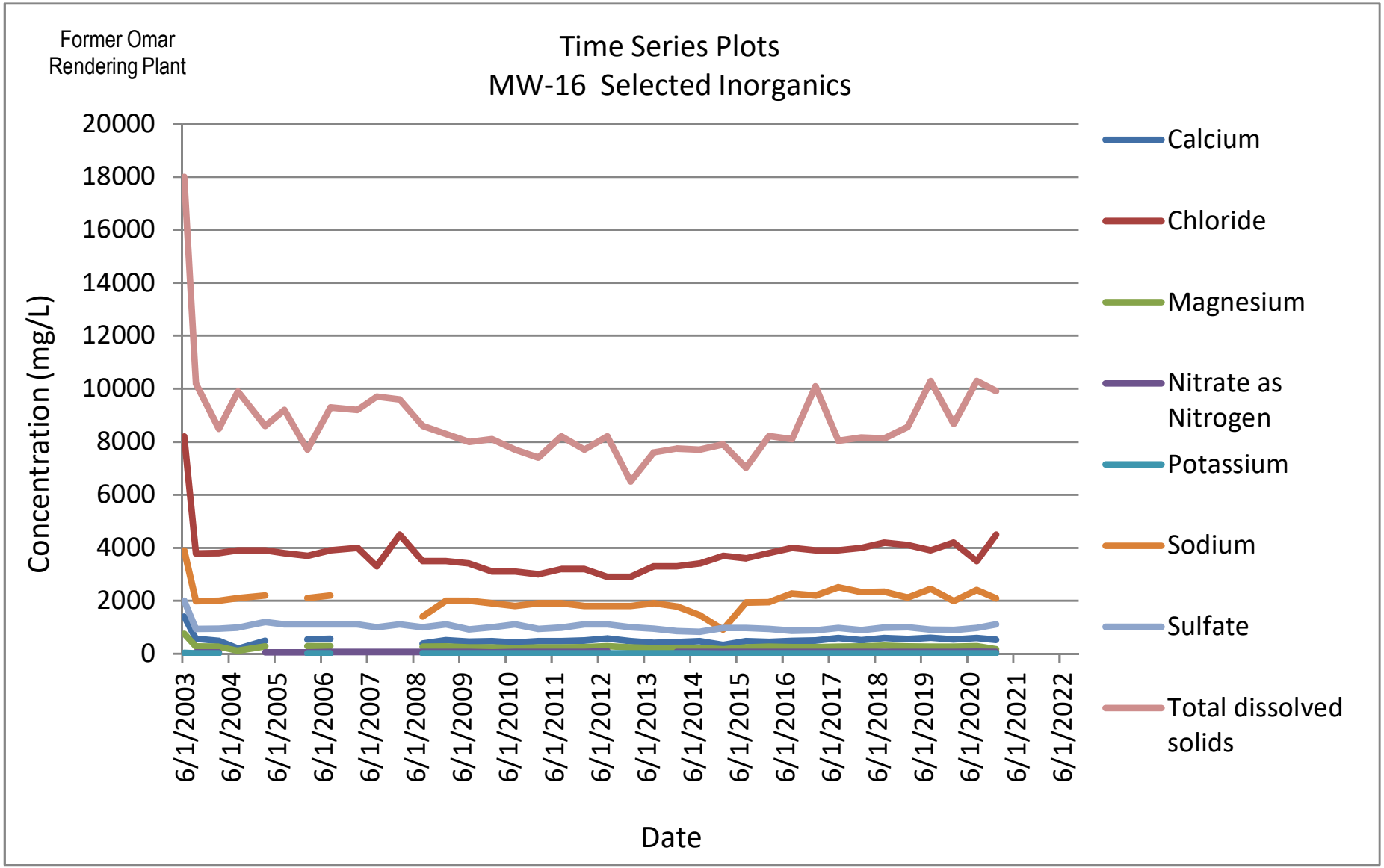

Former Omar
Rendering Plant
Time Series Plots
MW-08 Selected Metals
Concentration (mg/L)
10
9
8
7
6
5
4
3
2
1
0
12/16/1988
7/10/1990
3/27/1991
1/3/1992
9/28/1992
6/30/1993
3/31/1994
12/12/1994
9/28/1995
6/20/1996
3/19/1997
12/17/1997
3/11/1999
9/26/2000
5/29/2002
6/6/2003
8/23/2004
2/22/2006
8/27/2007
2/19/2009
8/19/2010
2/14/2012
8/13/2013
2/6/2015
8/18/2016
2/21/2018
8/12/2019
01/19/21
Date
Chromium
Mercury
Nickel
Selenium
Iron

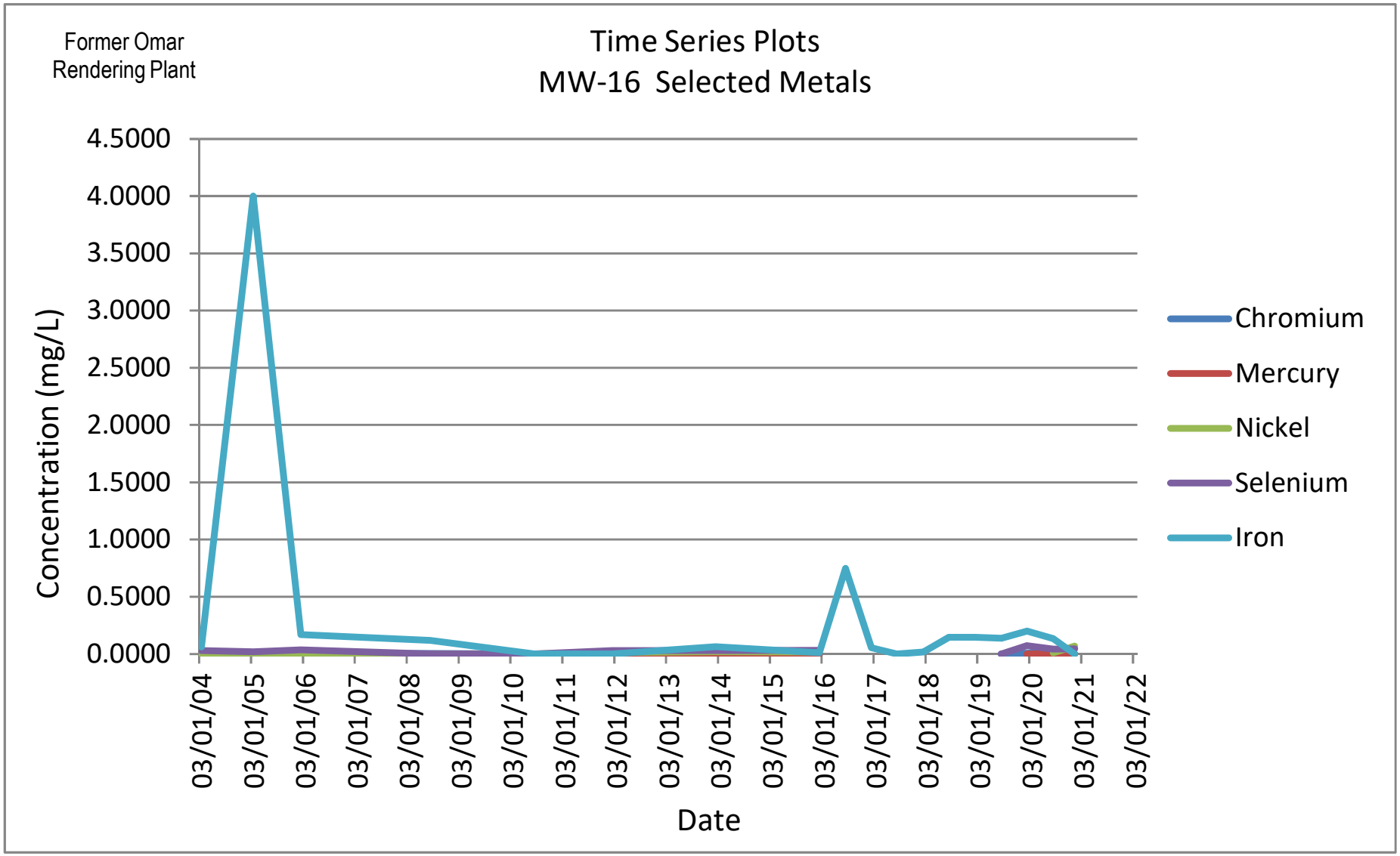

Former Omar
Rendering Plant
Time Series Plots
MW-13 Selected VOCs
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
9/1/1995
9/1/1996
9/1/1997
9/1/1998
9/1/1999
9/1/2000
9/1/2001
9/1/2002
9/1/2003
9/1/2004
9/1/2005
9/1/2006
9/1/2007
9/1/2008
9/1/2009
9/1/2010
9/1/2011
9/1/2012
9/1/2013
9/1/2014
9/1/2015
9/1/2016
9/1/2017
9/1/2018
9/1/2019
9/1/2020
9/1/2021
9/1/2022
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
Cis-1,2-
Dichloroethene

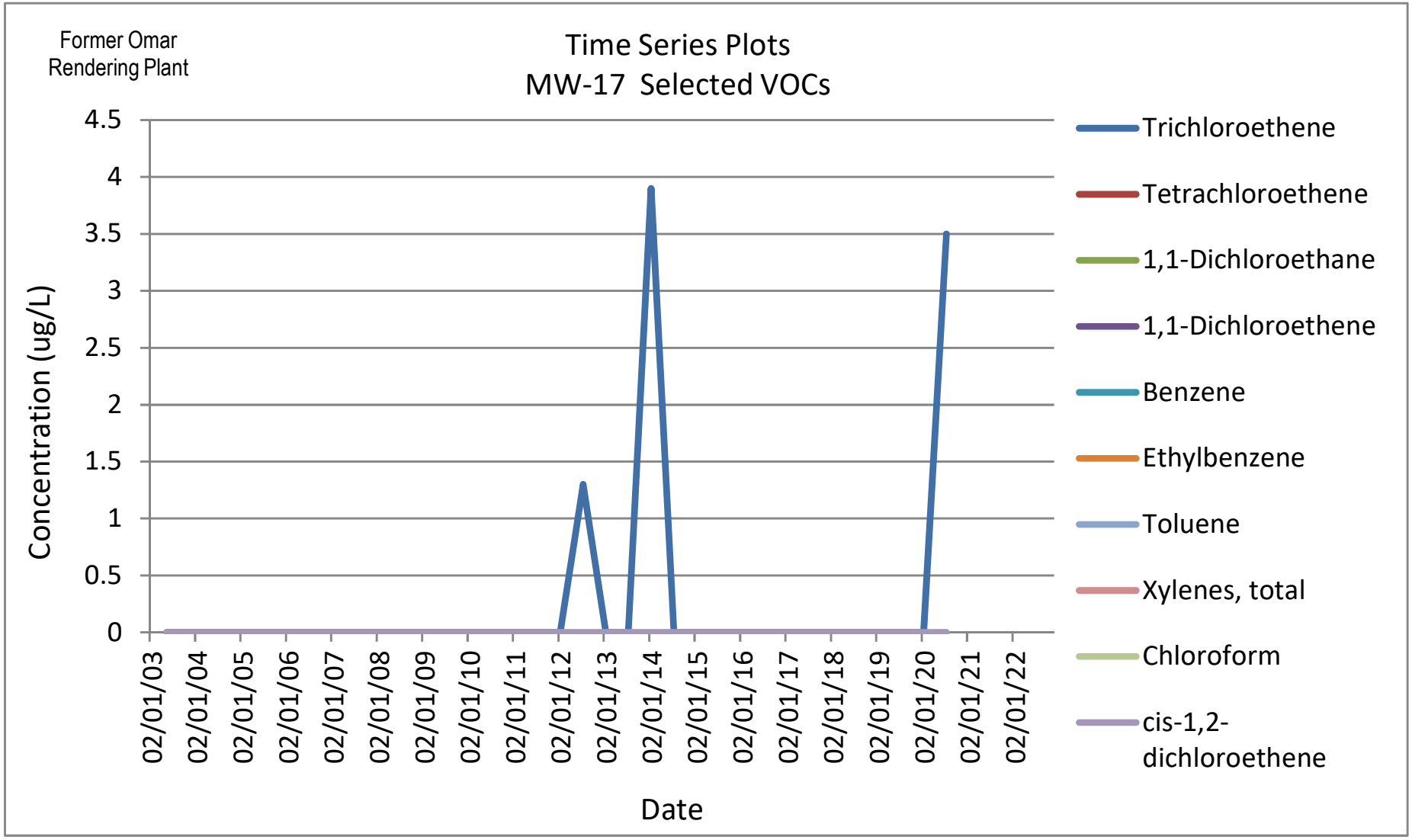

Former Omar
Rendering Plant
Time Series Plots
MW-13 Selected Inorganics
Concentration (mg/L)
14000
12000
10000
8000
6000
4000
2000
0
2/1/1995
8/1/1996
2/1/1998
8/1/1999
2/1/2001
8/1/2002
2/1/2004
8/1/2005
2/1/2007
8/1/2008
2/1/2010
8/1/2011
2/1/2013
8/1/2014
2/1/2016
8/1/2017
2/1/2019
8/1/2020
2/1/2022
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

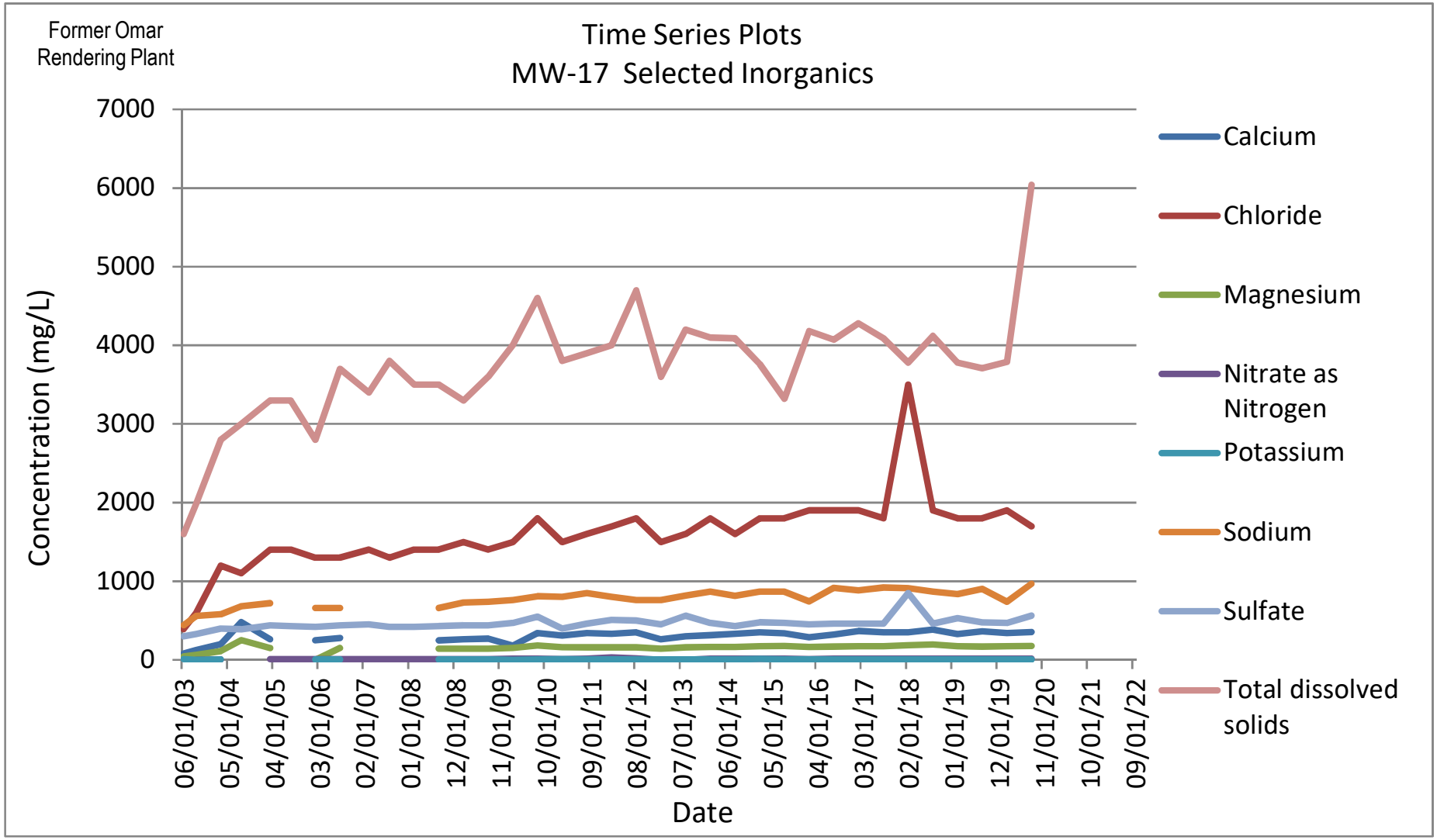

Former Omar
Rendering Plant
Time Series Plots
MW-13 Selected Metals
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
9/28/1995
6/20/1996
3/20/1997
12/18/1997
3/11/1999
9/26/2000
5/29/2002
6/10/2003
8/24/2004
2/22/2006
8/27/2007
2/27/2009
8/19/2010
2/14/2012
8/13/2013
8/6/2014
2/2/2016
8/14/2017
02/11/19
08/11/20
08/30/23
Date
Chromium
Mercury
Nickel
Selenium
Iron

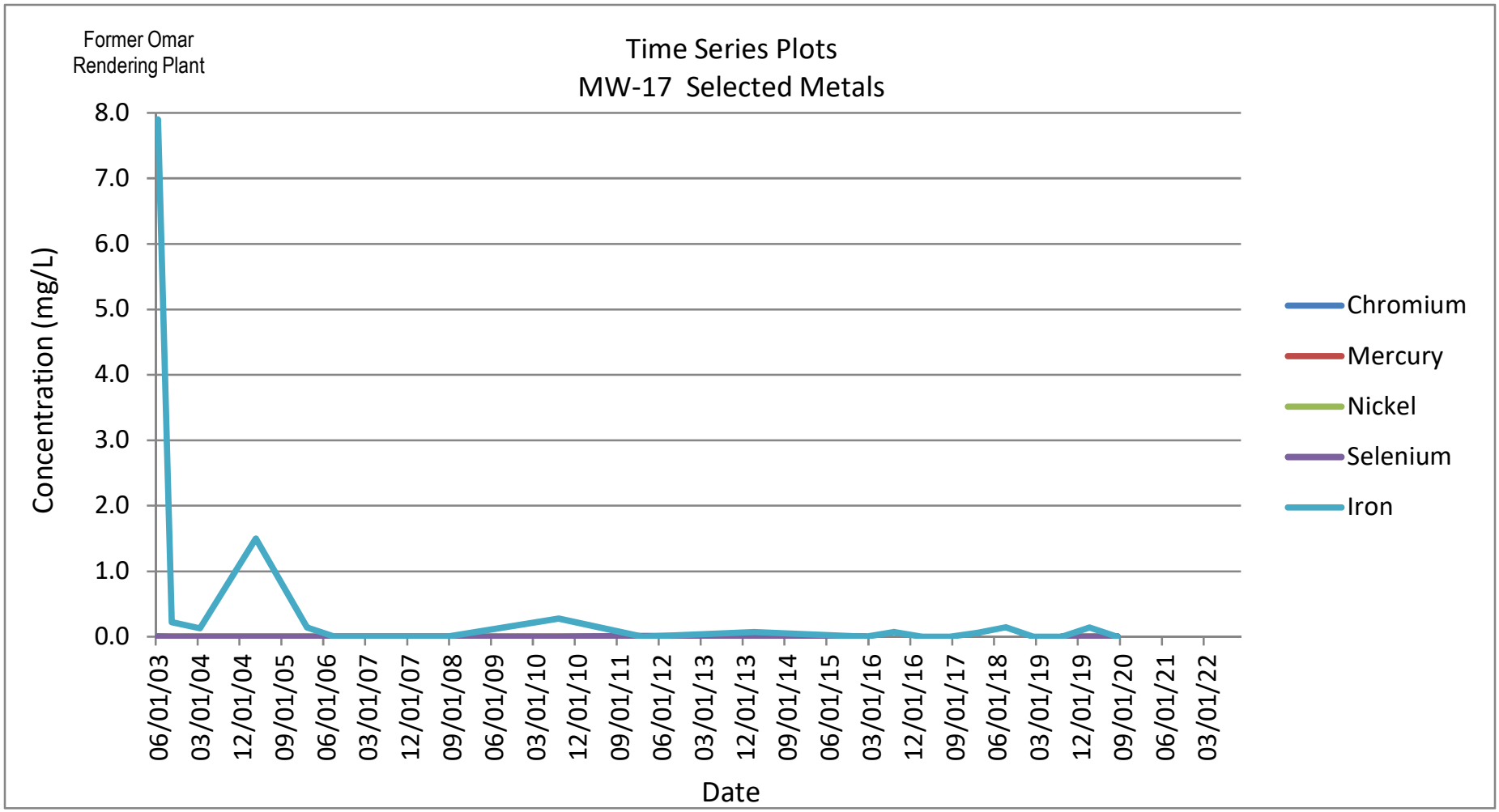

Former Omar
Rendering Plant
Time Series Plots
MW-16 Selected VOCs
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
2/1/2003
2/1/2004
2/1/2005
2/1/2006
2/1/2007
2/1/2008
2/1/2009
2/1/2010
2/1/2011
2/1/2012
2/1/2013
2/1/2014
2/1/2015
2/1/2016
2/1/2017
2/1/2018
2/1/2019
2/1/2020
2/1/2021
2/1/2022
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-dichloroethene

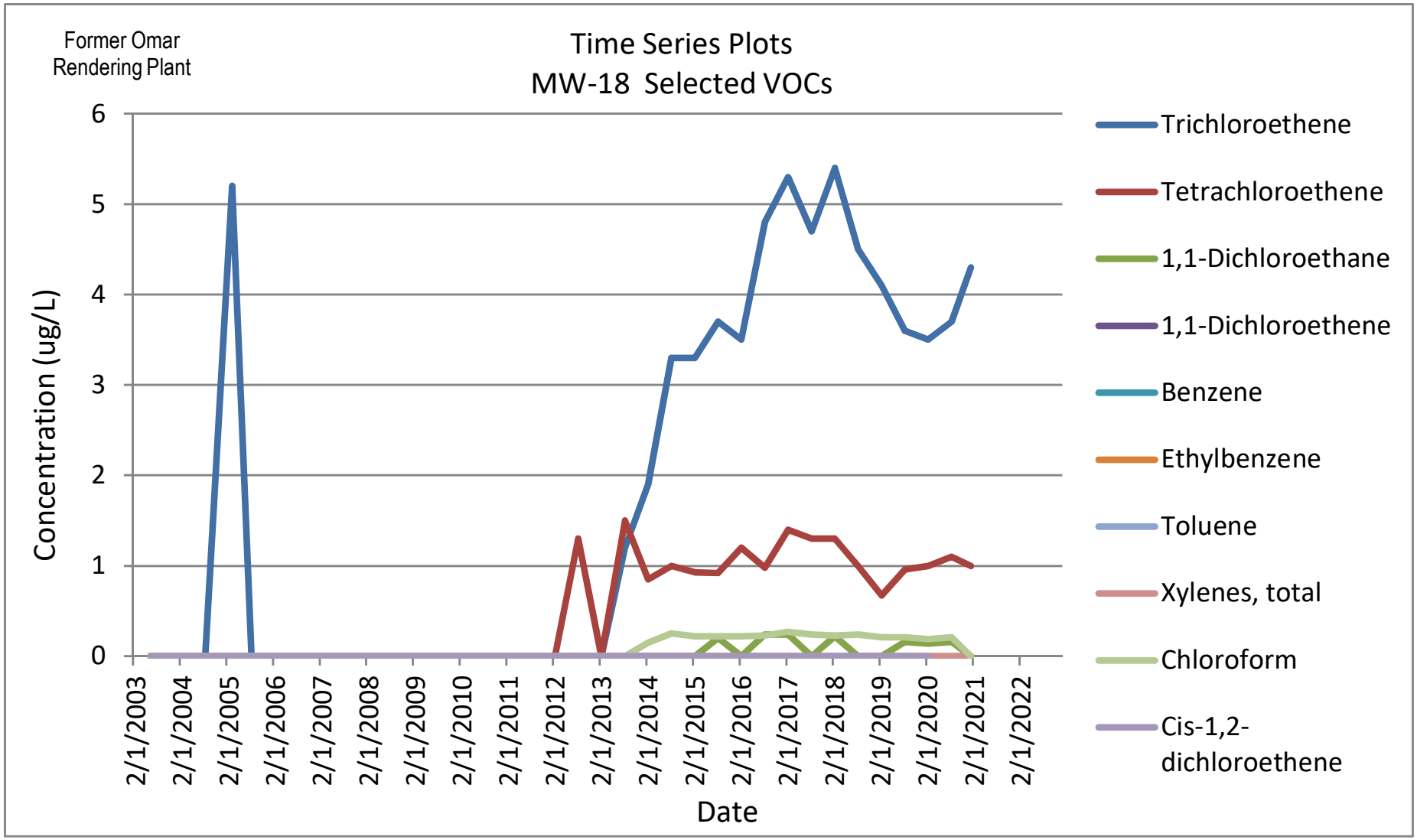

Former Omar
Rendering Plant
Time Series Plots
MW-16 Selected Inorganics
Concentration (mg/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
6/1/2003
6/1/2004
6/1/2005
6/1/2006
6/1/2007
6/1/2008
6/1/2009
6/1/2010
6/1/2011
6/1/2012
6/1/2013
6/1/2014
6/1/2015
6/1/2016
6/1/2017
6/1/2018
6/1/2019
6/1/2020
6/1/2021
6/1/2022
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

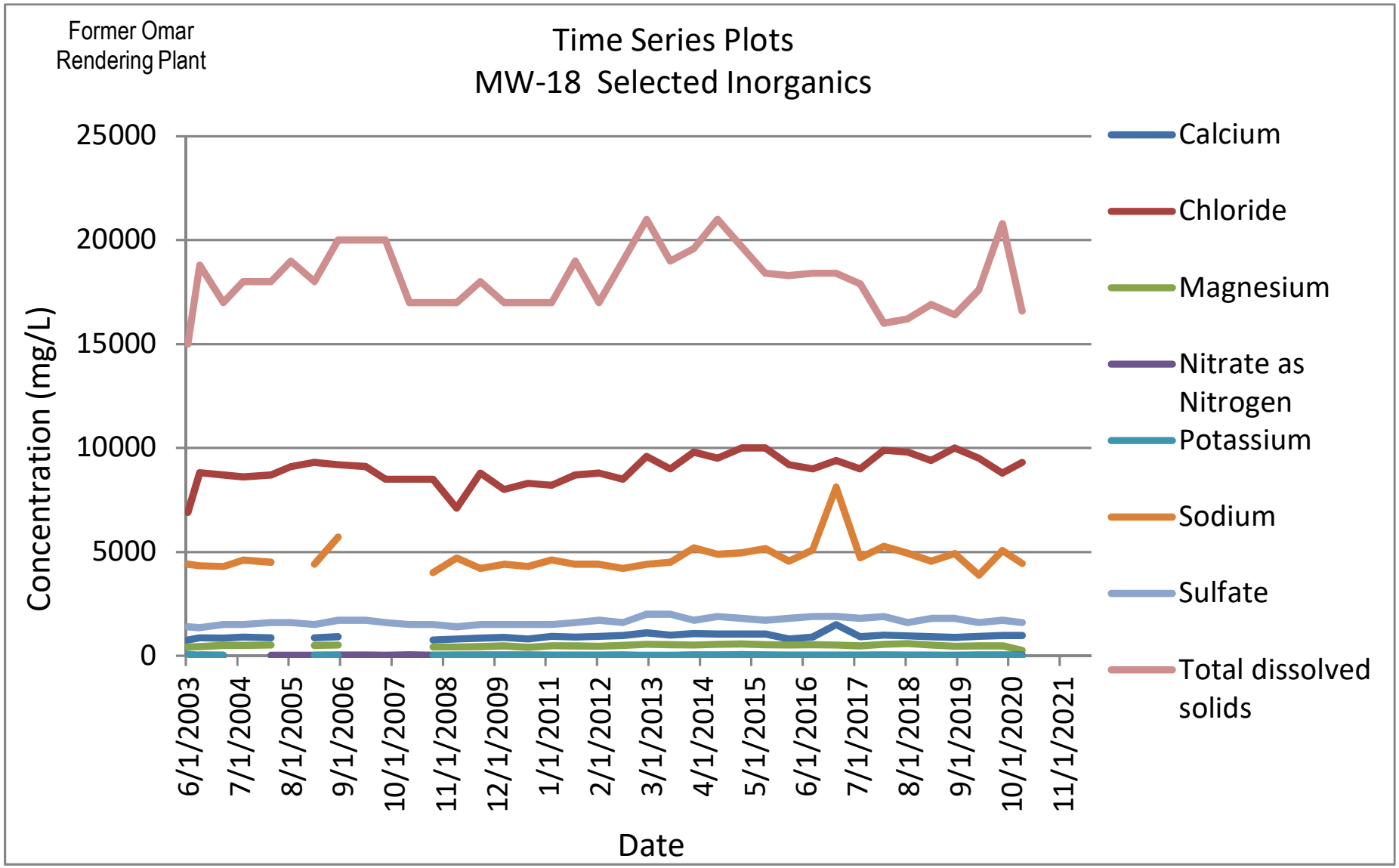

Former Omar
Rendering Plant
Time Series Plots
MW-16 Selected Metals
Concentration (mg/L)
4.5000
4.0000
3.5000
3.0000
2.5000
2.0000
1.5000
1.0000
0.5000
0.0000
03/01/04
03/01/05
03/01/06
03/01/07
03/01/08
03/01/09
03/01/10
03/01/11
03/01/12
03/01/13
03/01/14
03/01/15
03/01/16
03/01/17
03/01/18
03/01/19
03/01/20
03/01/21
03/01/22
Date
Chromium
Mercury
Nickel
Selenium
Iron


Former Omar
Rendering Plant
Time Series Plots
MW-17 Selected VOCs
Concentration (ug/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
02/01/03
02/01/04
02/01/05
02/01/06
02/01/07
02/01/08
02/01/09
02/01/10
02/01/11
02/01/12
02/01/13
02/01/14
02/01/15
02/01/16
02/01/17
02/01/18
02/01/19
02/01/20
02/01/21
02/01/22
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-dichloroethene


Former Omar
Rendering Plant
Time Series Plots
MW-17 Selected Inorganics
Concentration (mg/L)
7000
6000
5000
4000
3000
2000
1000
0
06/01/03
05/01/04
04/01/05
03/01/06
02/01/07
01/01/08
12/01/08
11/01/09
10/01/10
09/01/11
08/01/12
07/01/13
06/01/14
05/01/15
04/01/16
03/01/17
02/01/18
01/01/19
12/01/19
11/01/20
10/01/21
09/01/22
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

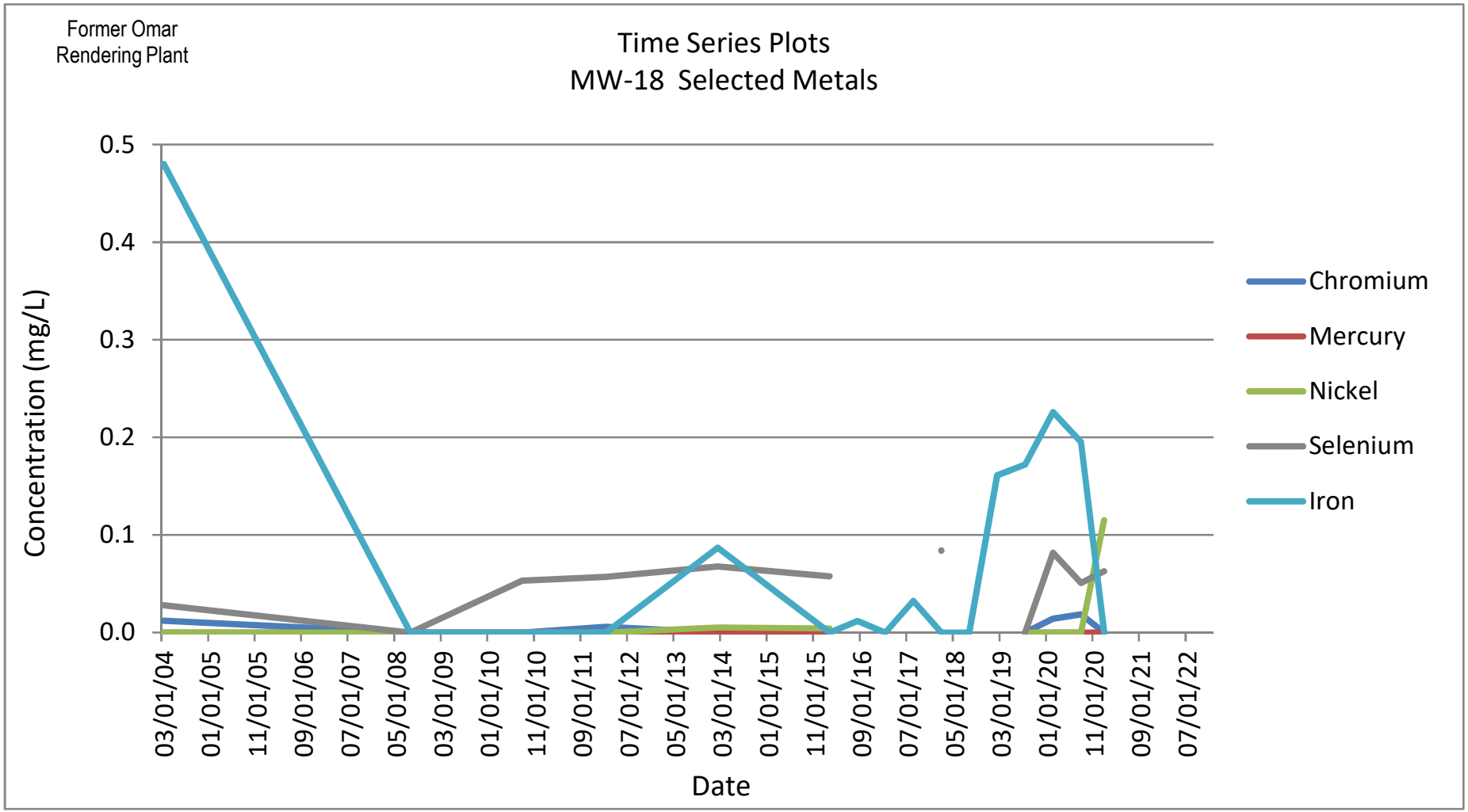

Former Omar
Rendering Plant
Time Series Plots
MW-17 Selected Metals
Concentration (mg/L)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06/01/03
03/01/04
12/01/04
09/01/05
06/01/06
03/01/07
12/01/07
09/01/08
06/01/09
03/01/10
12/01/10
09/01/11
06/01/12
03/01/13
12/01/13
09/01/14
06/01/15
03/01/16
12/01/16
09/01/17
06/01/18
03/01/19
12/01/19
09/01/20
06/01/21
03/01/22
Date
Chromium
Mercury
Nickel
Selenium
Iron

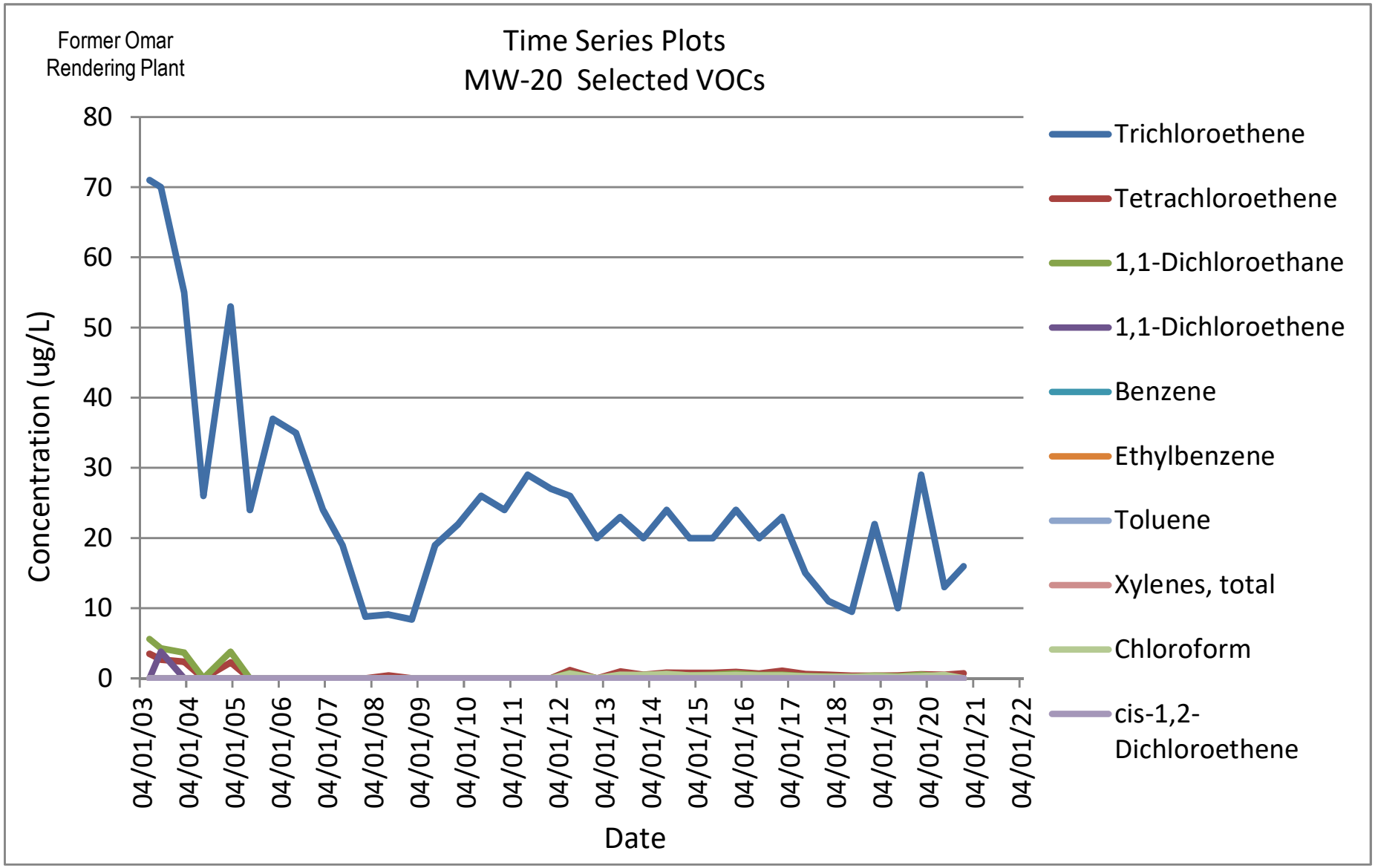

Former Omar
Rendering Plant
Time Series Plots
MW-18 Selected VOCs
Concentration (ug/L)
0
1
2
3
4
5
6
2/1/2003
2/1/2004
2/1/2005
2/1/2006
2/1/2007
2/1/2008
2/1/2009
2/1/2010
2/1/2011
2/1/2012
2/1/2013
2/1/2014
2/1/2015
2/1/2016
2/1/2017
2/1/2018
2/1/2019
2/1/2020
2/1/2021
2/1/2022
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
Cis-1,2-dichloroethene

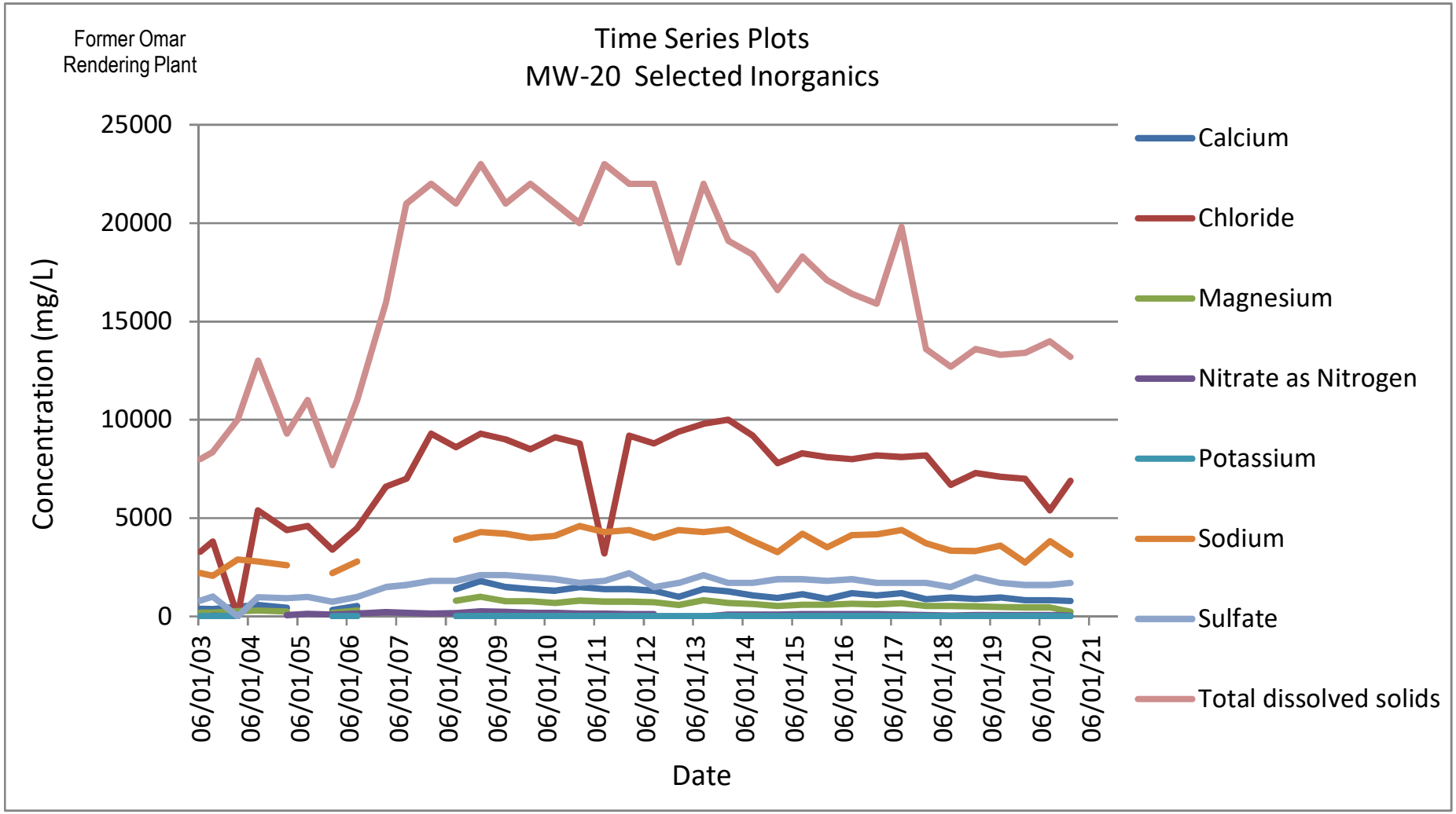

Former Omar
Rendering Plant
Time Series Plots
MW-18 Selected Inorganics
Concentration (mg/L)
25000
20000
15000
10000
5000
0
6/1/2003
7/1/2004
8/1/2005
9/1/2006
10/1/2007
11/1/2008
12/1/2009
1/1/2011
2/1/2012
3/1/2013
4/1/2014
5/1/2015
6/1/2016
7/1/2017
8/1/2018
9/1/2019
10/1/2020
11/1/2021
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

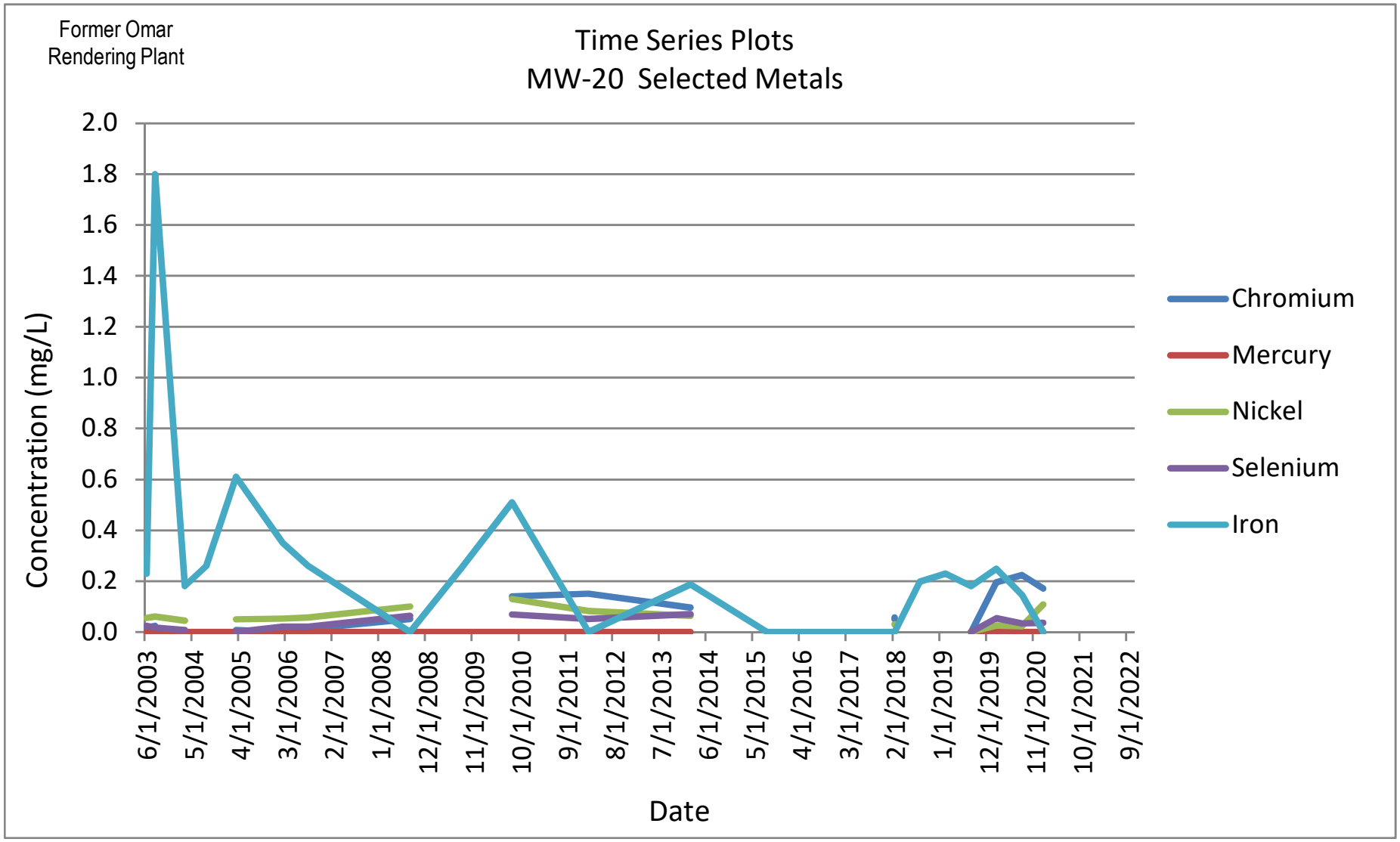
Former Omar
Rendering Plant

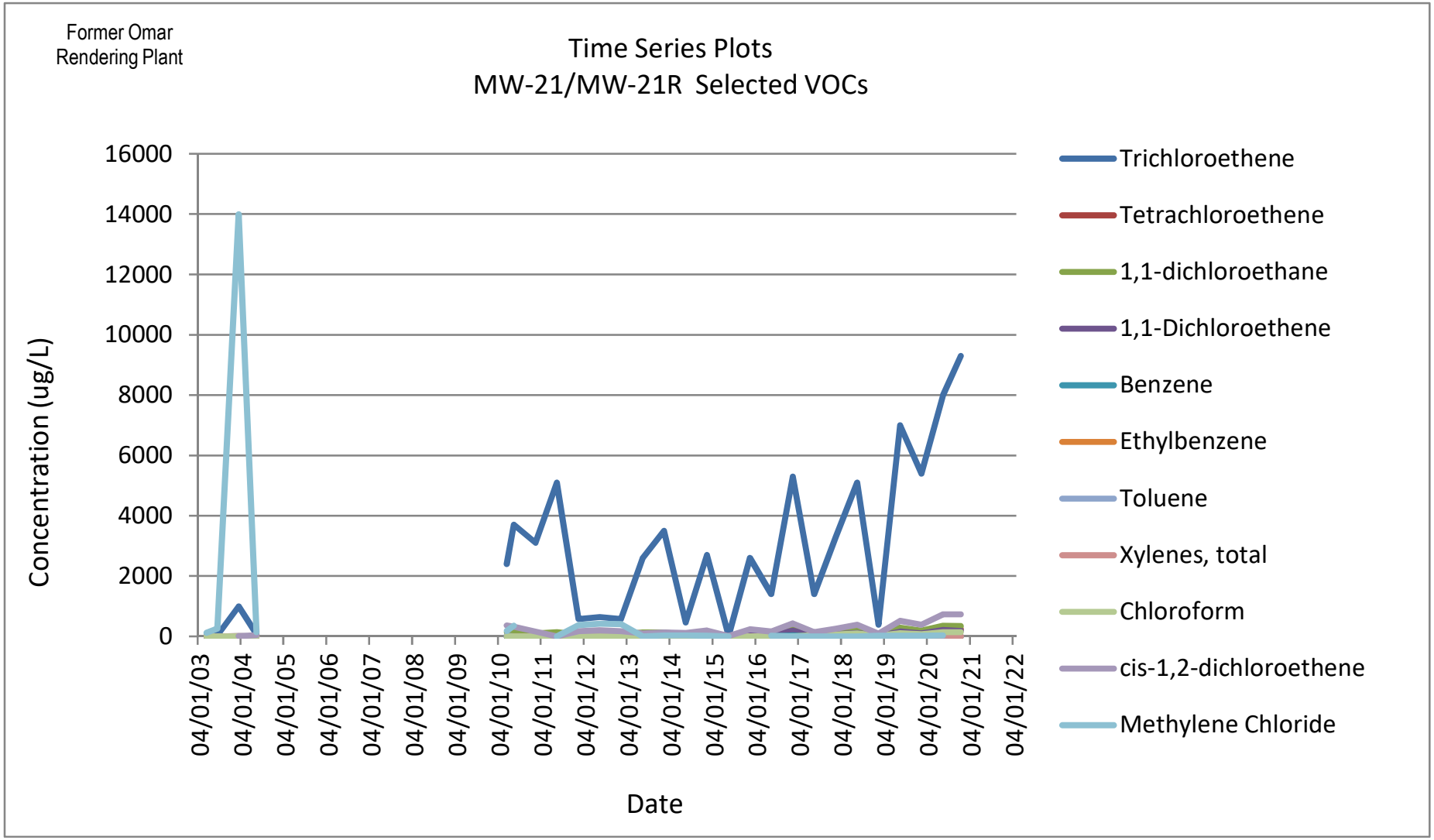
Time Series Plots
MW-18 Selected Metals

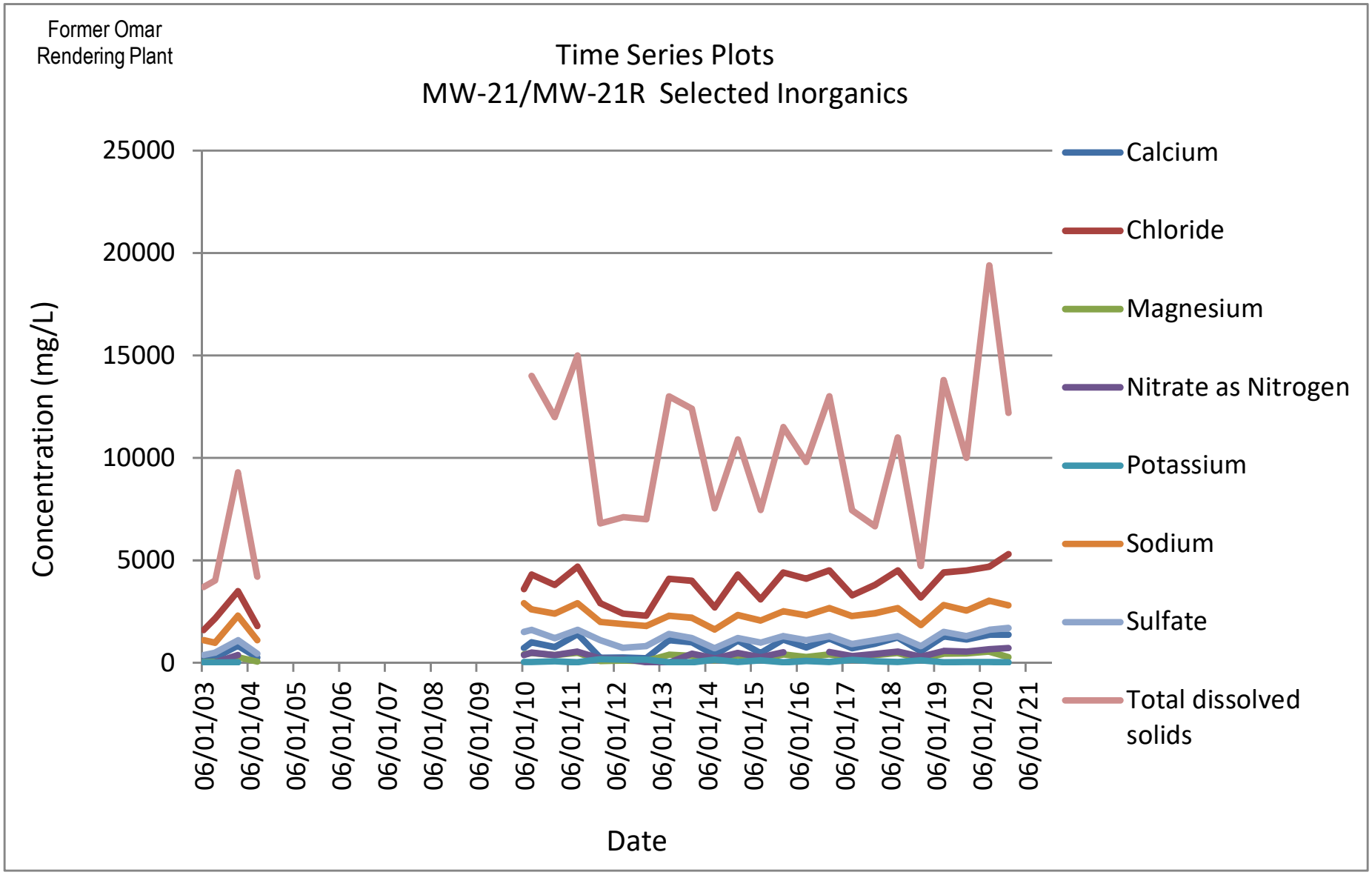


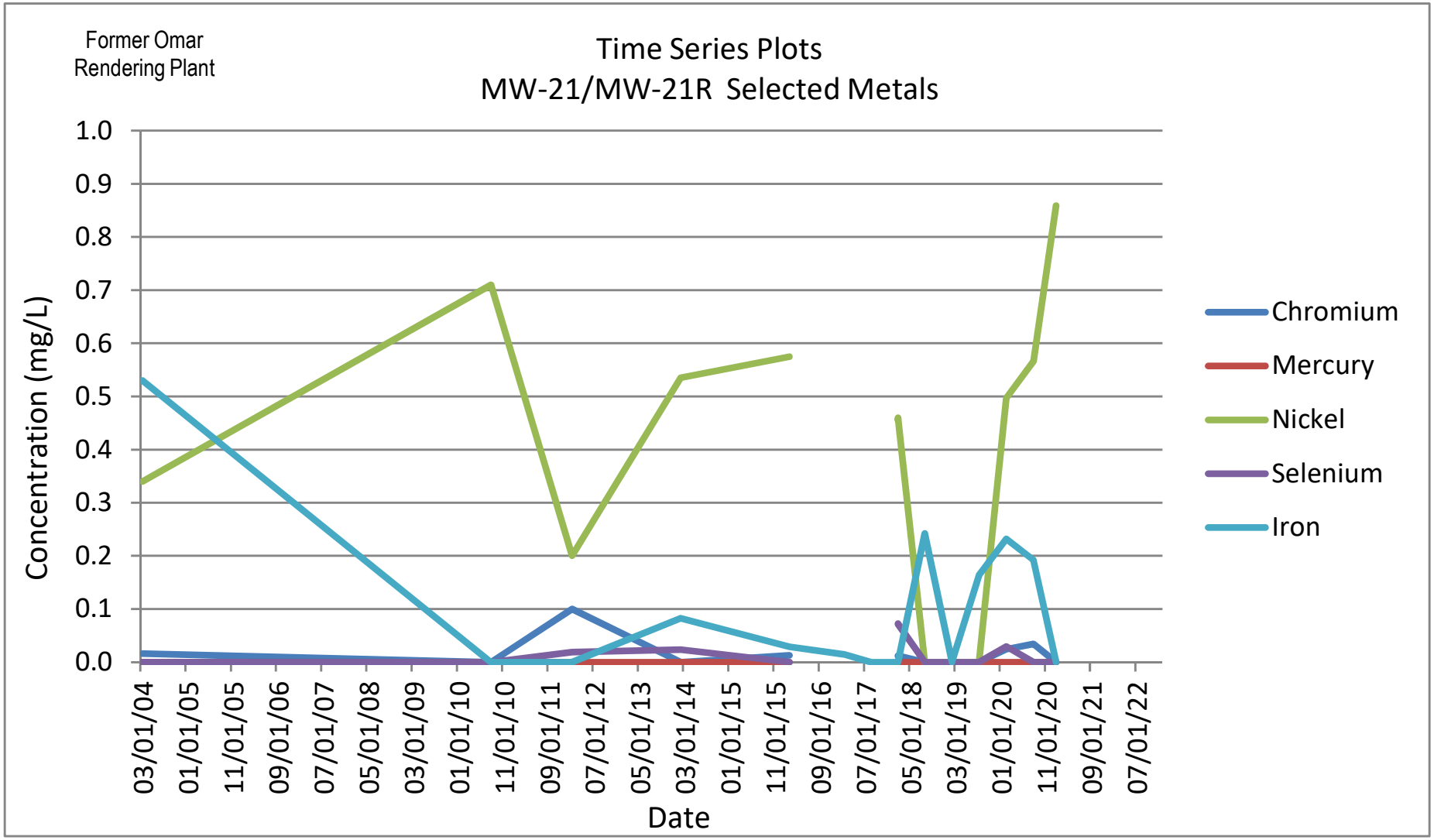

Former Omar
Rendering Plant
Time Series Plots
MW-20 Selected VOCs
Concentration (ug/L)
80
70
60
50
40
30
20
10
0
04/01/03
04/01/04
04/01/05
04/01/06
04/01/07
04/01/08
04/01/09
04/01/10
04/01/11
04/01/12
04/01/13
04/01/14
04/01/15
04/01/16
04/01/17
04/01/18
04/01/19
04/01/20
04/01/21
04/01/22
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-Dichloroethene

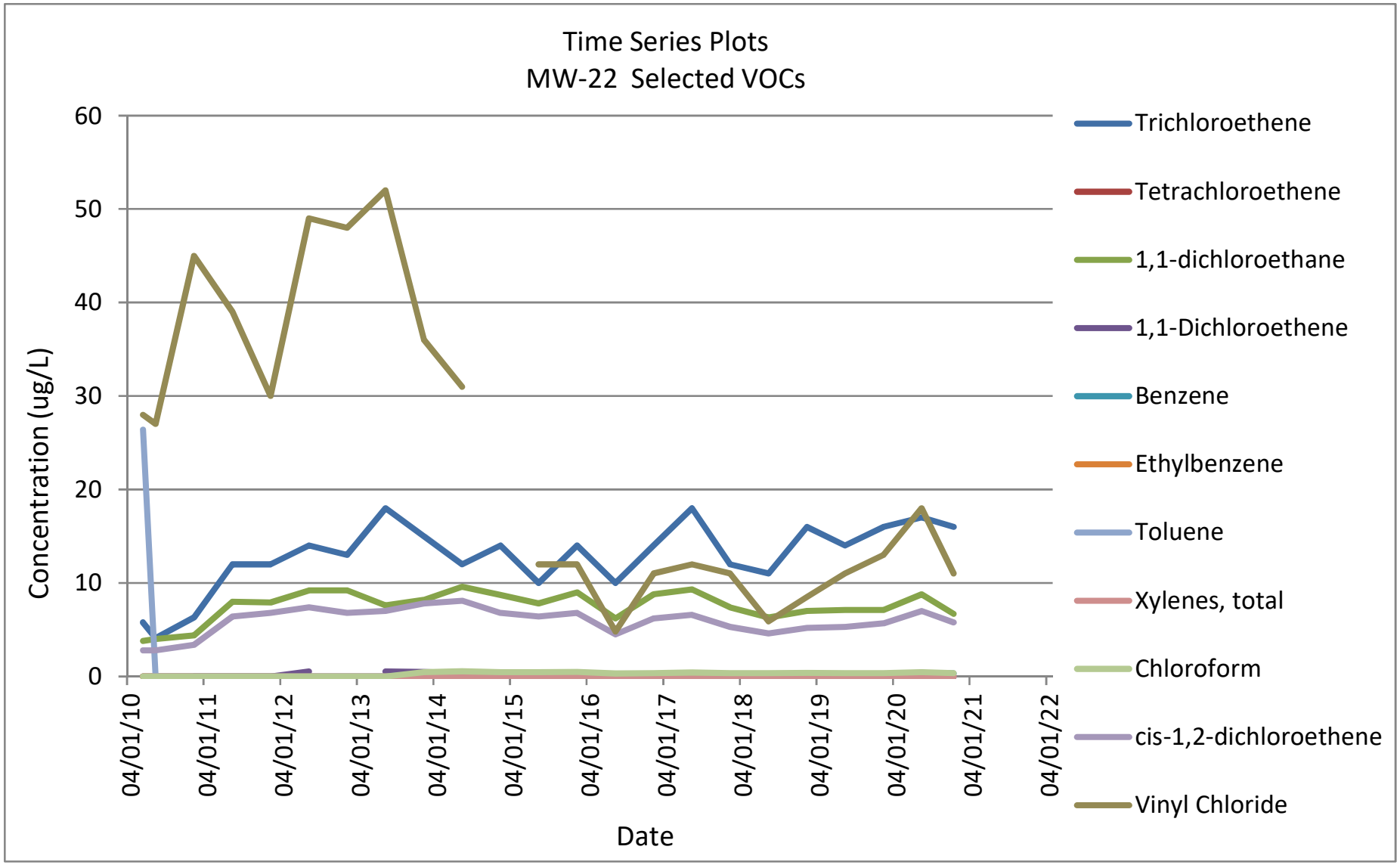

Former Omar
Rendering Plant
Time Series Plots
MW-20 Selected Inorganics
Concentration (mg/L)
25000
20000
15000
10000
5000
0
06/01/03
06/01/04
06/01/05
06/01/06
06/01/07
06/01/08
06/01/09
06/01/10
06/01/11
06/01/12
06/01/13
06/01/14
06/01/15
06/01/16
06/01/17
06/01/18
06/01/19
06/01/20
06/01/21
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

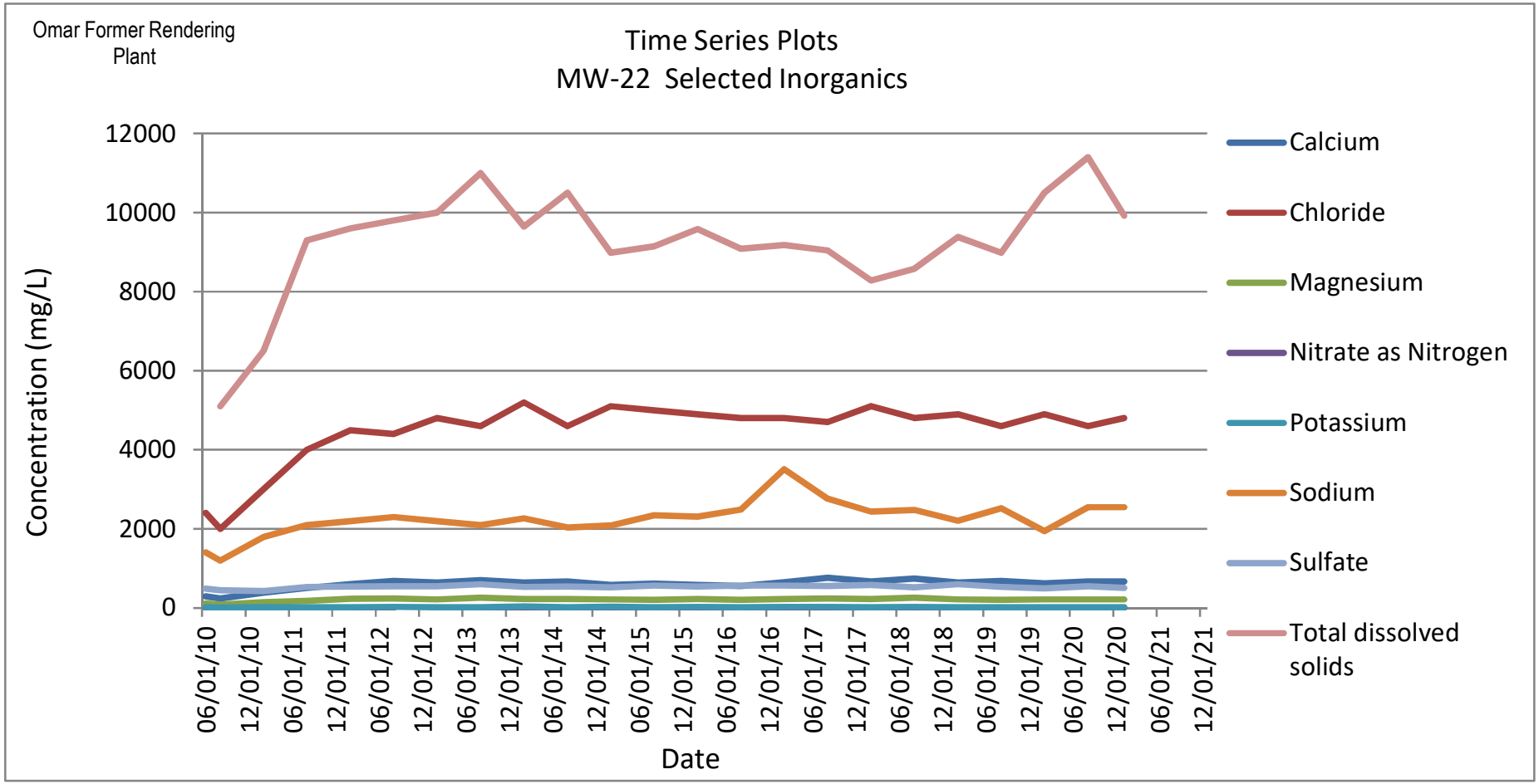

Former Omar
Rendering Plant
Time Series Plots
MW-20 Selected Metals
Concentration (mg/L)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
6/1/2003
5/1/2004
4/1/2005
3/1/2006
2/1/2007
1/1/2008
12/1/2008
11/1/2009
10/1/2010
9/1/2011
8/1/2012
7/1/2013
6/1/2014
5/1/2015
4/1/2016
3/1/2017
2/1/2018
1/1/2019
12/1/2019
11/1/2020
10/1/2021
9/1/2022
Date
Chromium
Mercury
Nickel
Selenium
Iron

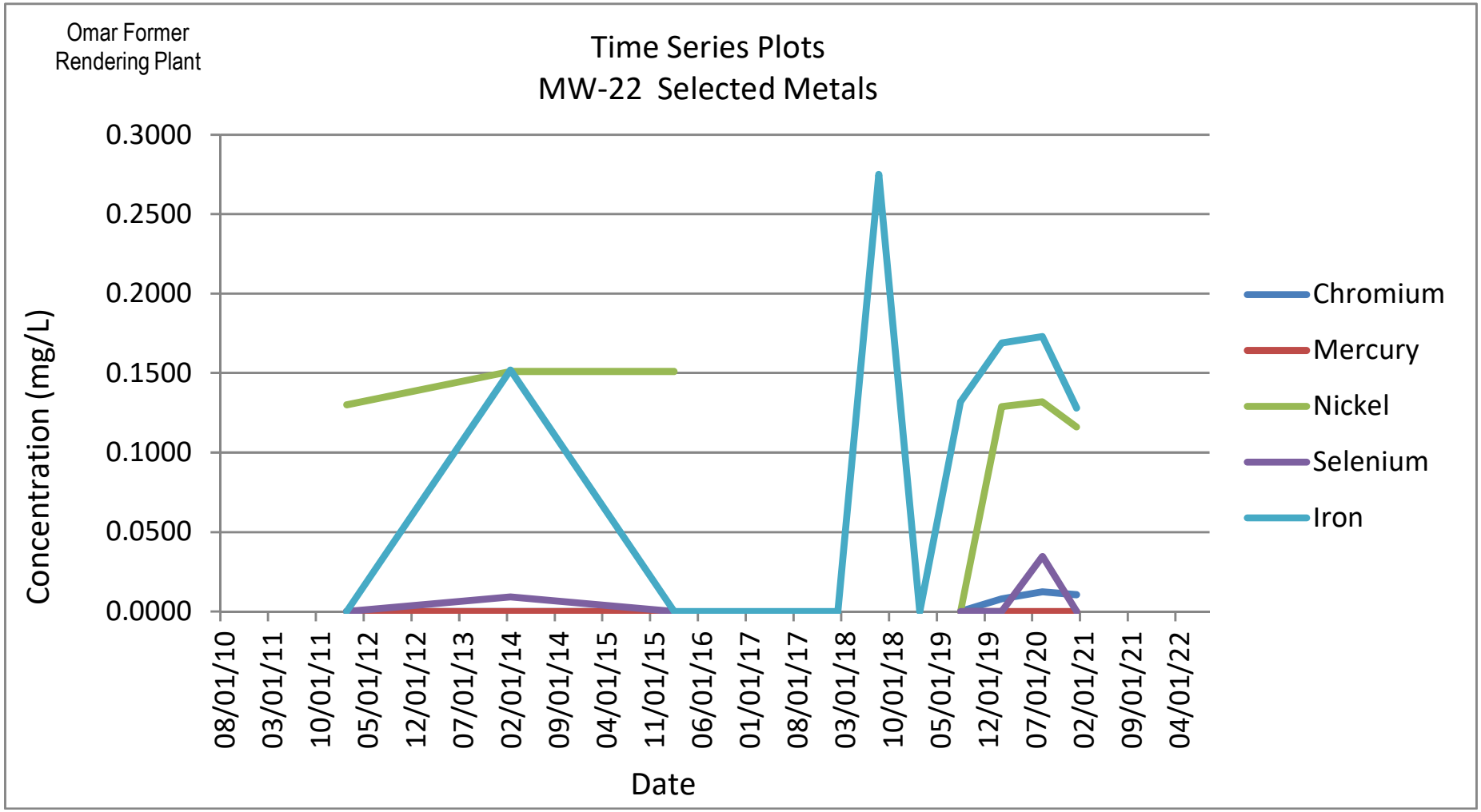

Former Omar
Rendering Plant
Time Series Plots
MW-21/MW-21R Selected VOCs
Concentration (ug/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
04/01/03
04/01/04
04/01/05
04/01/06
04/01/07
04/01/08
04/01/09
04/01/10
04/01/11
04/01/12
04/01/13
04/01/14
04/01/15
04/01/16
04/01/17
04/01/18
04/01/19
04/01/20
04/01/21
04/01/22
Date
Trichloroethene
Tetrachloroethene
1,1-dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-dichloroethene
Methylene Chloride

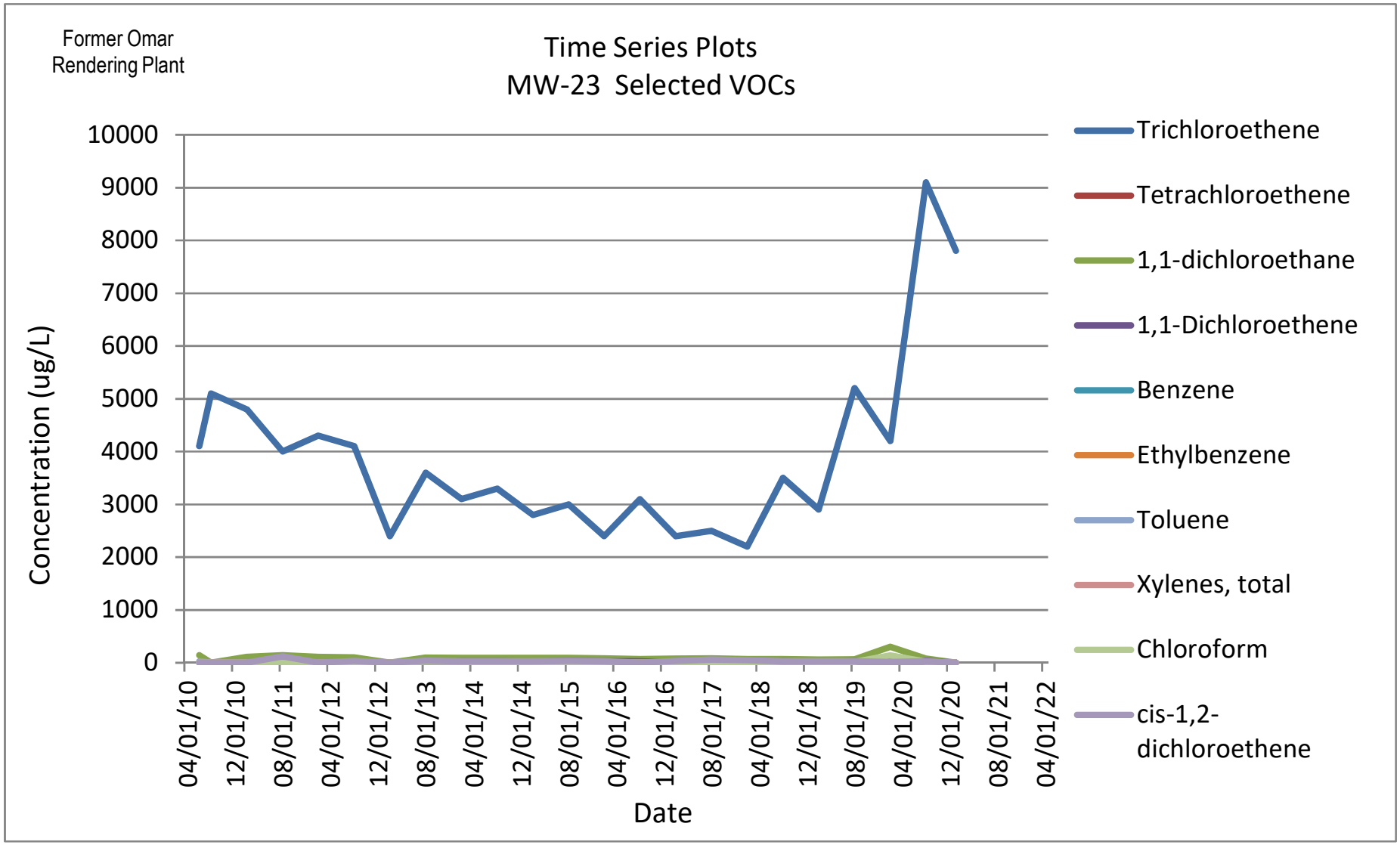

Former Omar
Rendering Plant
Time Series Plots
MW-21/MW-21R Selected Inorganics
Concentration (mg/L)
25000
20000
15000
10000
5000
0
06/01/03
06/01/04
06/01/05
06/01/06
06/01/07
06/01/08
06/01/09
06/01/10
06/01/11
06/01/12
06/01/13
06/01/14
06/01/15
06/01/16
06/01/17
06/01/18
06/01/19
06/01/20
06/01/21
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

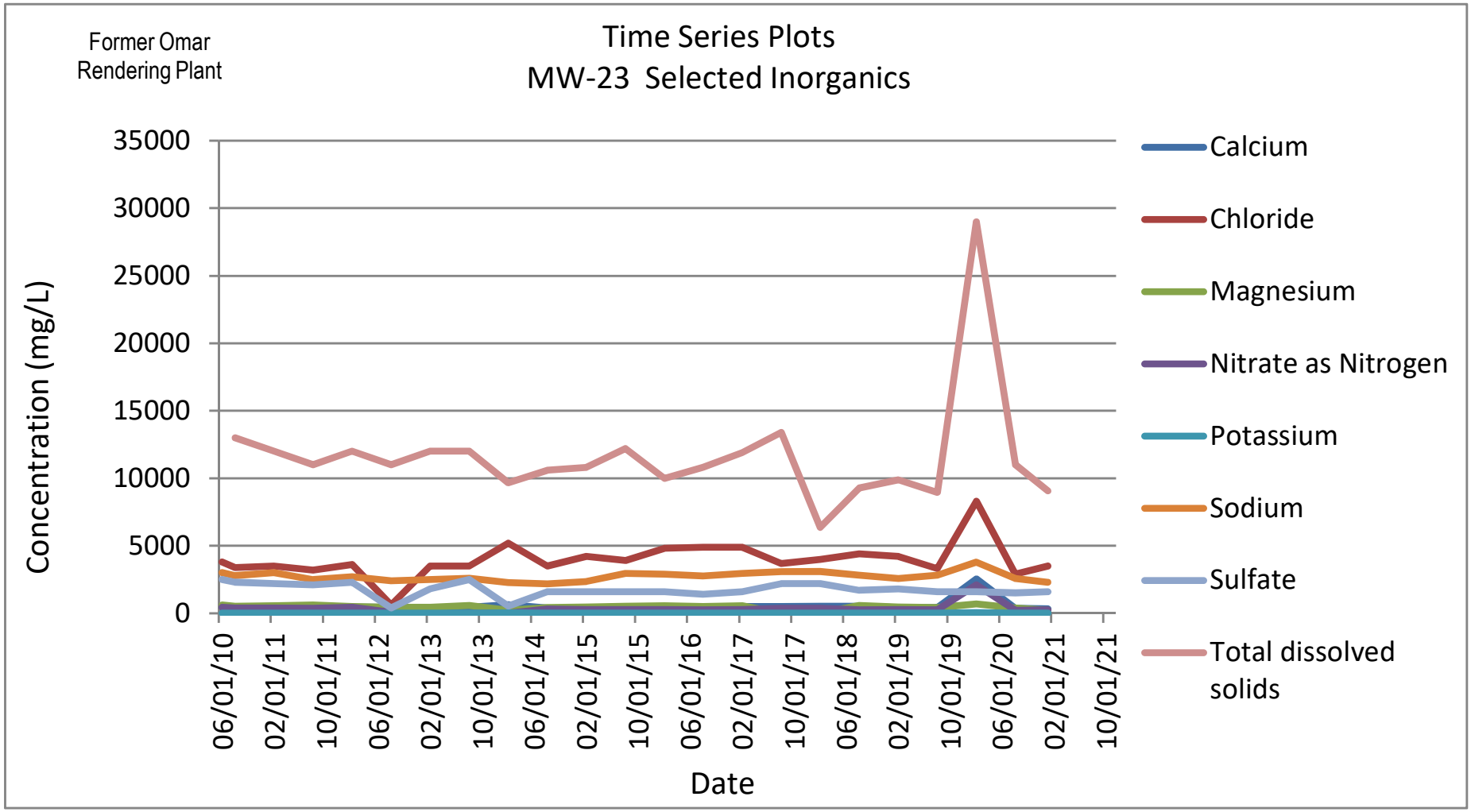

Former Omar
Rendering Plant
Time Series Plots
MW-21/MW-21R Selected Metals
Concentration (mg/L)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
03/01/04
01/01/05
11/01/05
09/01/06
07/01/07
05/01/08
03/01/09
01/01/10
11/01/10
09/01/11
07/01/12
05/01/13
03/01/14
01/01/15
11/01/15
09/01/16
07/01/17
05/01/18
03/01/19
01/01/20
11/01/20
09/01/21
07/01/22
Date
Chromium
Mercury
Nickel
Selenium
Iron

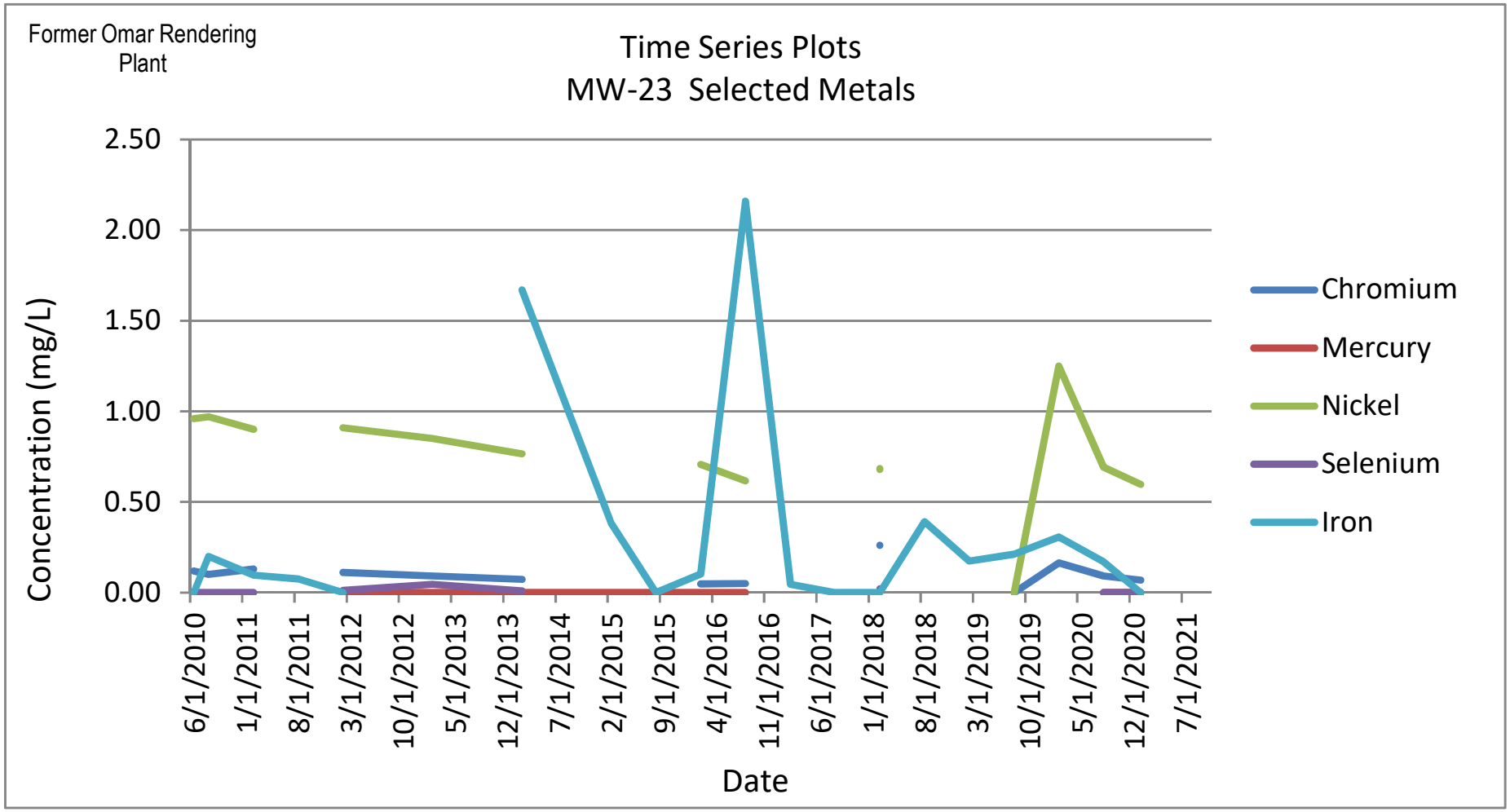

Time Series Plots
MW-22 Selected VOCs
Concentration (ug/L)
60
50
40
30
20
10
0
04/01/10
04/01/11
04/01/12
04/01/13
04/01/14
04/01/15
04/01/16
04/01/17
04/01/18
04/01/19
04/01/20
04/01/21
04/01/22
Date
Trichloroethene
Tetrachloroethene
1,1-dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-dichloroethene
Vinyl Chloride

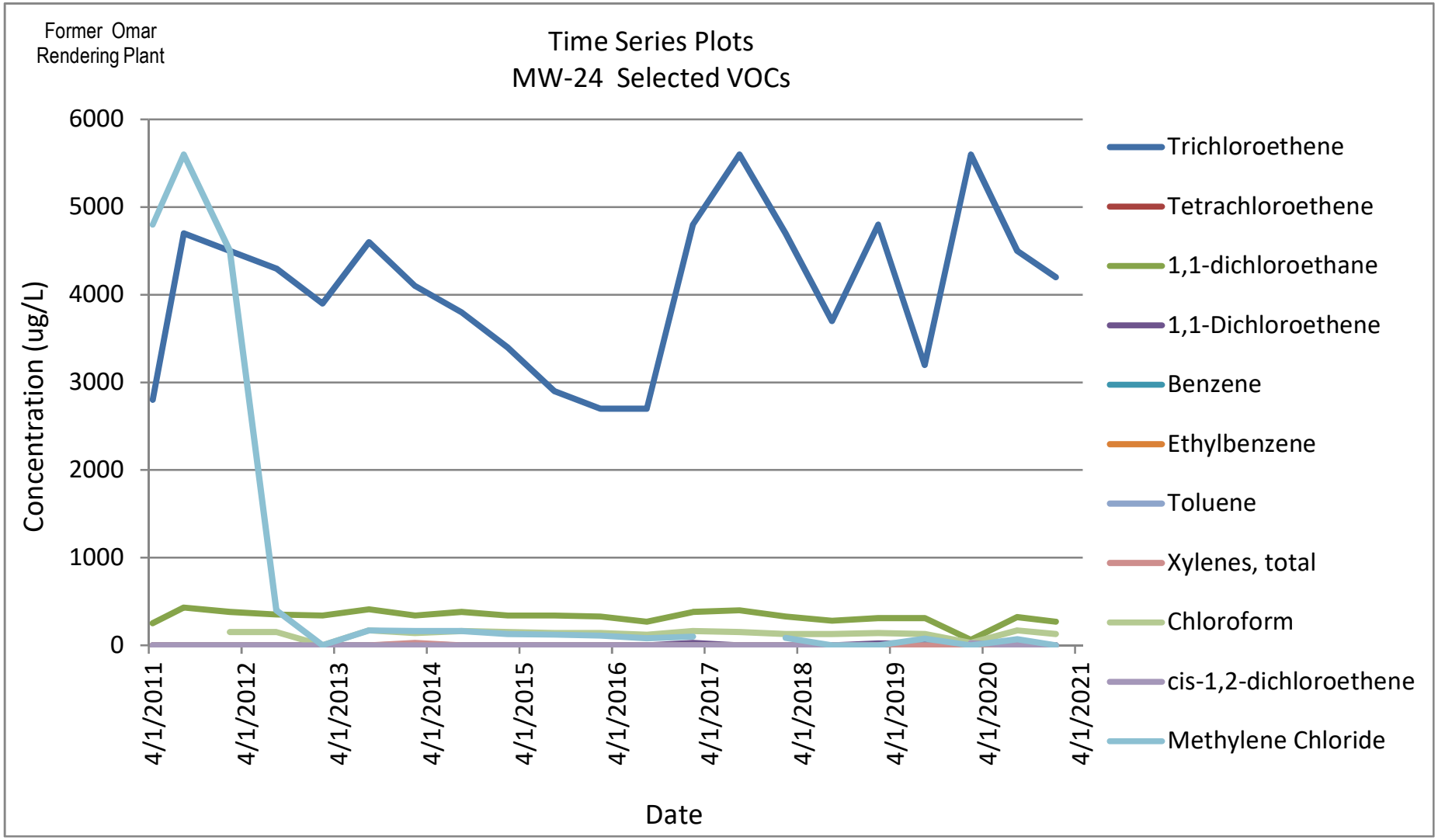

Omar Former Rendering Plant
Time Series Plots
MW-22 Selected Inorganics
Concentration (mg/L)
12000
10000
8000
6000
4000
2000
0
06/01/10
12/01/10
06/01/11
12/01/11
06/01/12
12/01/12
06/01/13
12/01/13
06/01/14
12/01/14
06/01/15
12/01/15
06/01/16
12/01/16
06/01/17
12/01/17
06/01/18
12/01/18
06/01/19
12/01/19
06/01/20
12/01/20
06/01/21
12/01/21
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

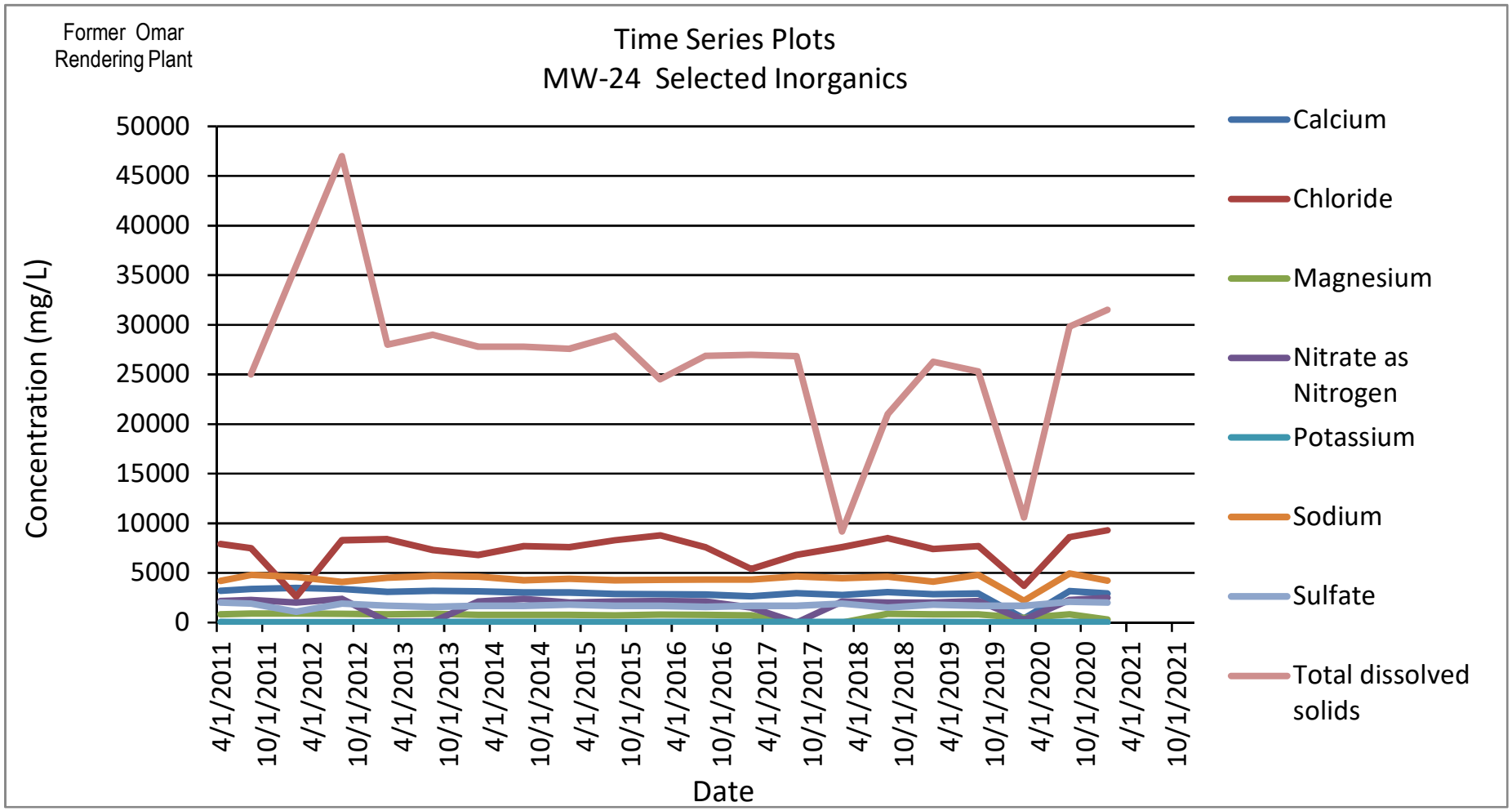

Omar Former
Rendering Plant
Time Series Plots
MW-22 Selected Metals
Concentration (mg/L)
0.3000
0.2500
0.2000
0.1500
0.1000
0.0500
0.0000
08/01/10
03/01/11
10/01/11
05/01/12
12/01/12
07/01/13
02/01/14
09/01/14
04/01/15
11/01/15
06/01/16
01/01/17
08/01/17
03/01/18
10/01/18
05/01/19
12/01/19
07/01/20
02/01/21
09/01/21
04/01/22
Date
Chromium
Mercury
Nickel
Selenium
Iron

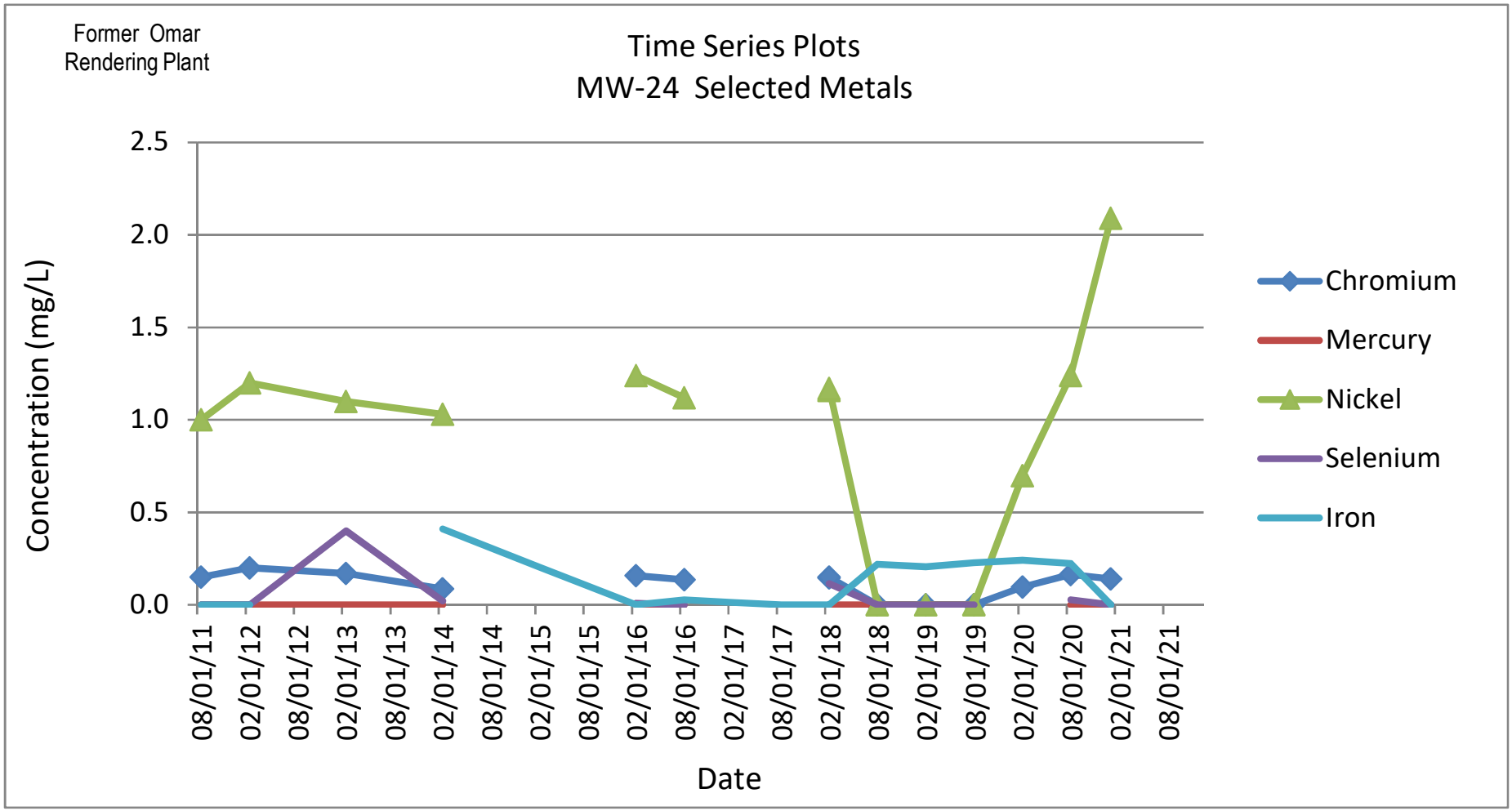

Former Omar
Rendering Plant
Time Series Plots
MW-23 Selected VOCs
Concentration (ug/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
04/01/10
12/01/10
08/01/11
04/01/12
12/01/12
08/01/13
04/01/14
12/01/14
08/01/15
04/01/16
12/01/16
08/01/17
04/01/18
12/01/18
08/01/19
04/01/20
12/01/20
08/01/21
04/01/22
Date
Trichloroethene
Tetrachloroethene
1,1-dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-dichloroethene

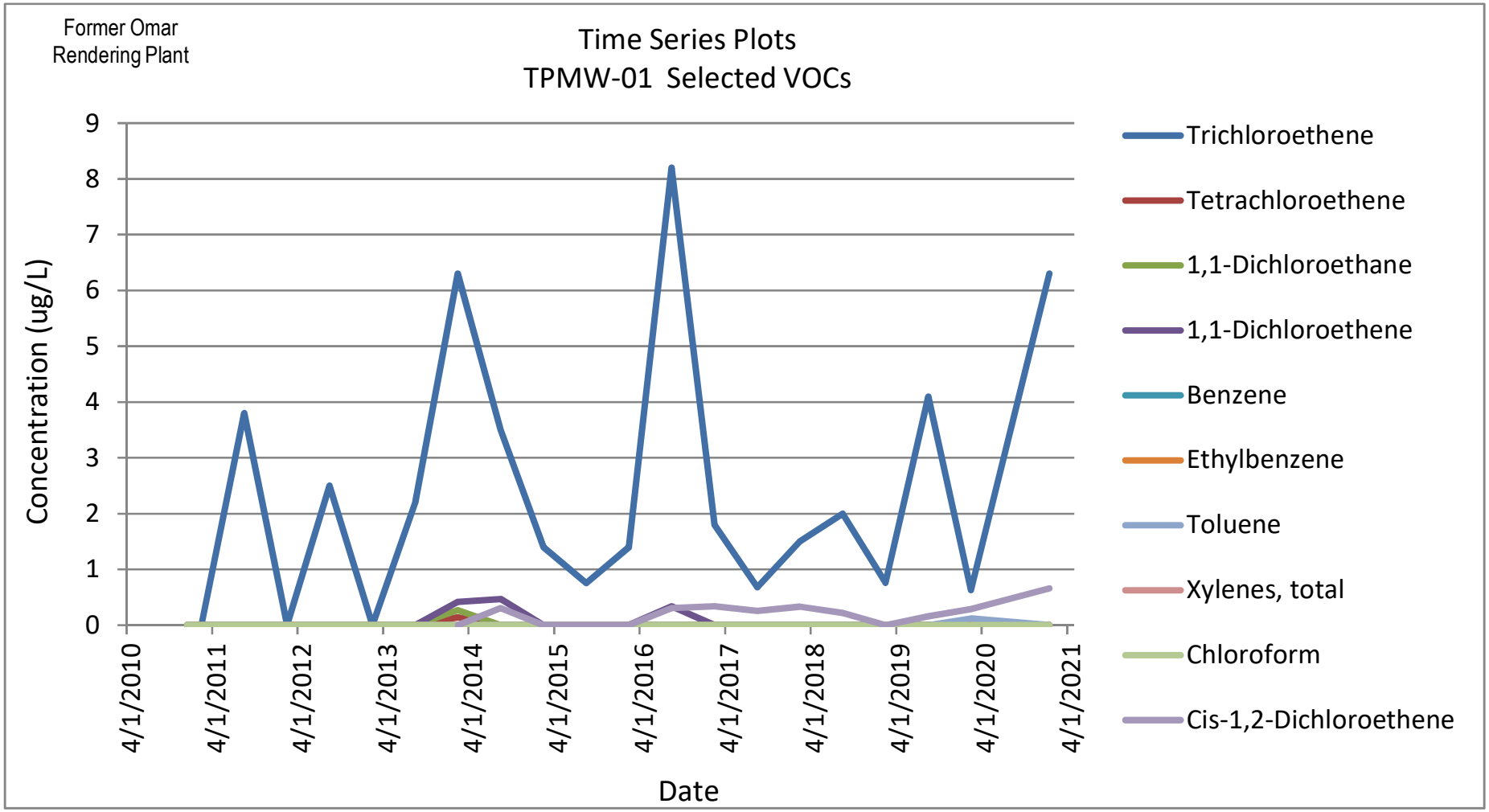

Former Omar
Rendering Plant
Time Series Plots
MW-23 Selected Inorganics
Concentration (mg/L)
35000
30000
25000
20000
15000
10000
5000
0
06/01/10
02/01/11
10/01/11
06/01/12
02/01/13
10/01/13
06/01/14
02/01/15
10/01/15
06/01/16
02/01/17
10/01/17
06/01/18
02/01/19
10/01/19
06/01/20
02/01/21
10/01/21
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

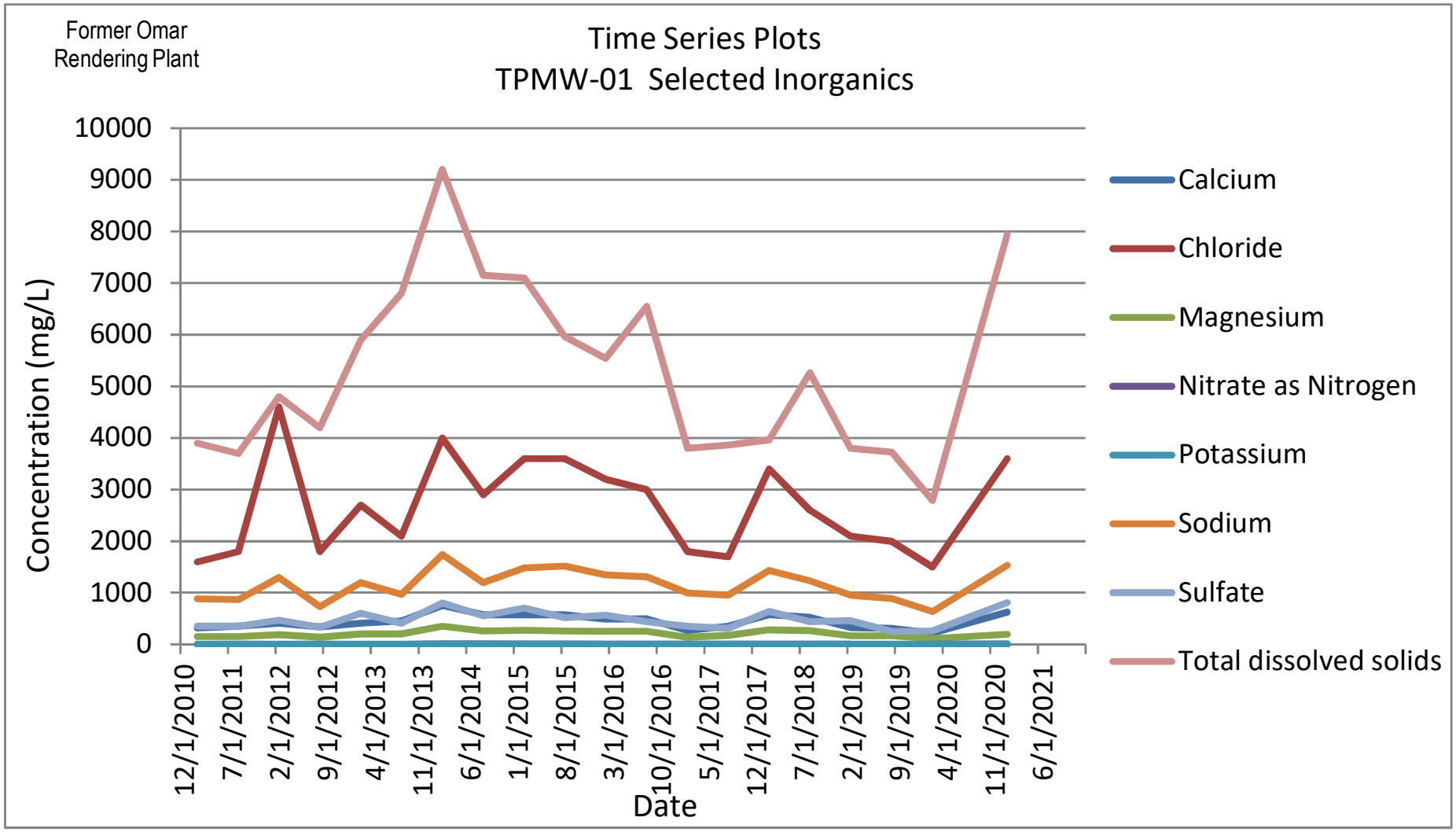

Former Omar Rendering Plant
Time Series Plots
MW-23 Selected Metals
Concentration (mg/L)
2.50
2.00
1.50
1.00
0.50
0.00
6/1/2010
1/1/2011
8/1/2011
3/1/2012
10/1/2012
5/1/2013
12/1/2013
7/1/2014
2/1/2015
9/1/2015
4/1/2016
11/1/2016
6/1/2017
1/1/2018
8/1/2018
3/1/2019
10/1/2019
5/1/2020
12/1/2020
7/1/2021
Date
Chromium
Mercury
Nickel
Selenium
Iron

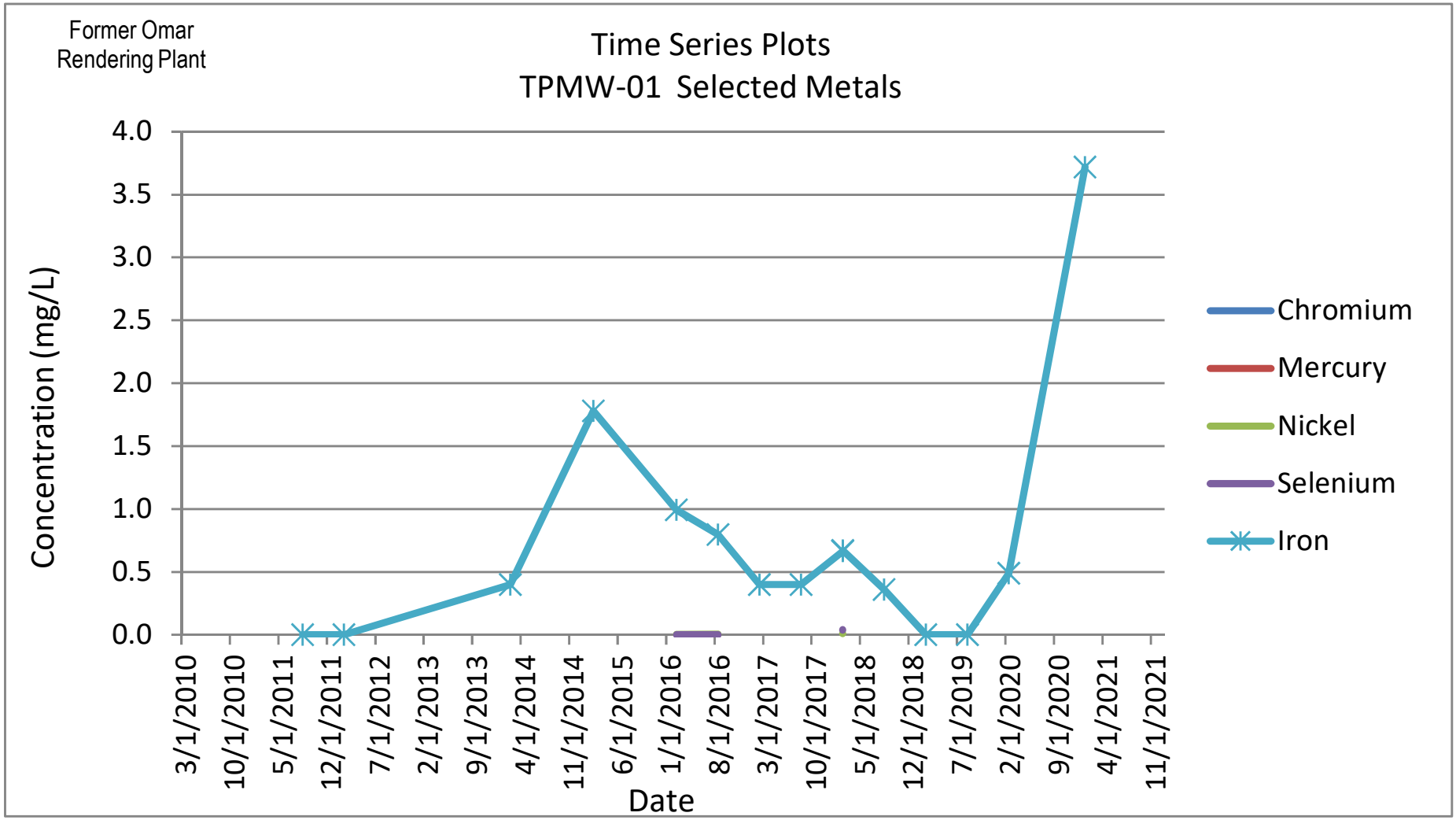

Former Omar
Rendering Plant
Time Series Plots
MW-24 Selected VOCs
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
4/1/2011
4/1/2012
4/1/2013
4/1/2014
4/1/2015
4/1/2016
4/1/2017
4/1/2018
4/1/2019
4/1/2020
4/1/2021
Date
Trichloroethene
Tetrachloroethene
1,1-dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-dichloroethene
Methylene Chloride


Former Omar Rendering Plant
Time Series Plots
MW-24 Selected Inorganics
Concentration (mg/L)
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
4/1/2011
10/1/2011
4/1/2012
10/1/2012
4/1/2013
10/1/2013
4/1/2014
10/1/2014
4/1/2015
10/1/2015
4/1/2016
10/1/2016
4/1/2017
10/1/2017
4/1/2018
10/1/2018
4/1/2019
10/1/2019
4/1/2020
10/1/2020
4/1/2021
10/1/2021
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

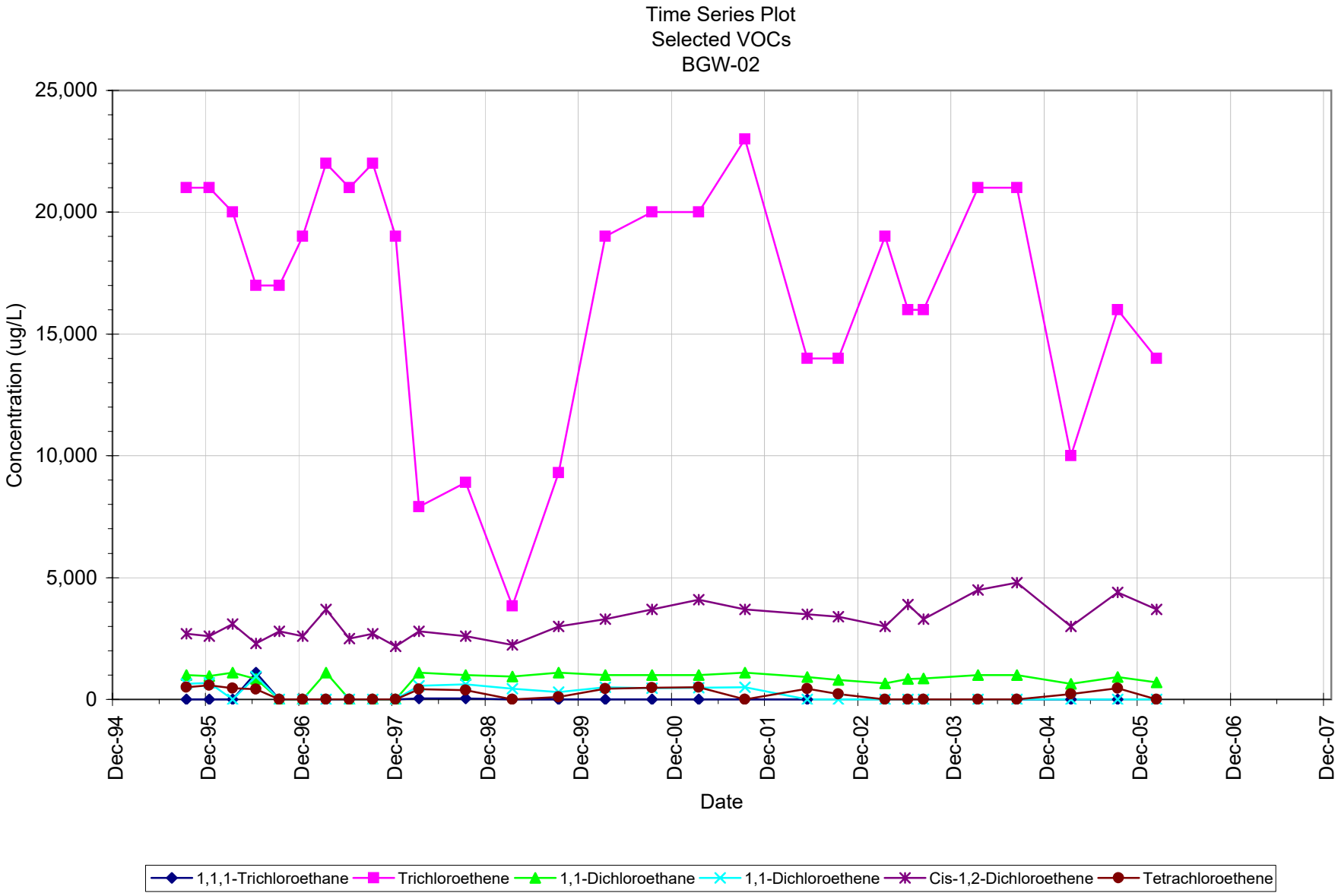

Former Omar
Rendering Plant
Time Series Plots
MW-24 Selected Metals
Concentration (mg/L)
2.5
2.0
1.5
1.0
0.5
0.0
08/01/11
02/01/12
08/01/12
02/01/13
08/01/13
02/01/14
08/01/14
02/01/15
08/01/15
02/01/16
08/01/16
02/01/17
08/01/17
02/01/18
08/01/18
02/01/19
08/01/19
02/01/20
08/01/20
02/01/21
08/01/21
Date
Chromium
Mercury
Nickel
Selenium
Iron

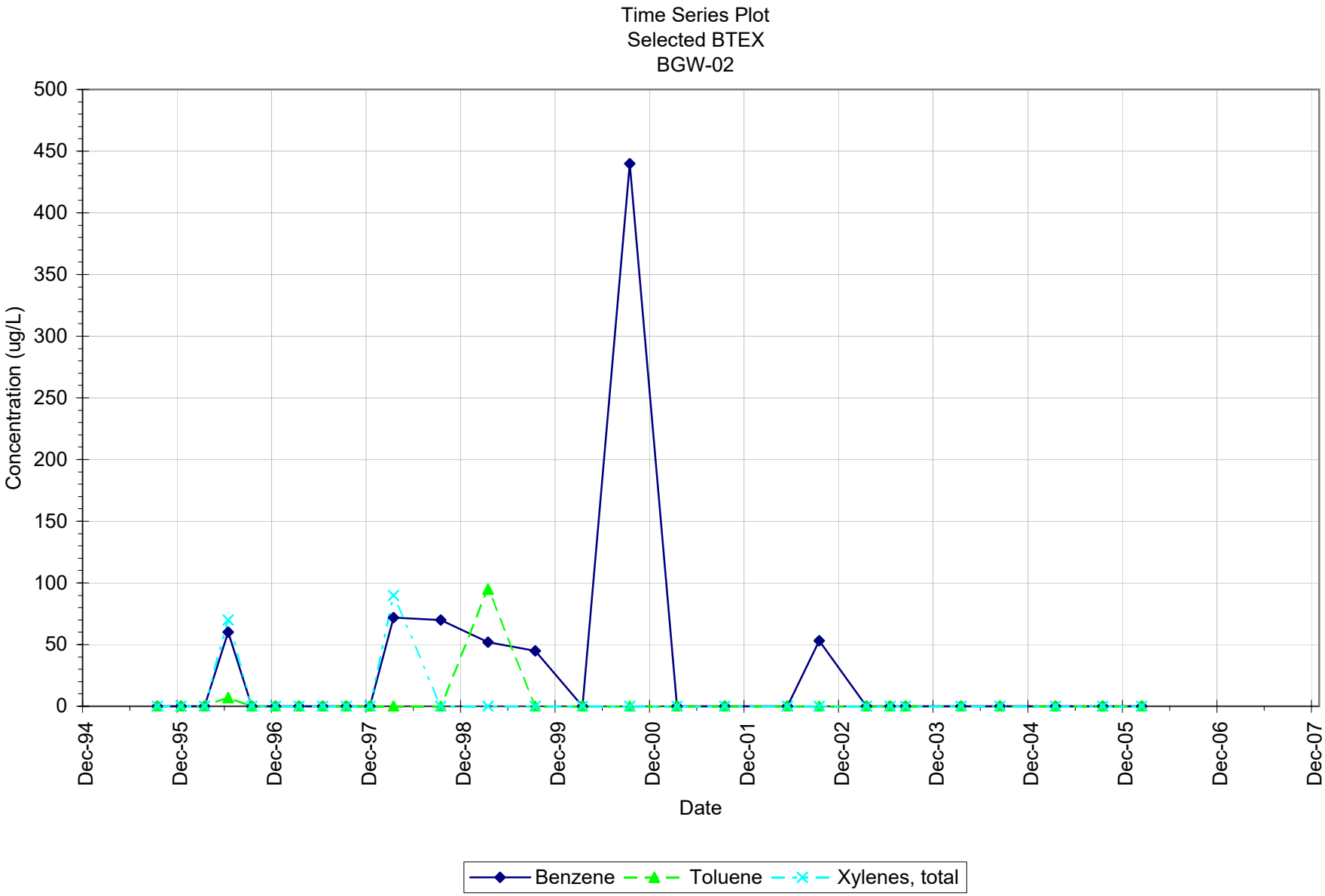

Former Omar
Rendering Plant
Time Series Plots
TPMW-01 Selected VOCs
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
9
4/1/2010
4/1/2011
4/1/2012
4/1/2013
4/1/2014
4/1/2015
4/1/2016
4/1/2017
4/1/2018
4/1/2019
4/1/2020
4/1/2021
Date
Trichloroethene
Tetrachloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
Cis-1,2-Dichloroethene


Former Omar
Rendering Plant
Time Series Plots
TPMW-01 Selected Inorganics
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
12/1/2010
7/1/2011
2/1/2012
9/1/2012
4/1/2013
11/1/2013
6/1/2014
1/1/2015
8/1/2015
3/1/2016
10/1/2016
5/1/2017
12/1/2017
7/1/2018
2/1/2019
9/1/2019
4/1/2020
11/1/2020
6/1/2021
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

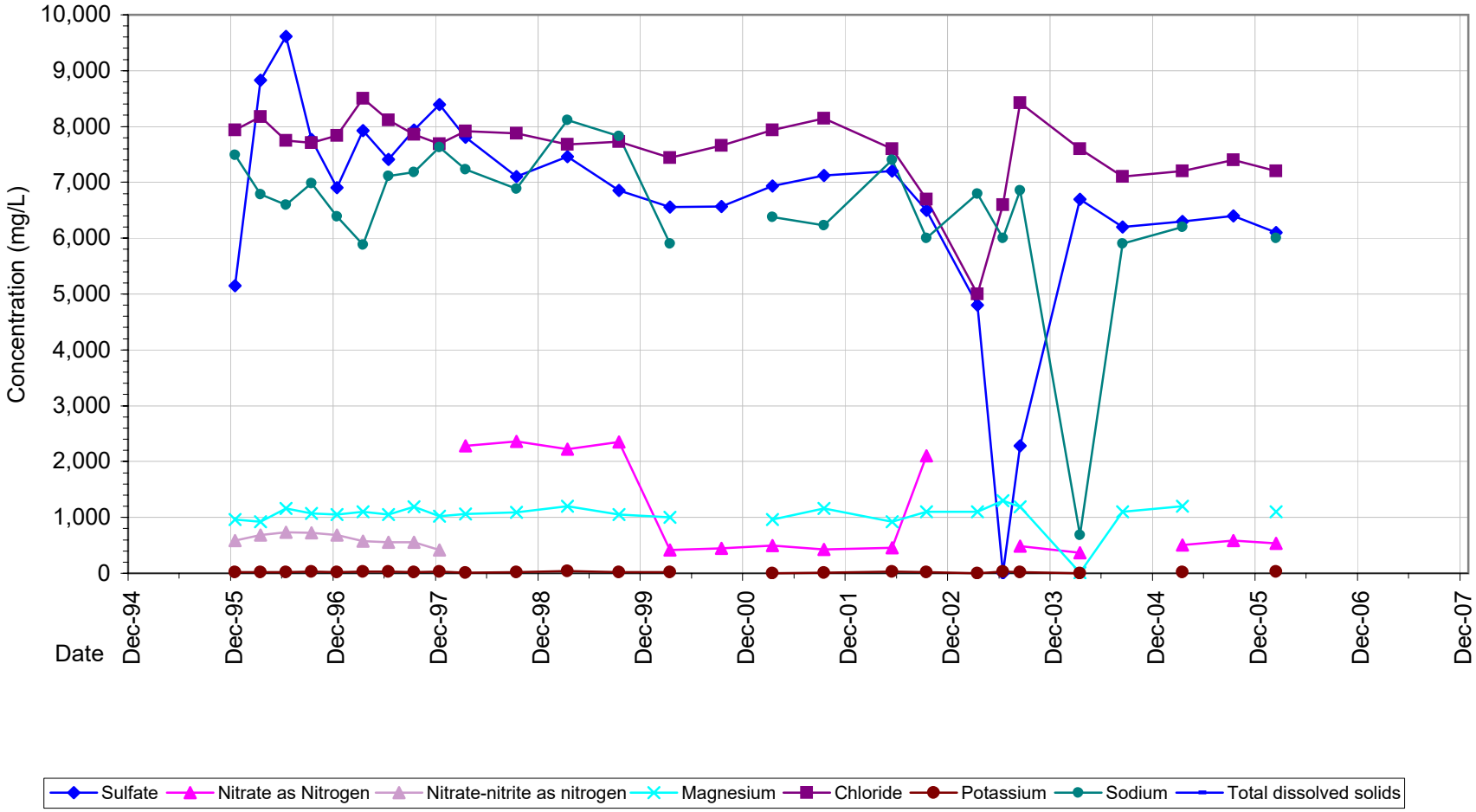

Former Omar
Rendering Plant
Time Series Plots
TPMW-01 Selected Metals
Concentration (mg/L)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3/1/2010
10/1/2010
5/1/2011
12/1/2011
7/1/2012
2/1/2013
9/1/2013
4/1/2014
11/1/2014
6/1/2015
1/1/2016
8/1/2016
3/1/2017
10/1/2017
5/1/2018
12/1/2018
7/1/2019
2/1/2020
9/1/2020
4/1/2021
11/1/2021
Date
Chromium
Mercury
Nickel
Selenium
Iron

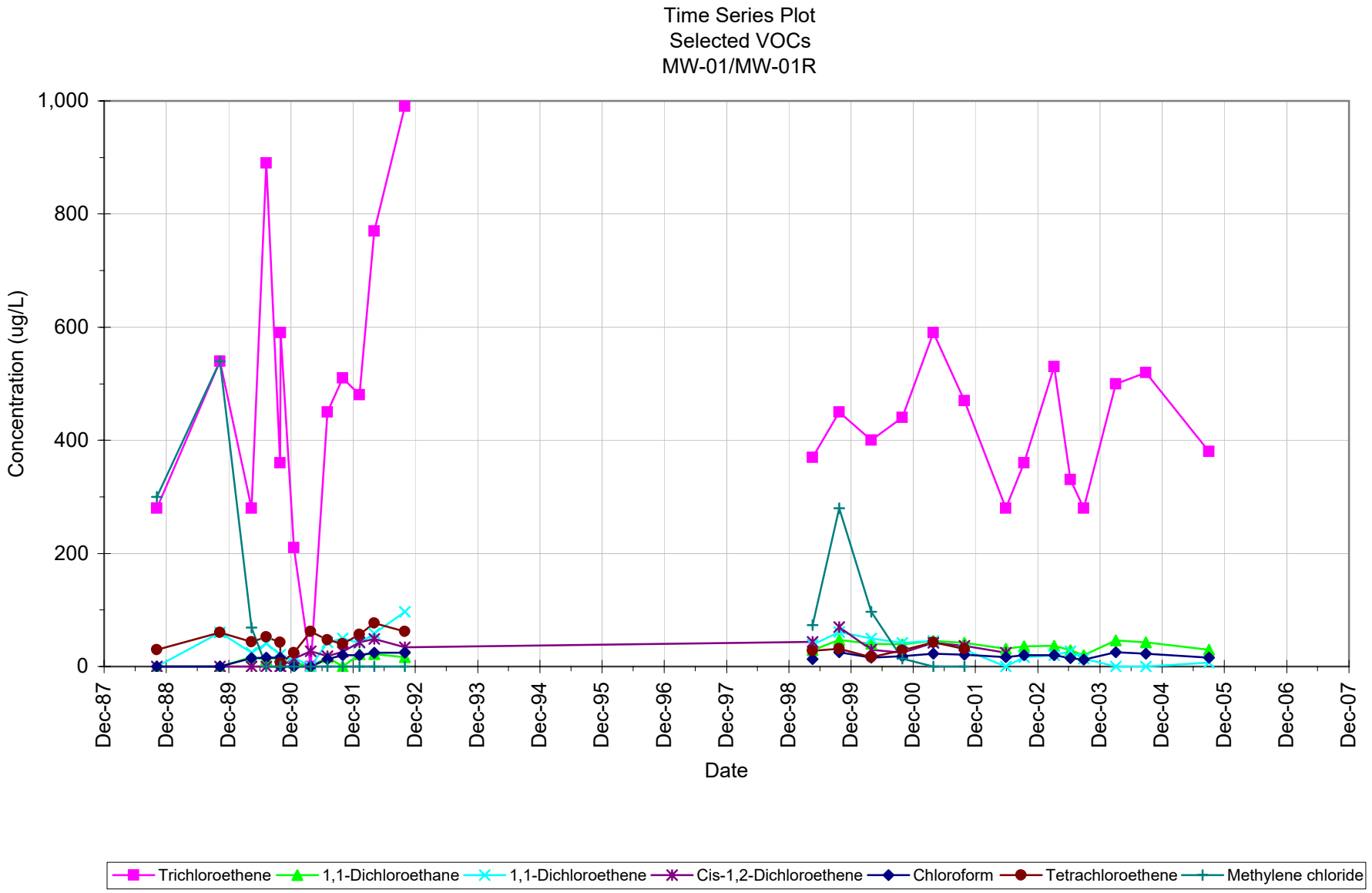
Historic Time Series Plots
From Wells No Longer Sampled

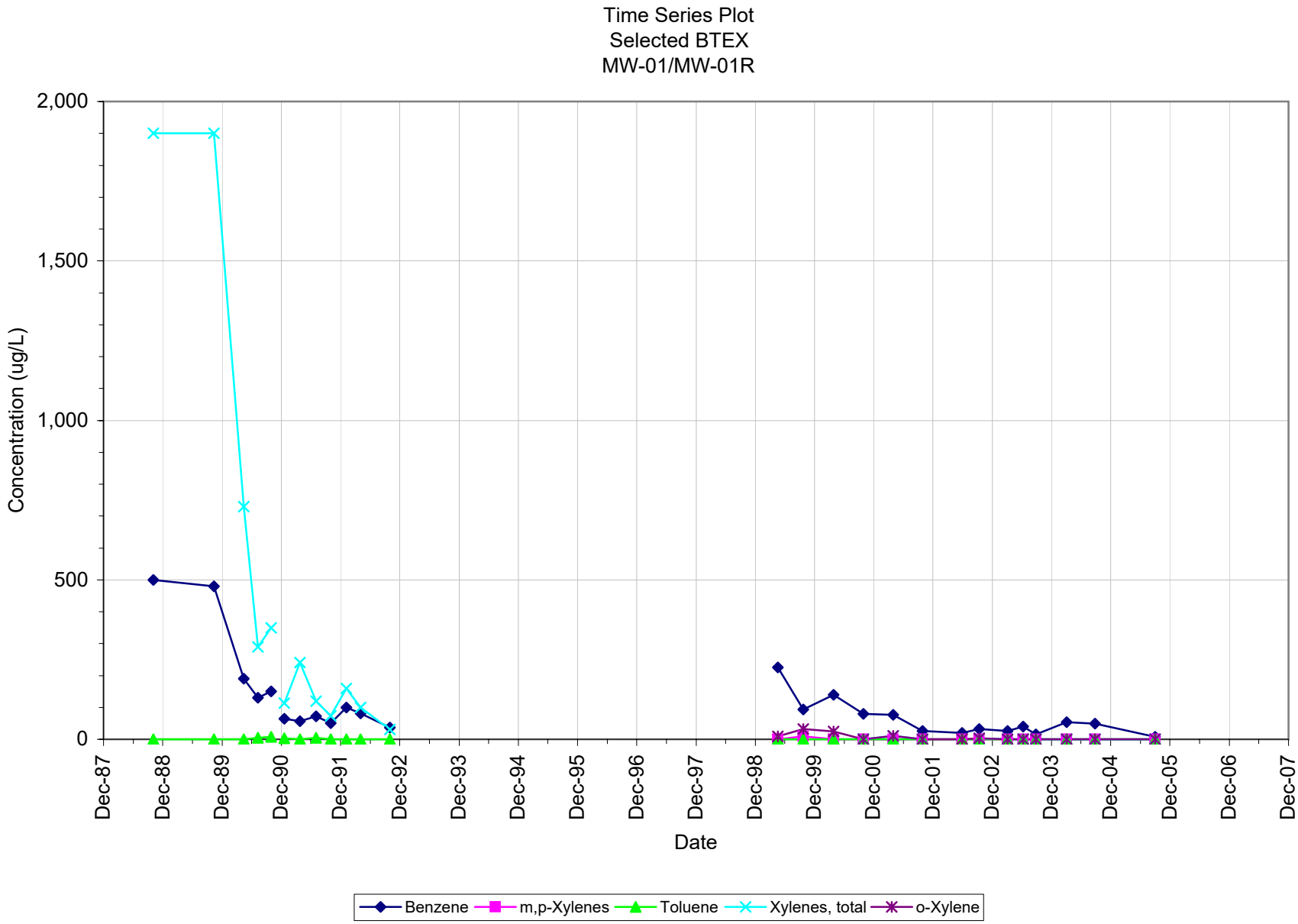

Time Series Plot
Selected VOCs
BGW-02
Concentration (ug/L)
25,000
20,000
15,000
10,000
5,000
0
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
1,1,1-Trichloroethane
Trichloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Cis-1,2-Dichloroethene
Tetrachloroethene

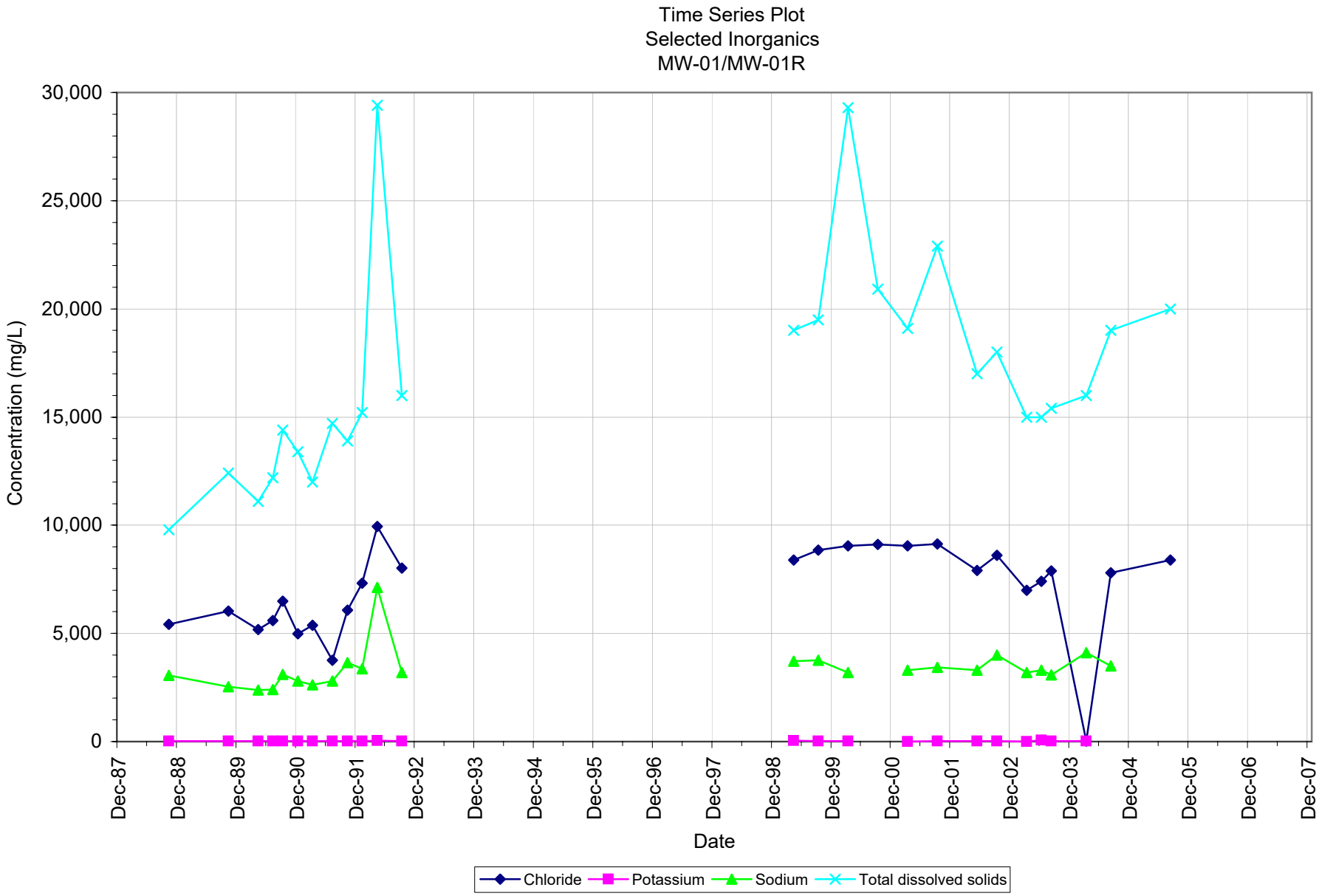

Time Series Plot
Selected BTEX
BGW-02
Concentration (ug/L)
500
450
400
350
300
250
200
150
100
50
0
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Benzene
Toluene
Xylenes, total

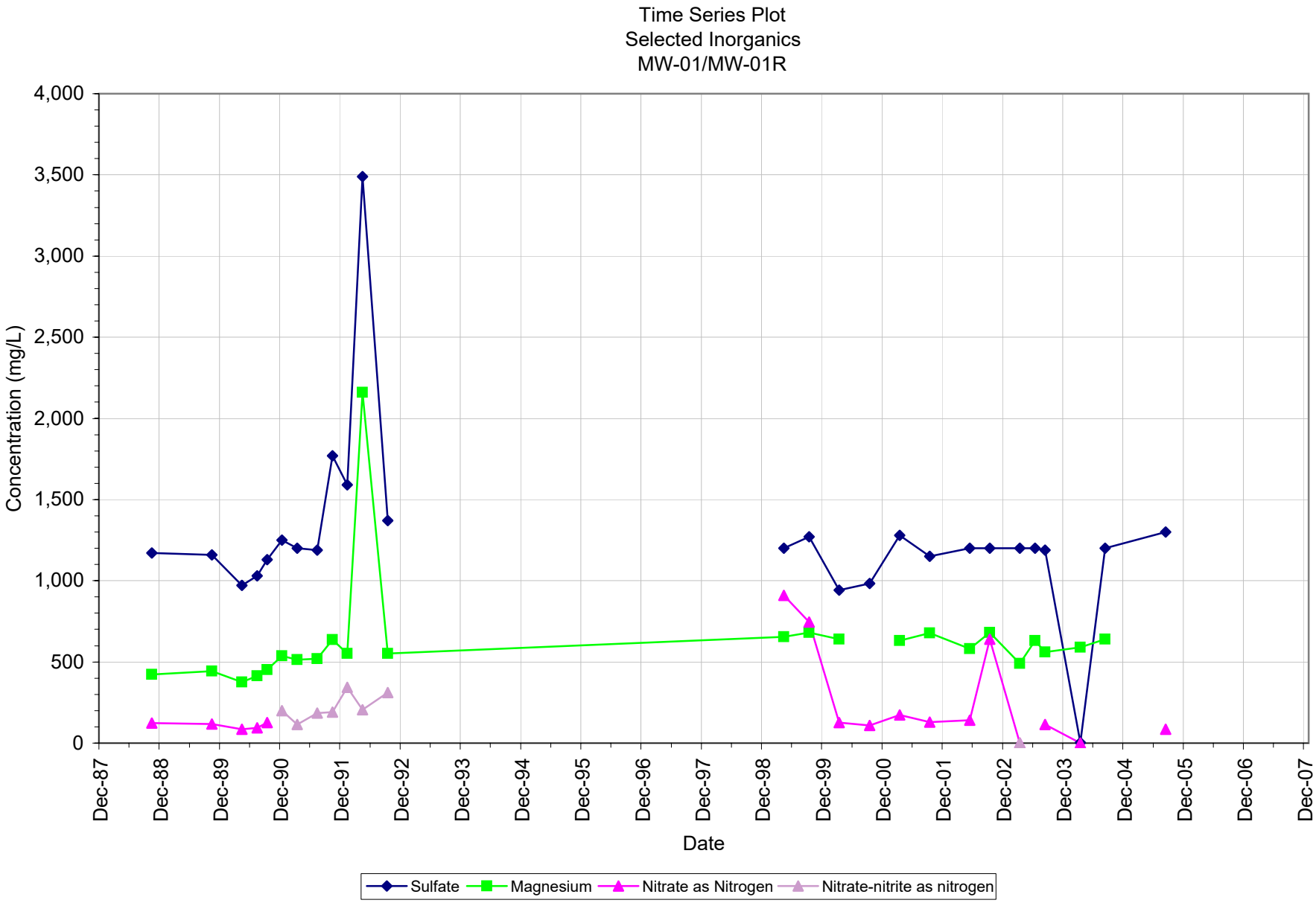
Time Series Plot
Selected Inorganics
BGW-02

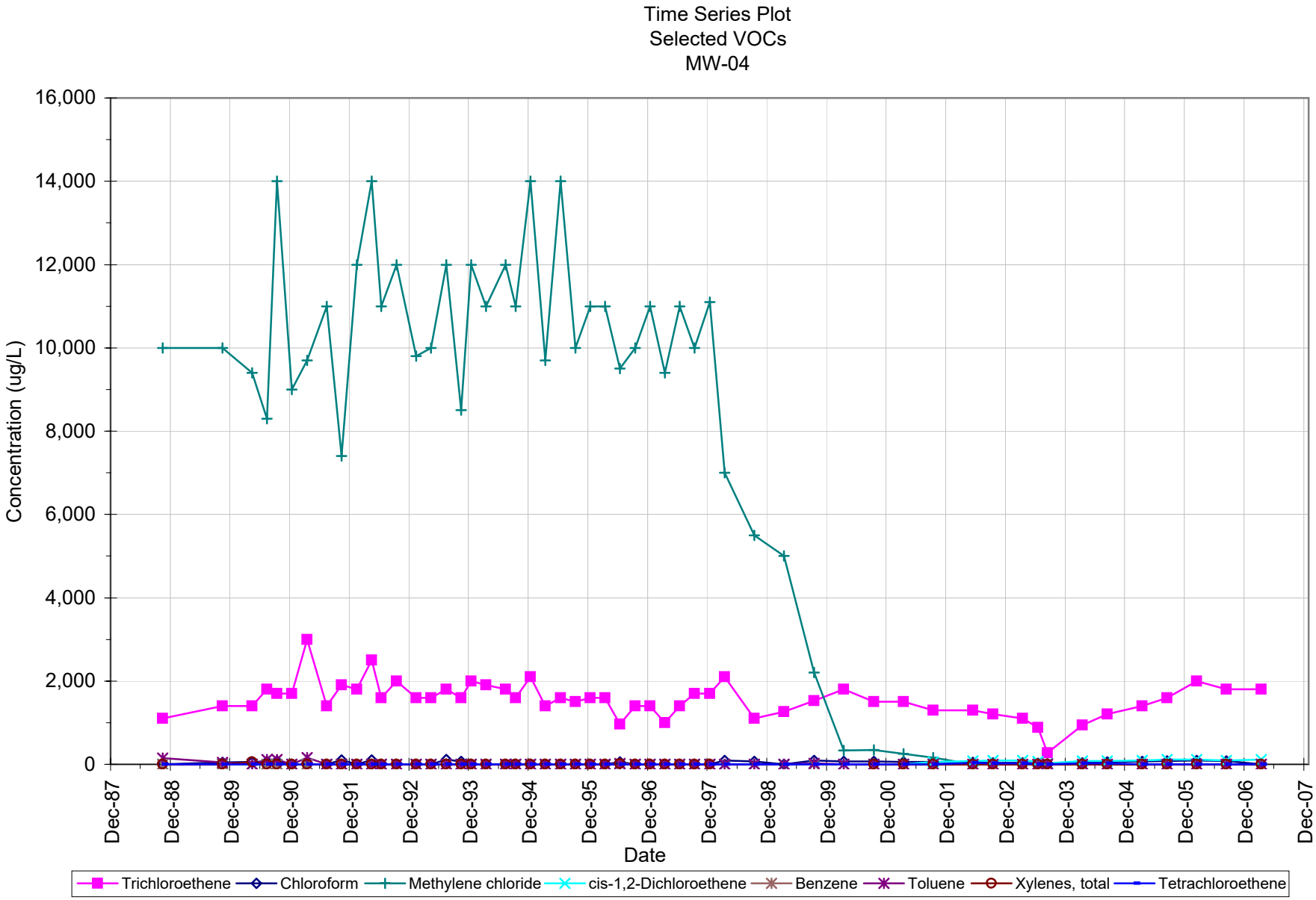


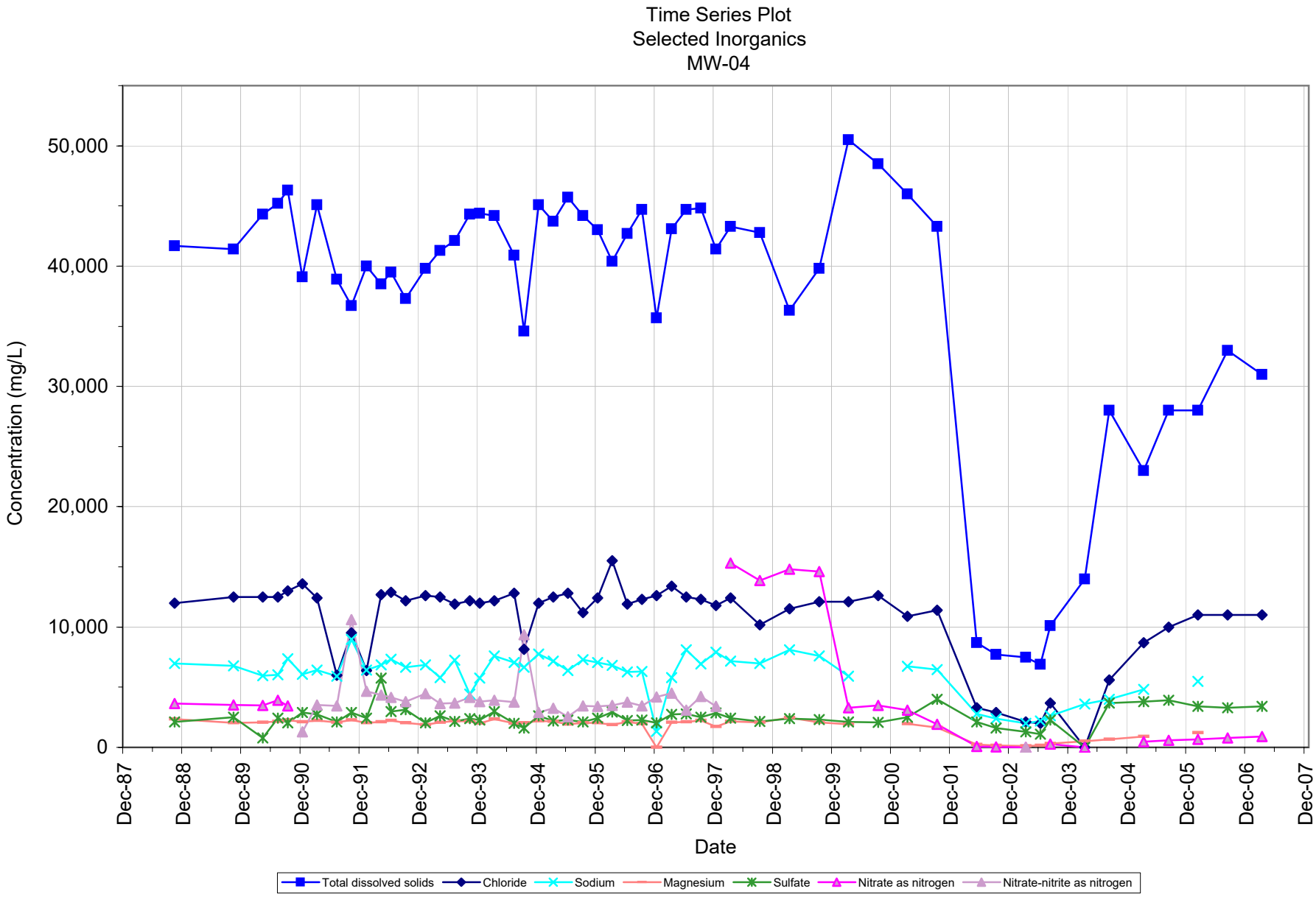

Time Series Plot
Selected VOCs
MW-01/MW-01R
Concentration (ug/L)
1,000
800
600
400
200
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
1,1-Dichloroethane
1,1-Dichloroethene
Cis-1,2-Dichloroethene
Chloroform
Tetrachloroethene
Methylene chloride

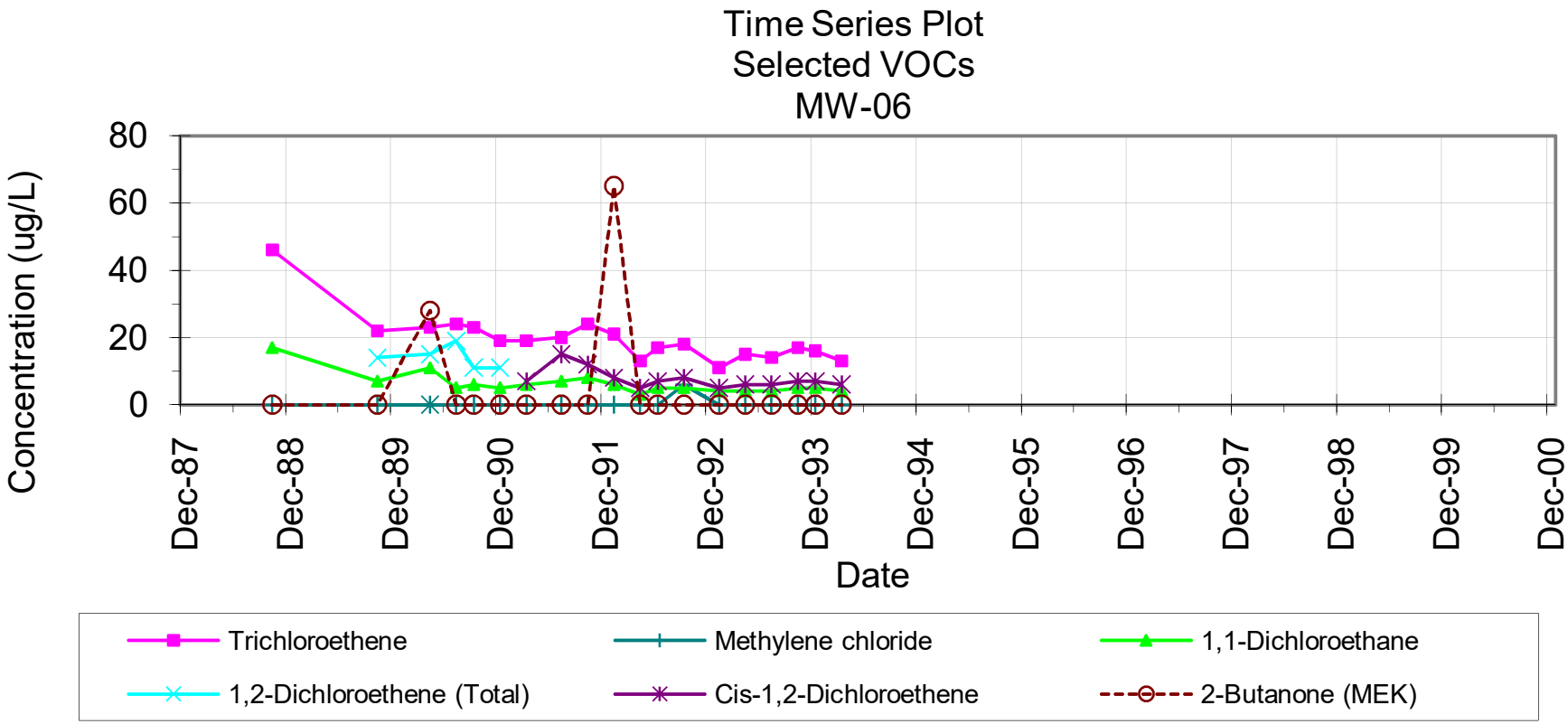

Time Series Plot
Selected BTEX
MW-01/MW-01R
Concentration (ug/L)
2,000
1,500
1,000
500
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Benzene
m,p-Xylenes
Toluene
Xylenes, total
o-Xylene

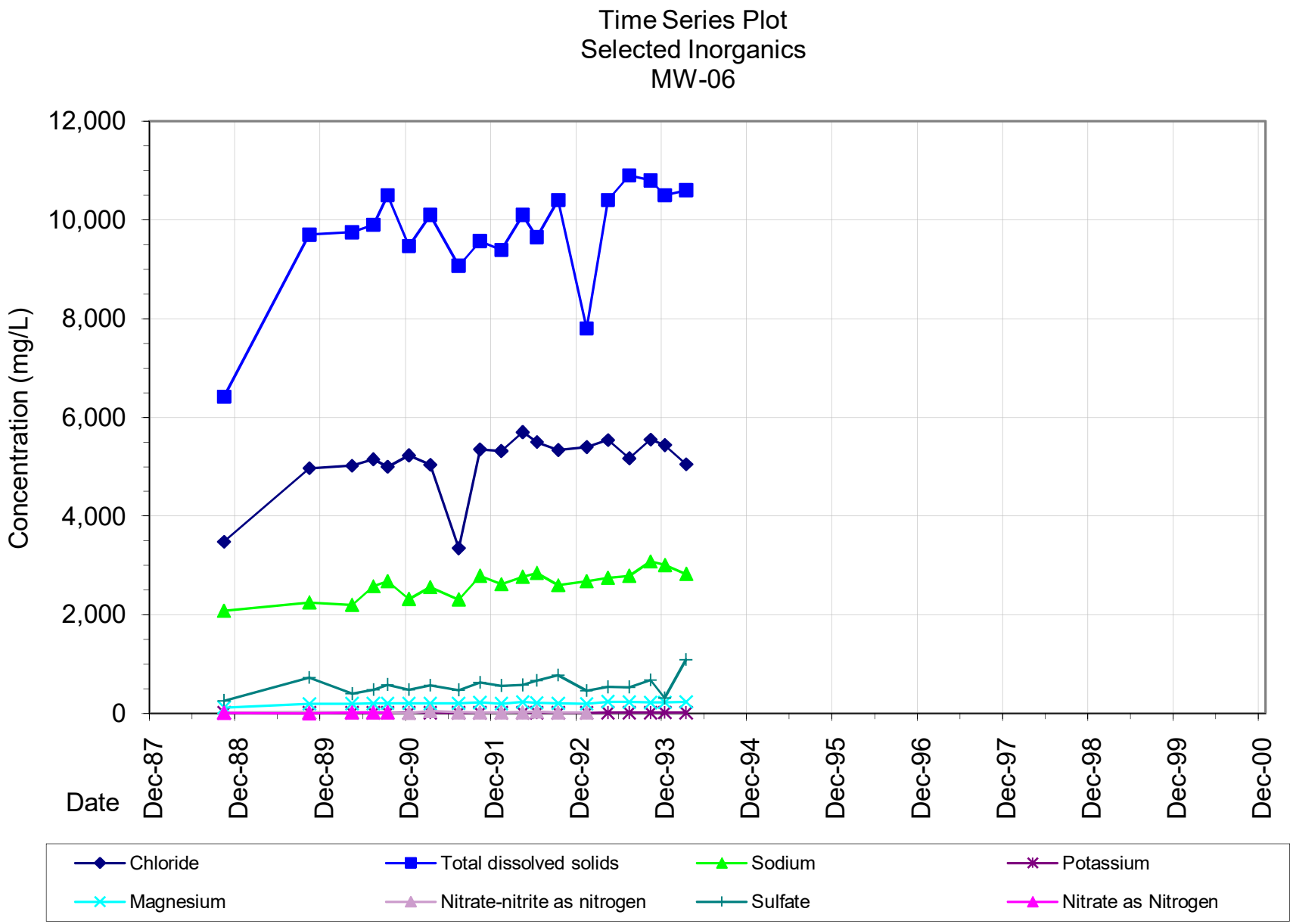

Time Series Plot
Selected Inorganics
MW-01/MW-01R
Concentration (mg/L)
30,000
25,000
20,000
15,000
10,000
5,000
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Chloride
Potassium
Sodium
Total dissolved solids

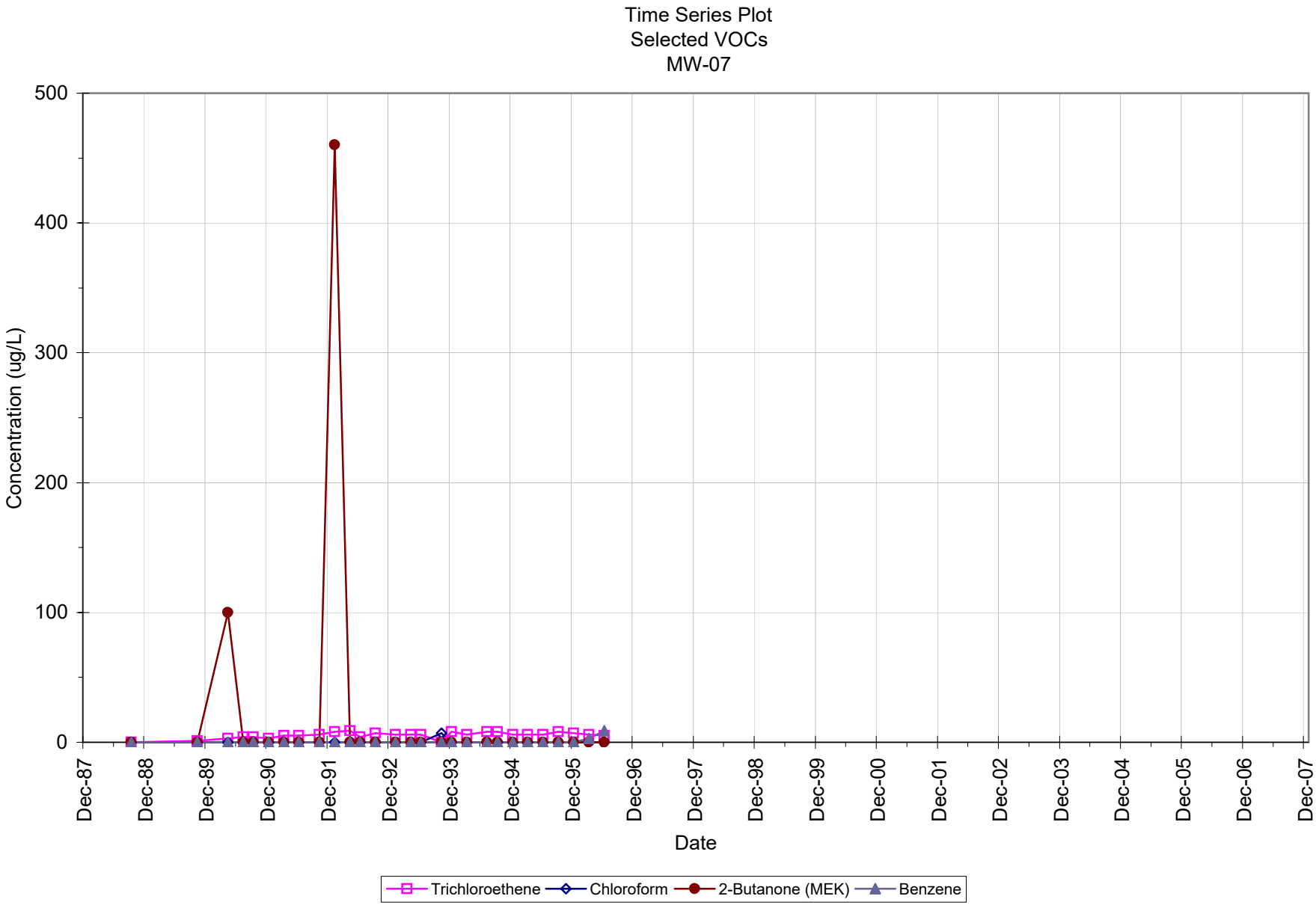

Time Series Plot
Selected Inorganics
MW-01/MW-01R
Concentration (mg/L)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Sulfate
Magnesium
Nitrate as Nitrogen
Nitrate-nitrite as nitrogen

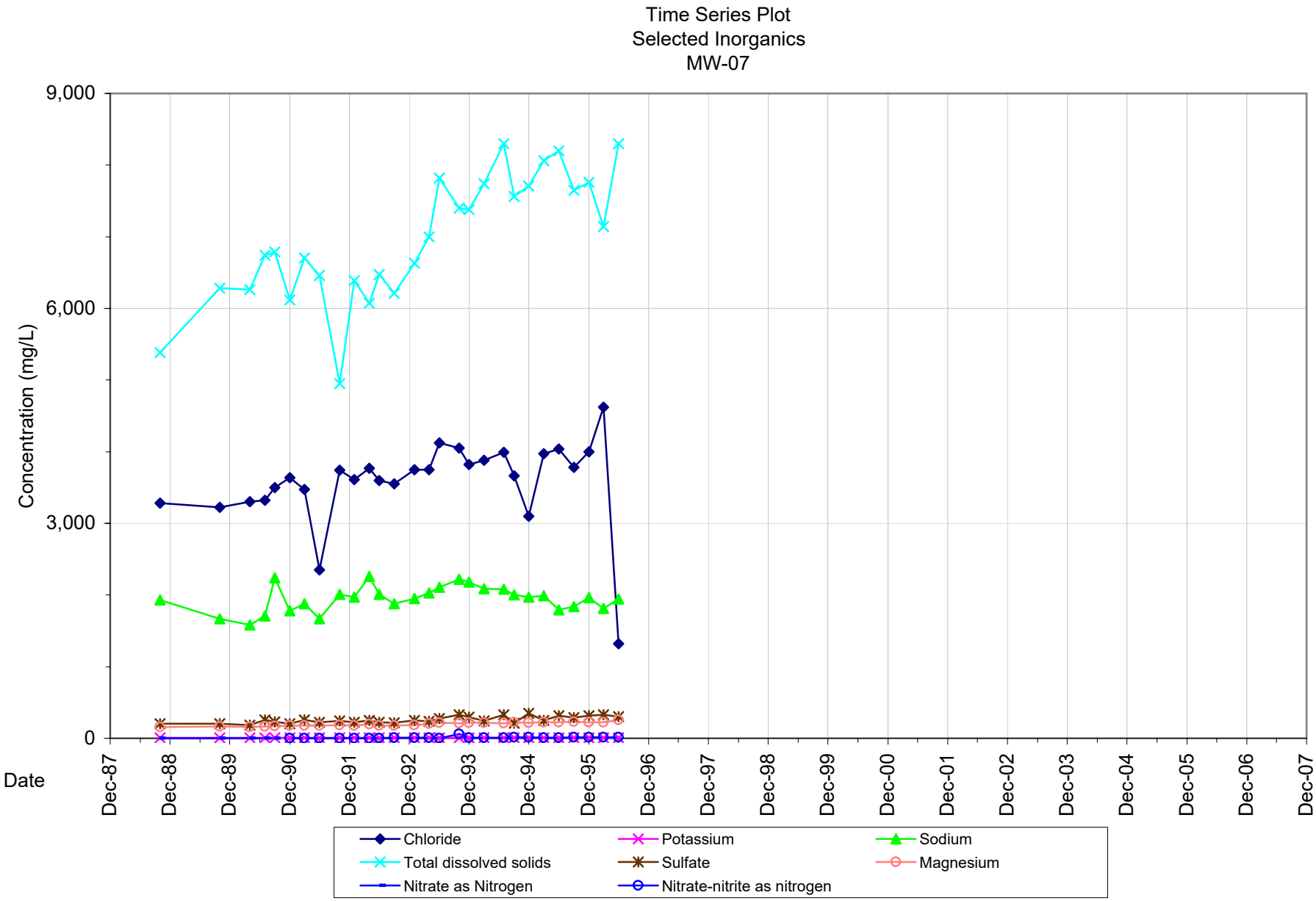

Time Series Plot
Selected VOCs
MW-04
Concentration (ug/L)
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
Chloroform
Methylene chloride
cis-1,2-Dichloroethene
Benzene
Toluene
Xylenes, total
Tetrachloroethene

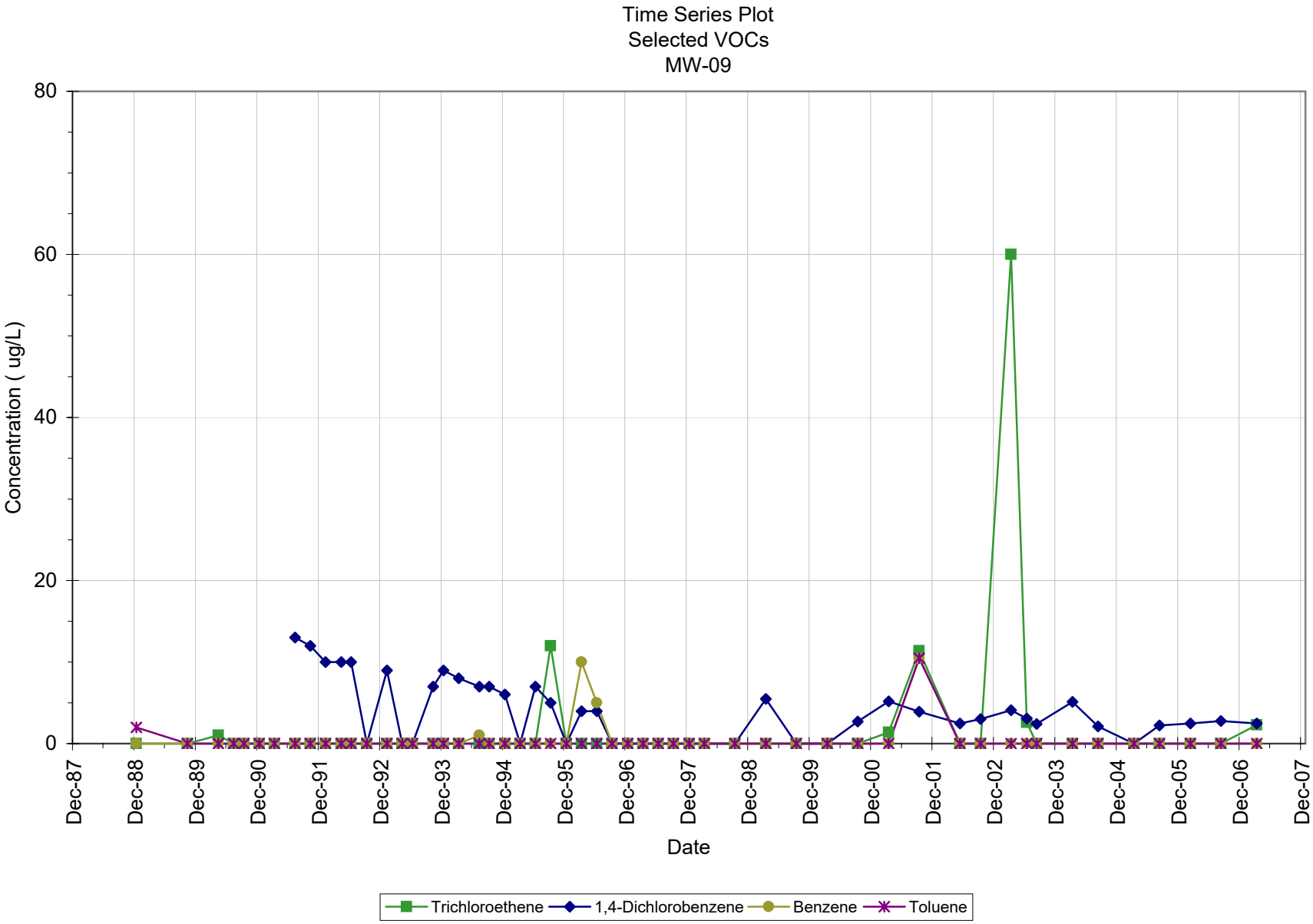

Time Series Plot
Selected Inorganics
MW-04
Concentration (mg/L)
50,000
40,000
30,000
20,000
10,000
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Total dissolved solids
Chloride
Sodium
Magnesium
Sulfate
Nitrate as nitrogen
Nitrate-nitrite as nitrogen

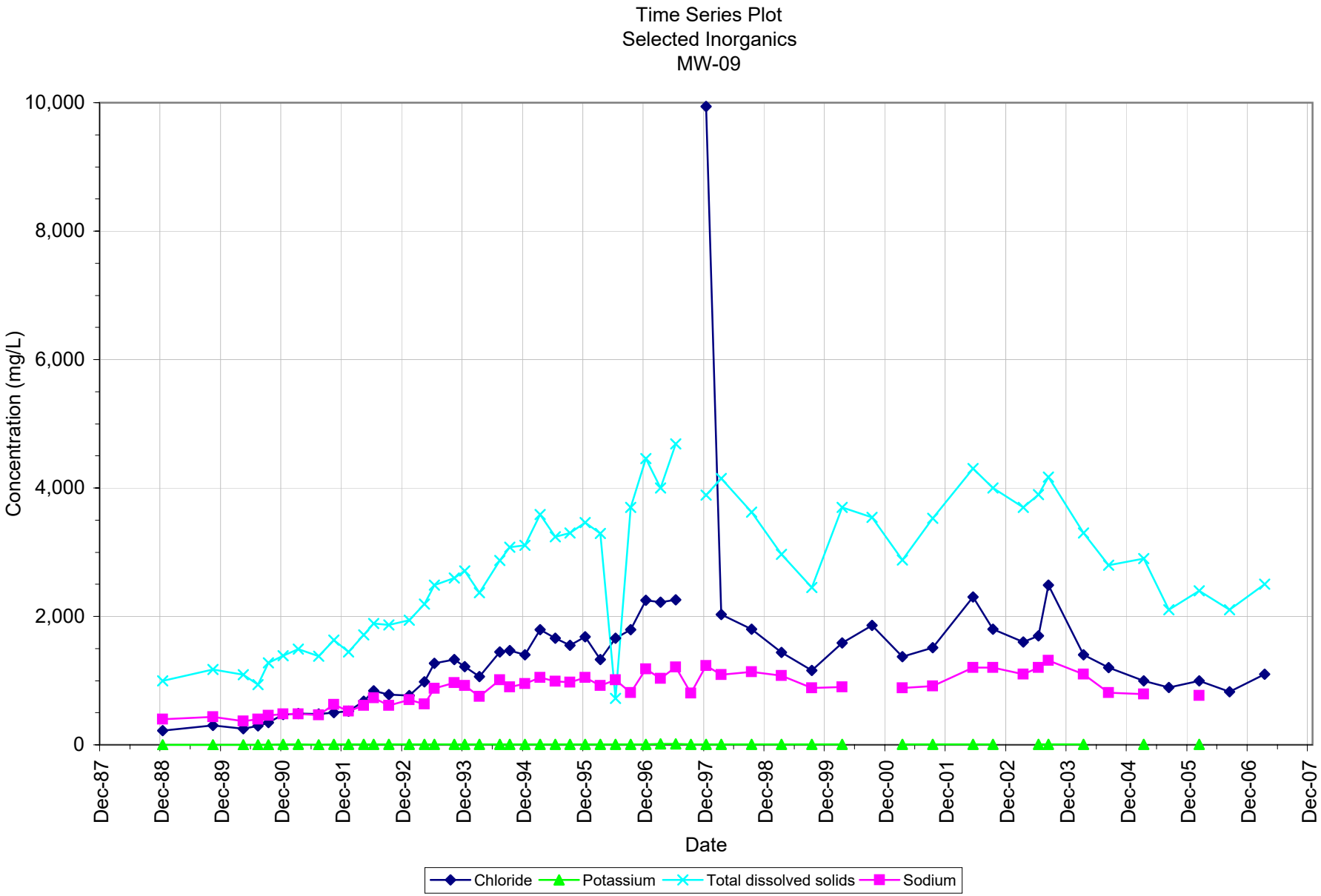

Time Series Plot
Selected VOCs
MW-06
Concentration (ug/L)
80
60
40
20
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Date
Trichloroethene
Methylene chloride
1,1-Dichloroethane
1,2-Dichloroethene (Total)
Cis-1,2-Dichloroethene
2-Butanone (MEK)

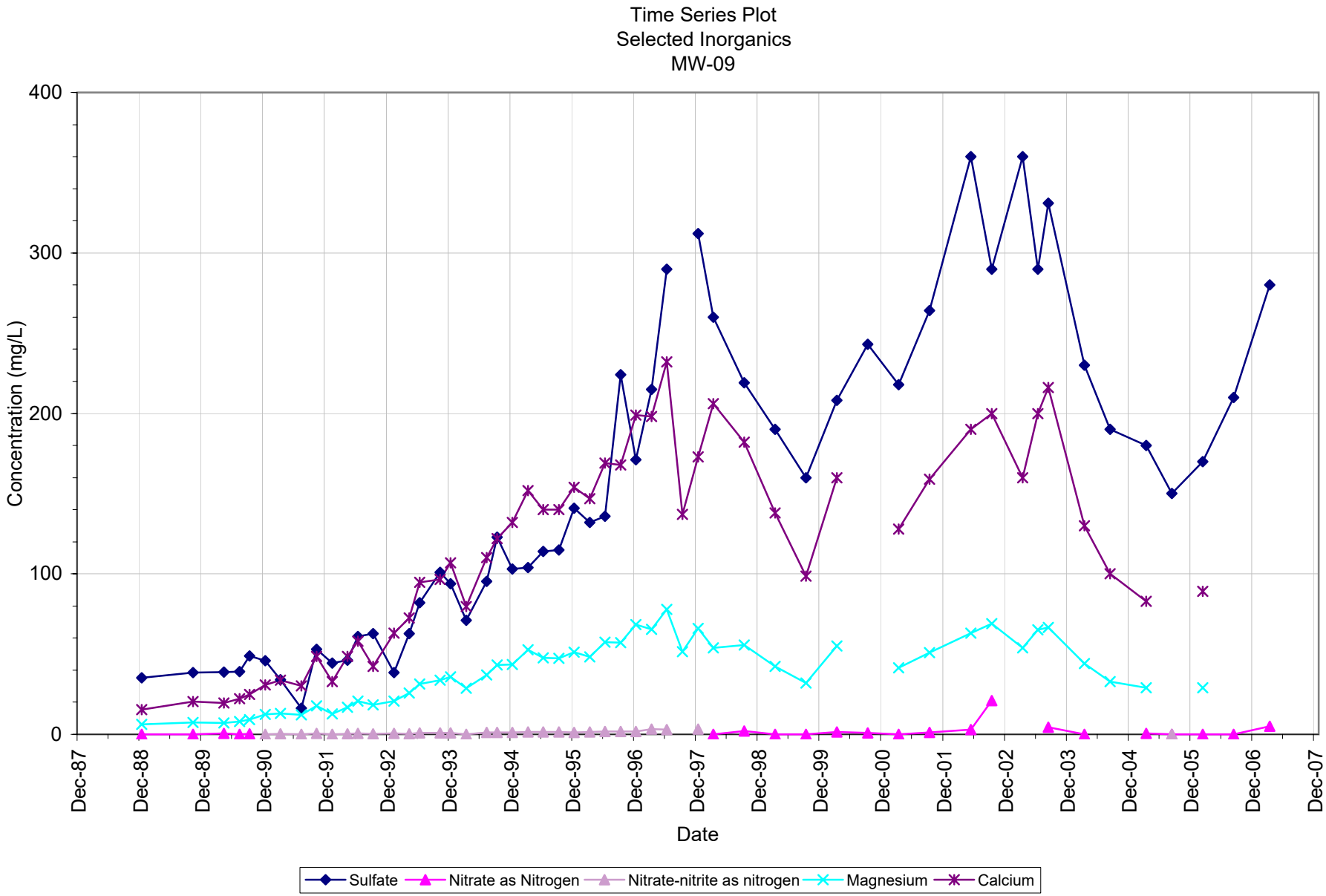

Time Series Plot
Selected Inorganics
MW-06
Concentration (mg/L)
12,000
10,000
8,000
6,000
4,000
2,000
0
Date
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Chloride
Total dissolved solids
Sodium
Potassium
Magnesium
Nitrate-nitrite as nitrogen
Sulfate
Nitrate as Nitrogen

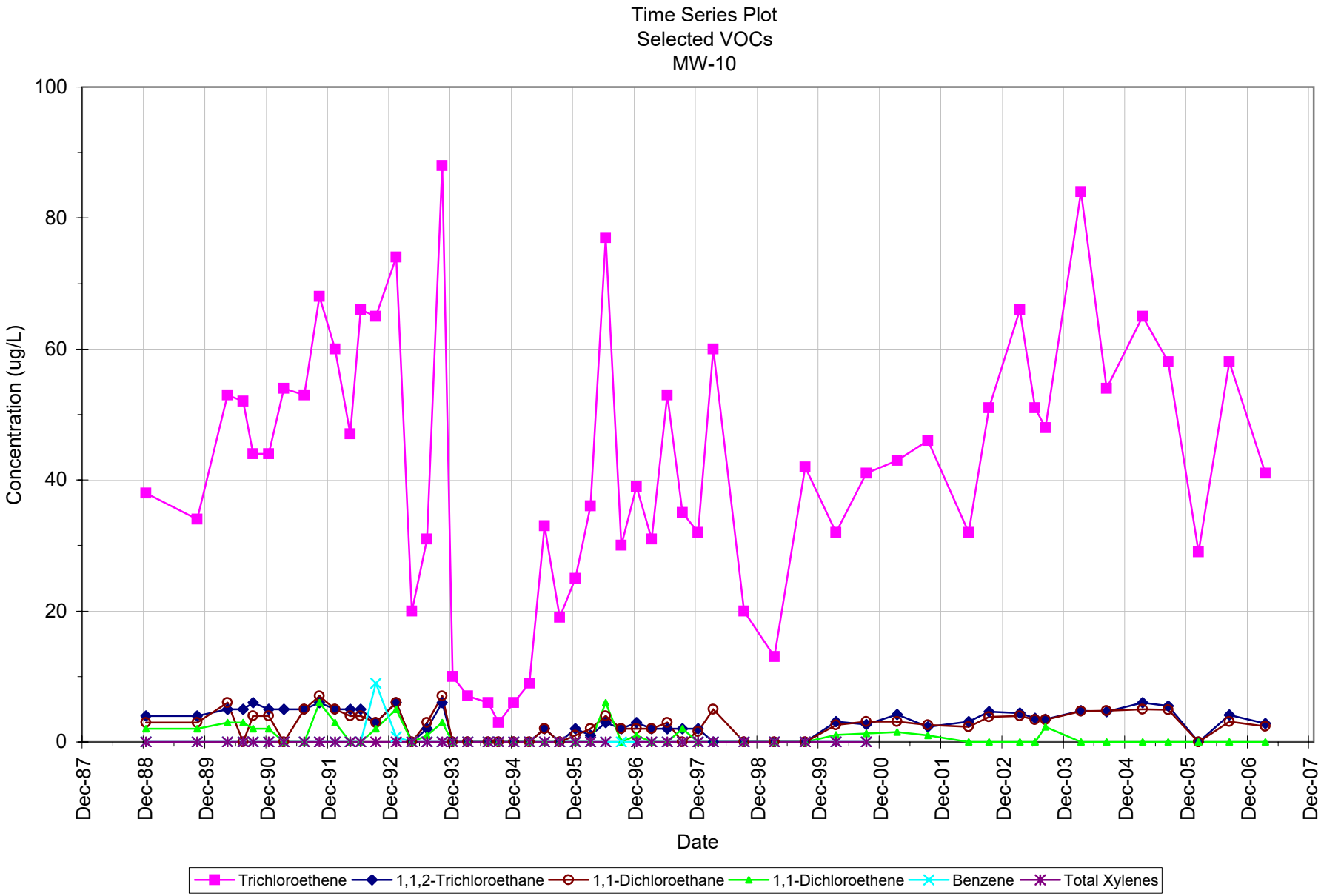

Time Series Plot
Selected VOCs
MW-07
Concentration (ug/L)
500
400
300
200
100
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
Chloroform
2-Butanone (MEK)
Benzene

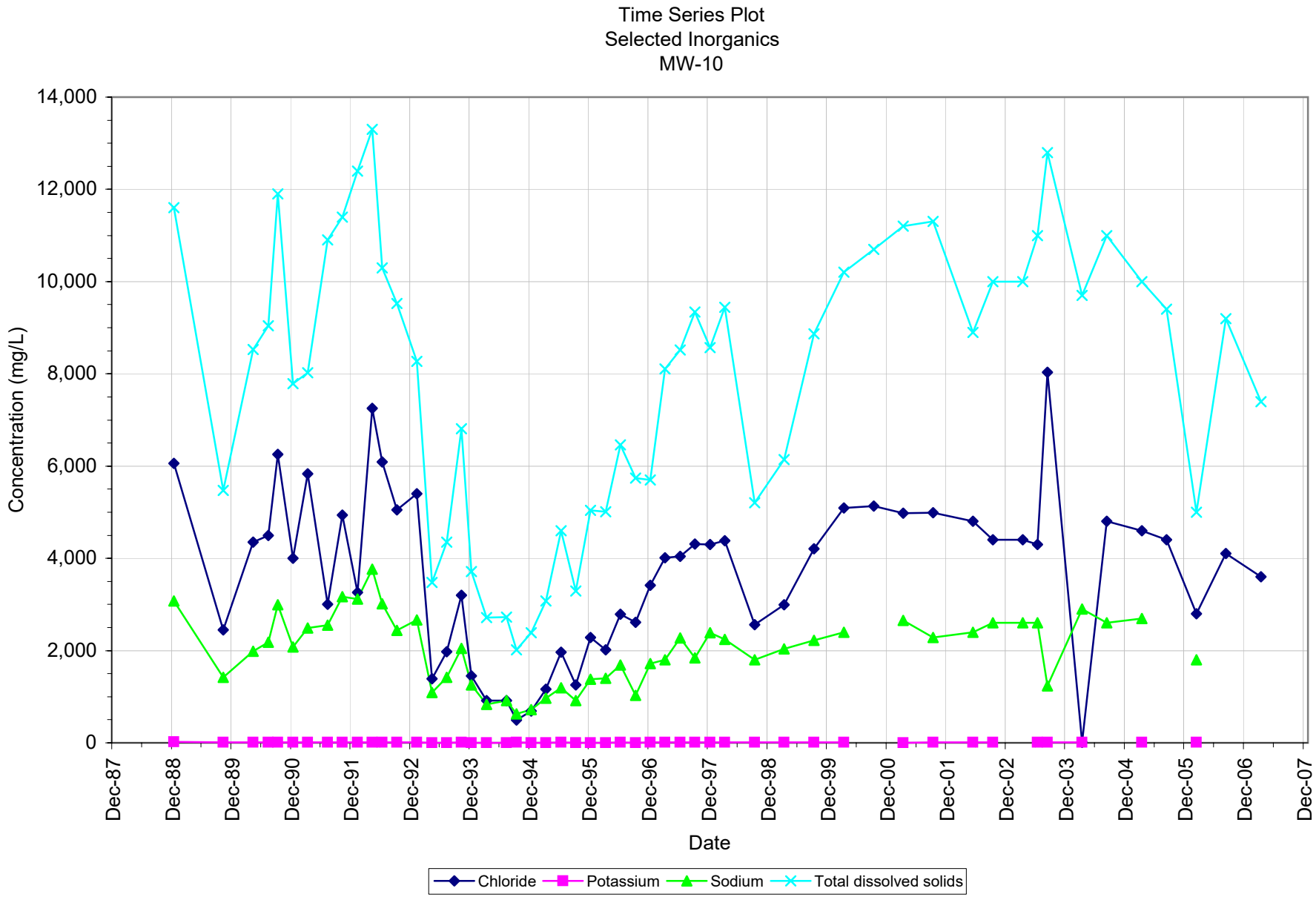

Time Series Plot
Selected Inorganics
MW-07
9,000
6,000
3,000
0
Concentration (mg/L)
Date
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Chloride
Potassium
Sodium
Total dissolved solids
Sulfate
Magnesium
Nitrate as Nitrogen
Nitrate-nitrite as nitrogen

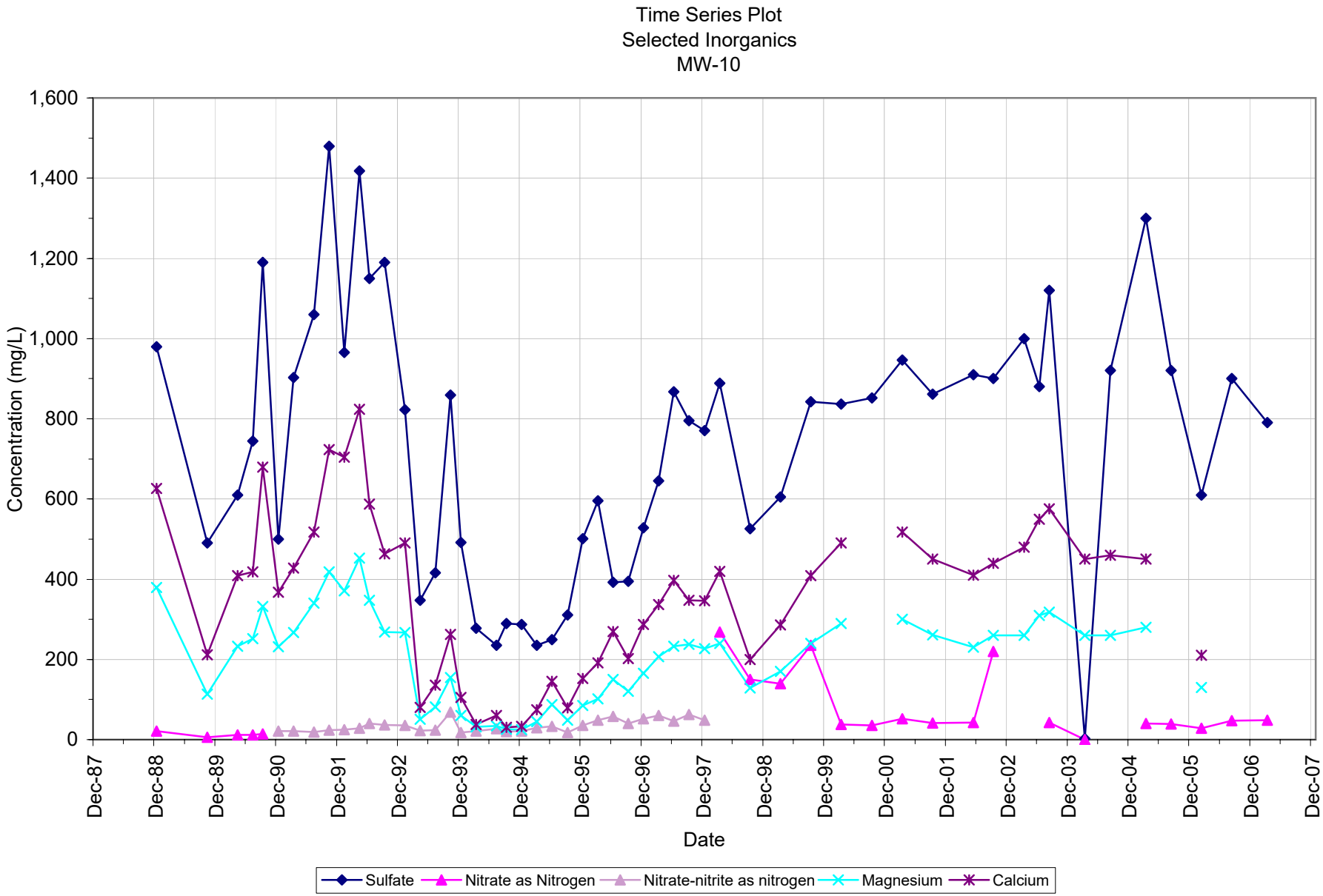

Time Series Plot
Selected VOCs
MW-09
Concentration (ug/L)
80
60
40
20
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
1,4-Dichlorobenzene
Benzene
Toluene

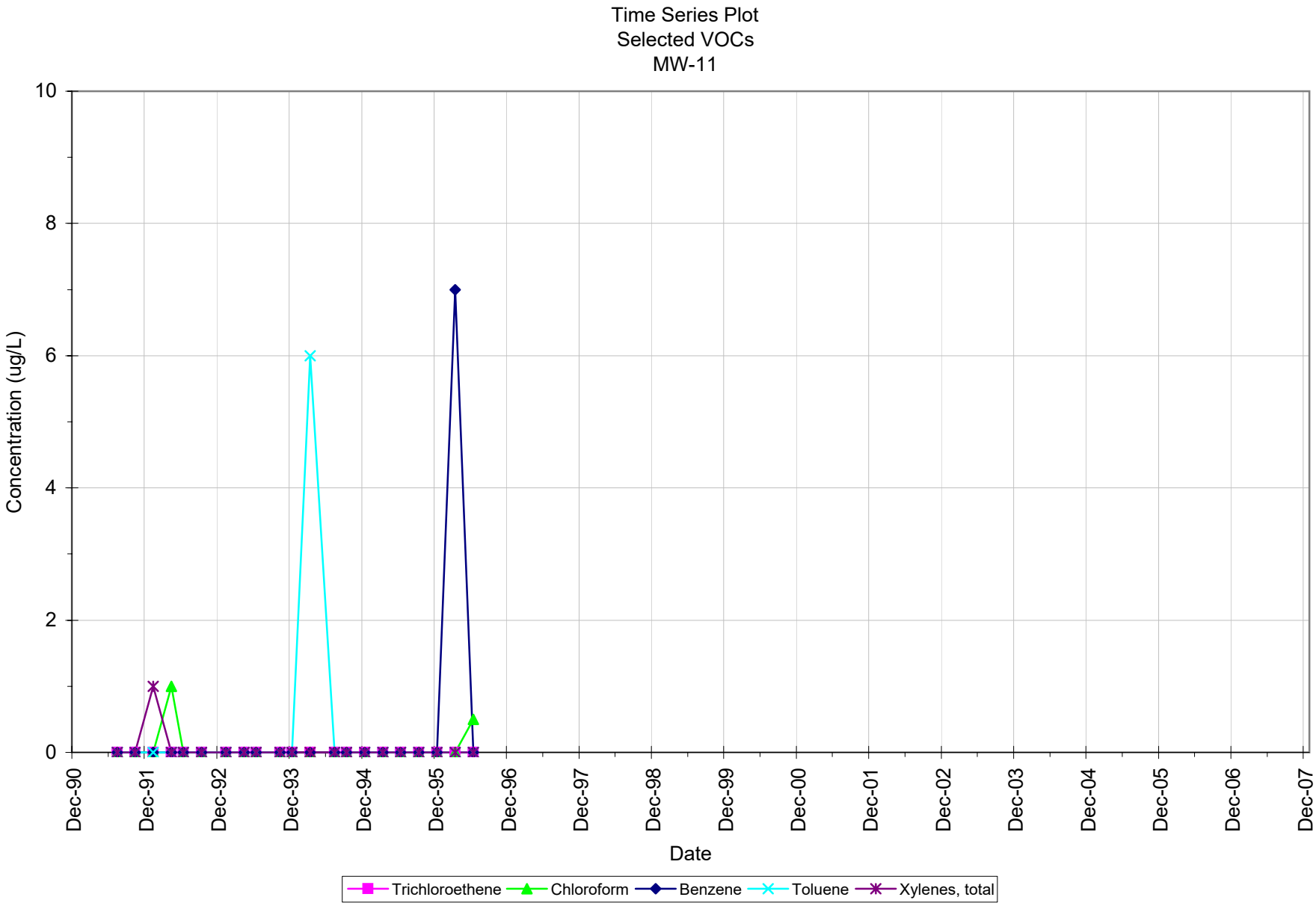

Time Series Plot
Selected Inorganics
MW-09
Concentration (mg/L)
10,000
8,000
6,000
4,000
2,000
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Chloride
Potassium
Total dissolved solids
Sodium

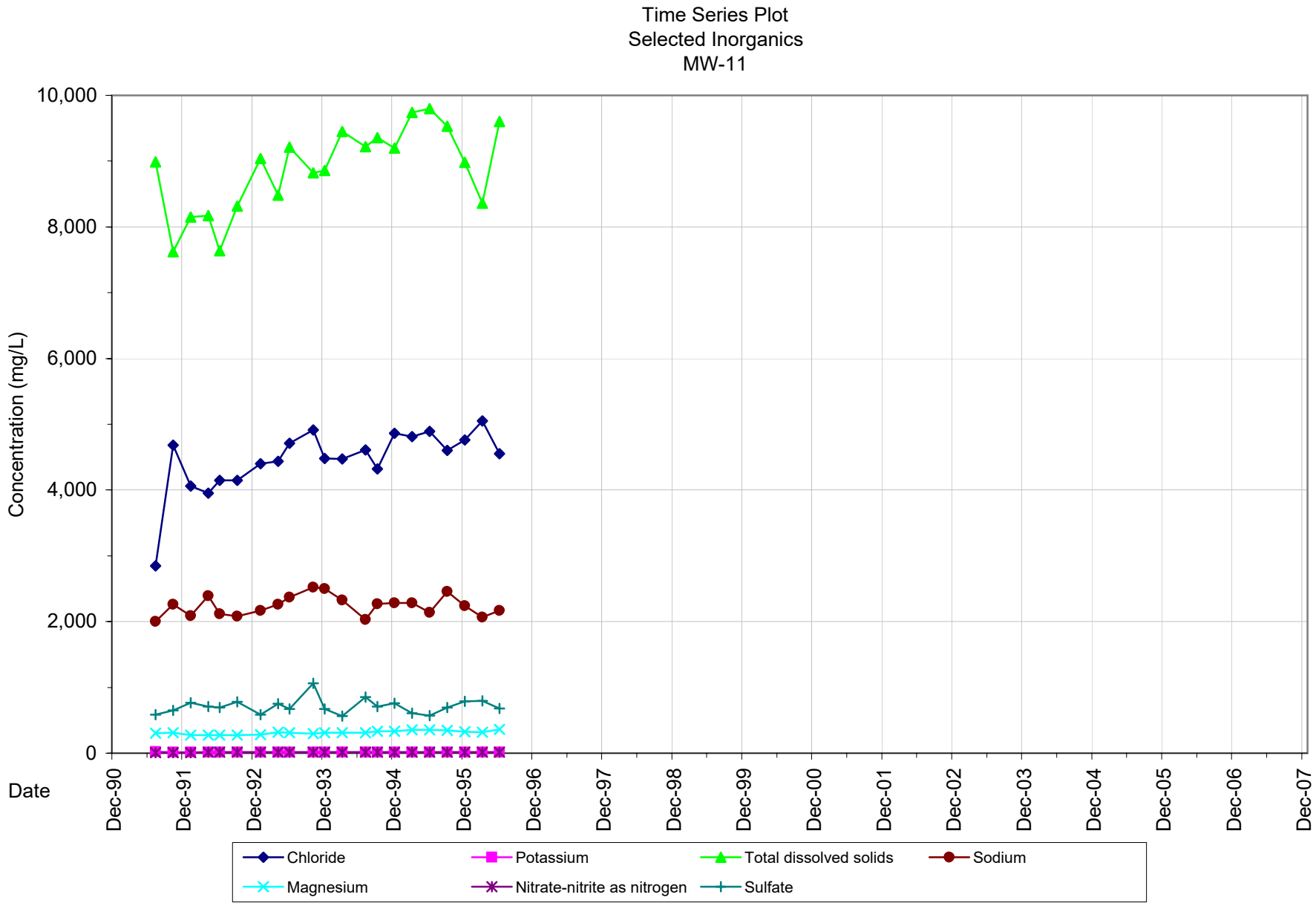

Time Series Plot
Selected Inorganics
MW-09
Concentration (mg/L)
400
300
200
100
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Sulfate
Nitrate as Nitrogen
Nitrate-nitrite as nitrogen
Magnesium
Calcium

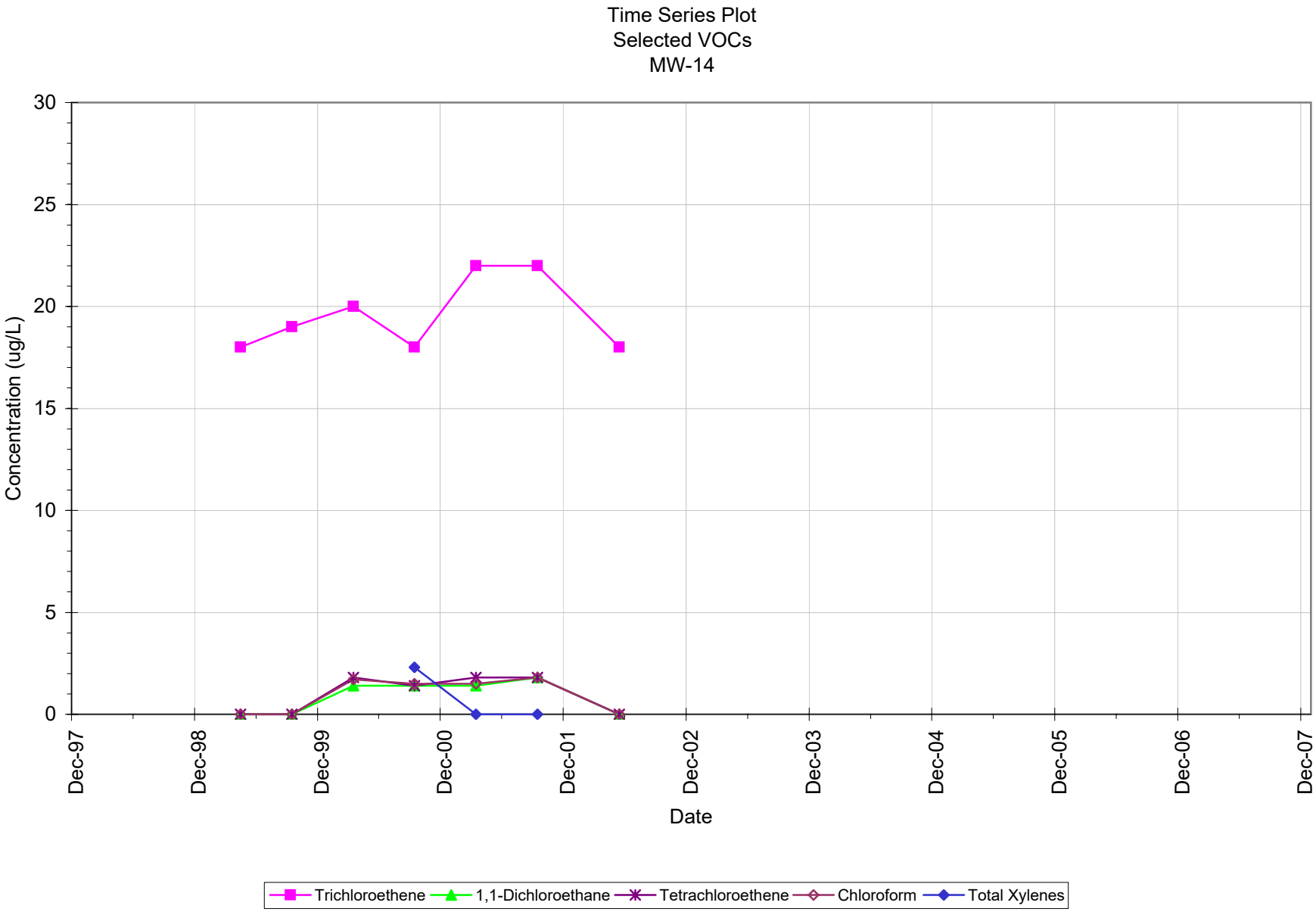

Time Series Plot
Selected VOCs
MW-10
Concentration (ug/L)
100
80
60
40
20
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
Benzene
Total Xylenes

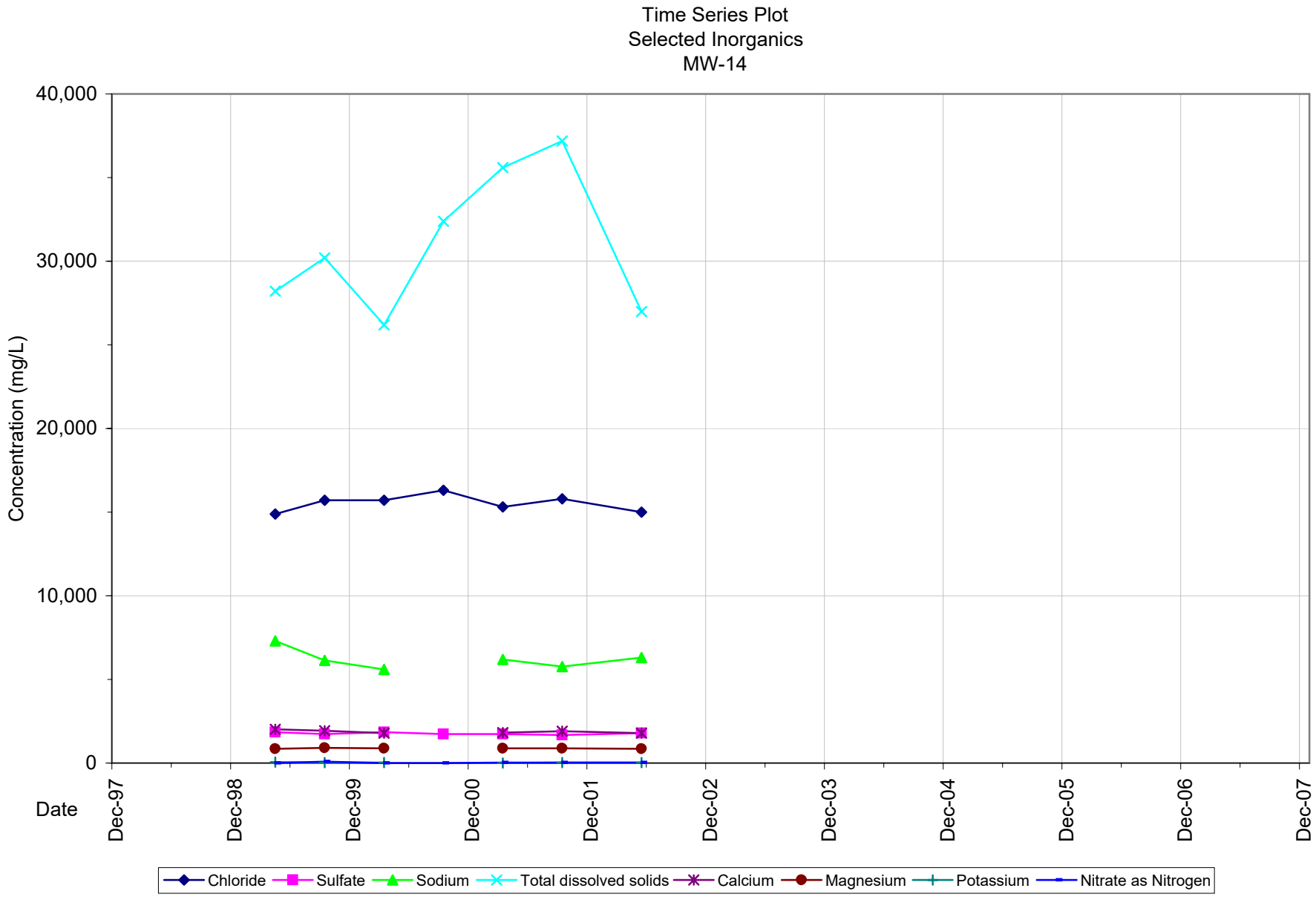

Time Series Plot
Selected Inorganics
MW-10
Concentration (mg/L)
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Chloride
Potassium
Sodium
Total dissolved solids

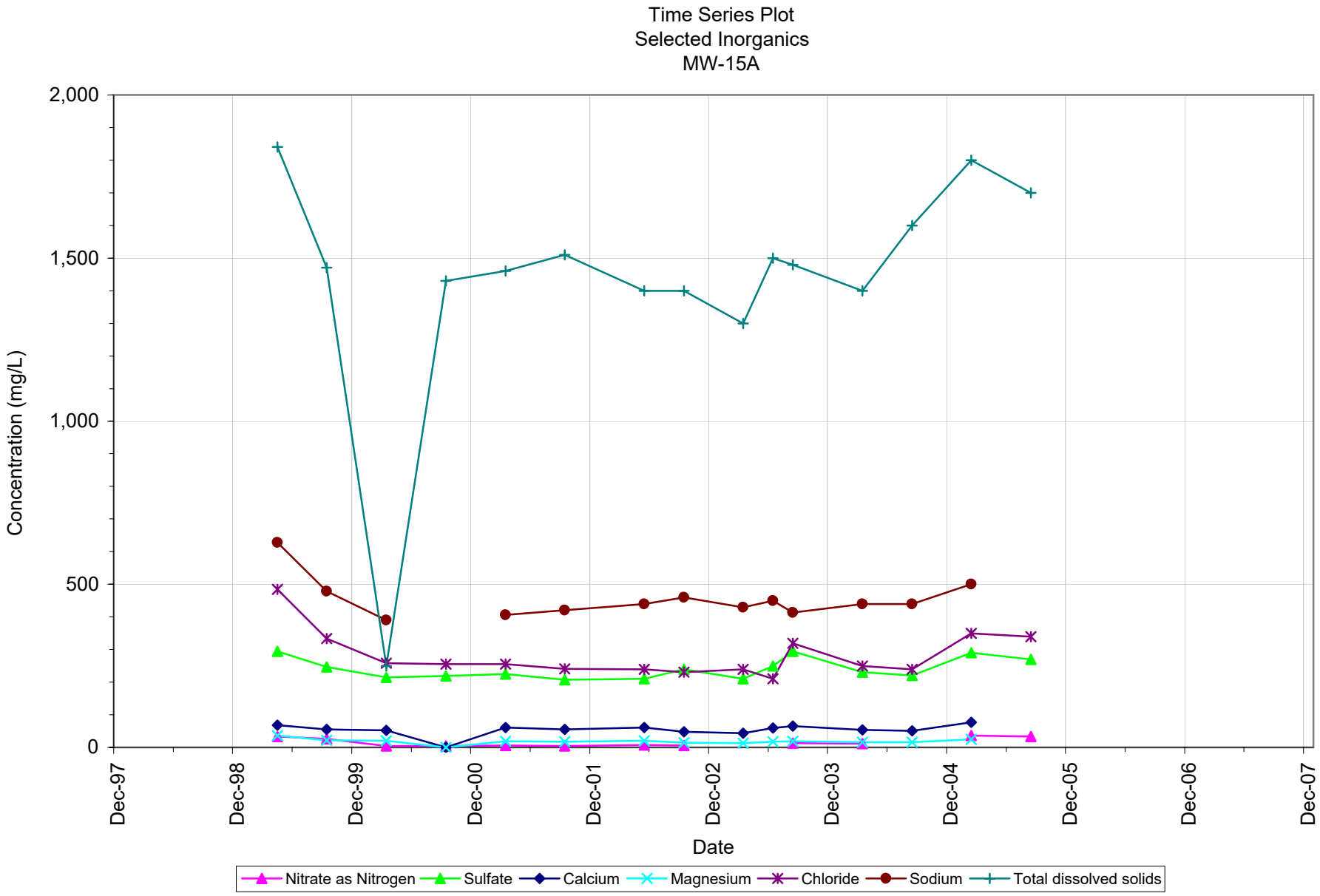

Time Series Plot
Selected Inorganics
MW-10
Concentration (mg/L)
1,600
1,400
1,200
1,000
800
600
400
200
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Sulfate
Nitrate as Nitrogen
Nitrate-nitrite as nitrogen
Magnesium
Calcium

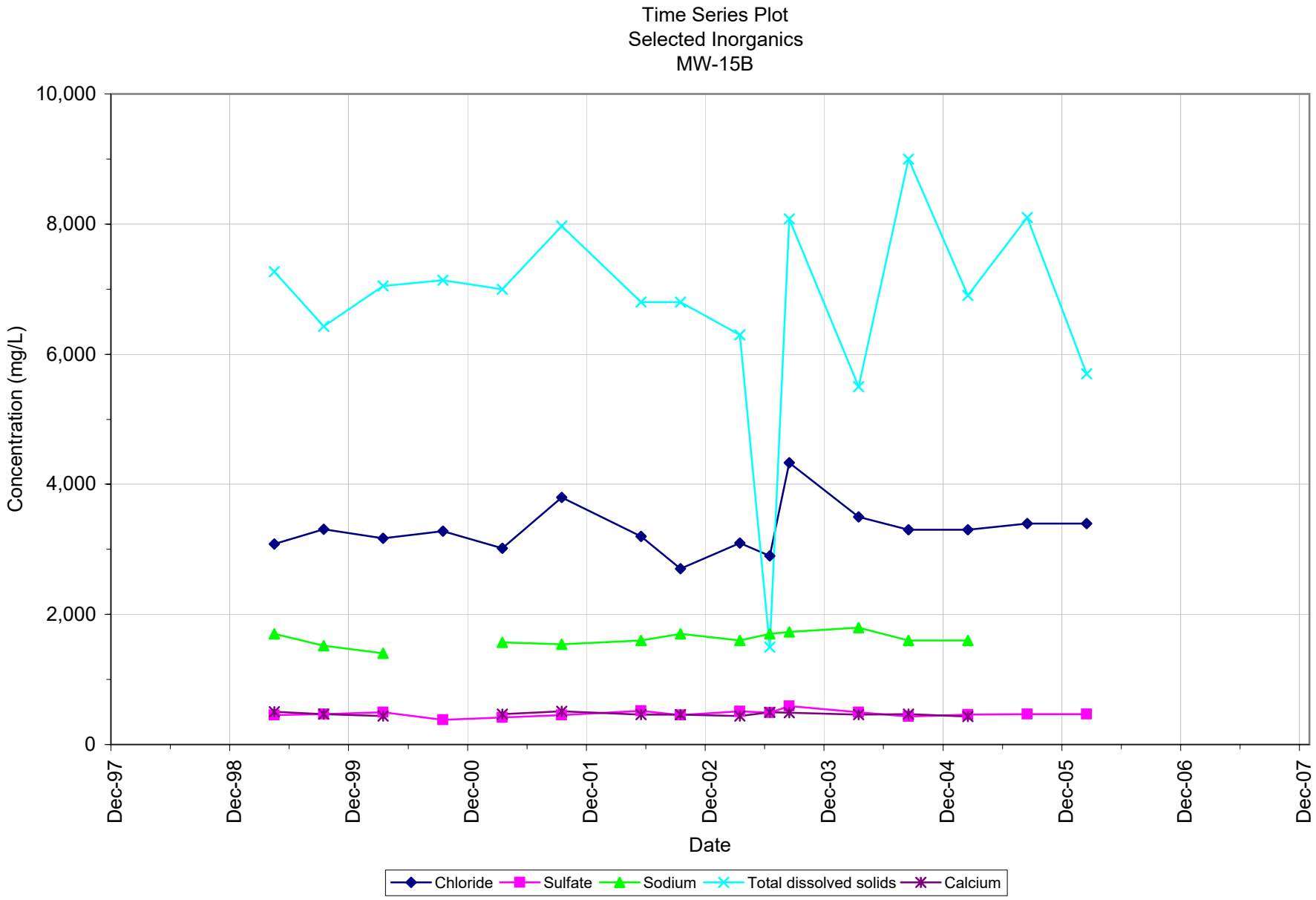

Time Series Plot
Selected VOCs
MW-11
Concentration (ug/L)
10
8
6
4
2
0
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
Chloroform
Benzene
Toluene
Xylenes, total

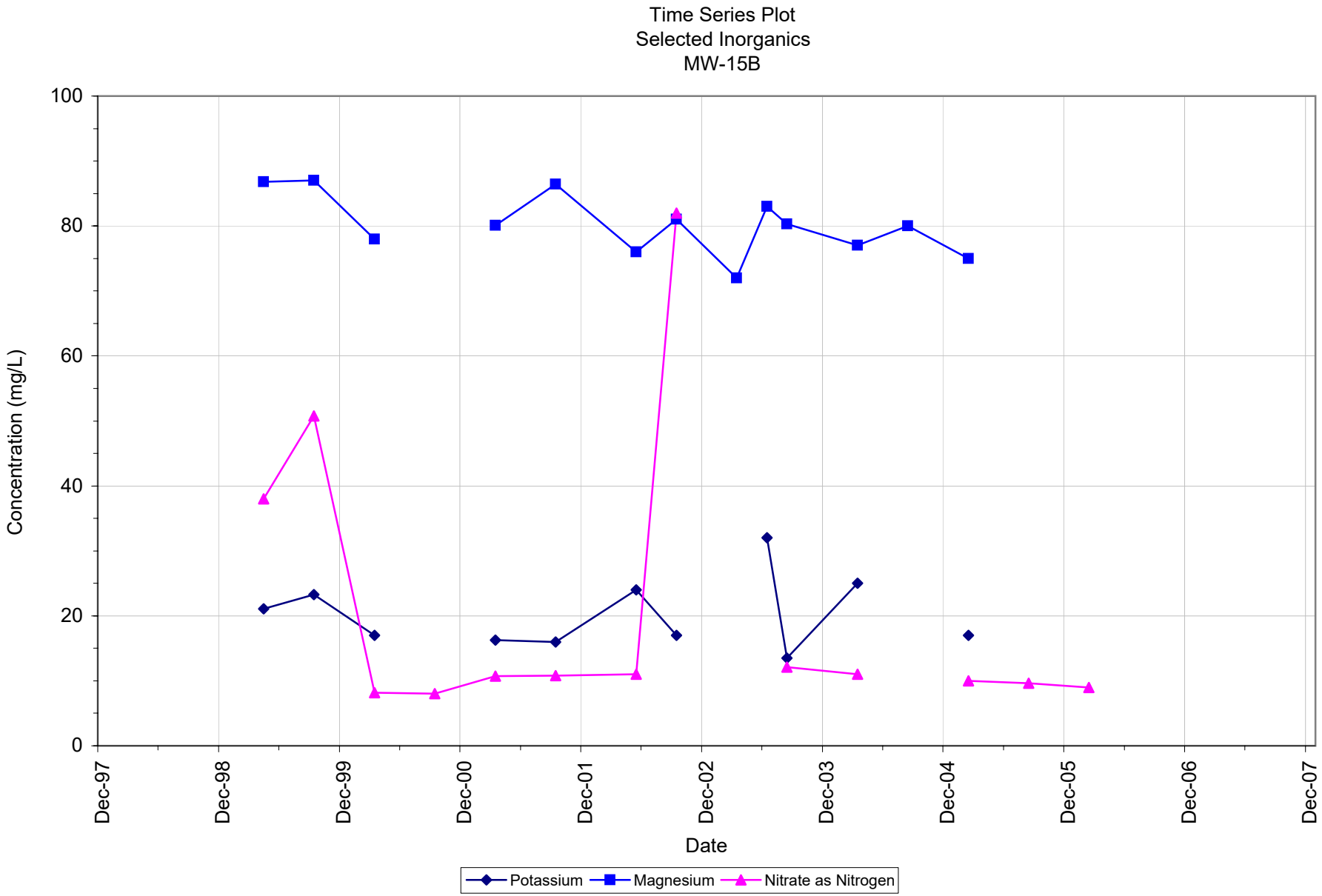

Time Series Plot
Selected Inorganics
MW-11
Concentration (mg/L)
10,000
8,000
6,000
4,000
2,000
0
Date
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Chloride
Potassium
Total dissolved solids
Sodium
Magnesium
Nitrate-nitrite as nitrogen
Sulfate

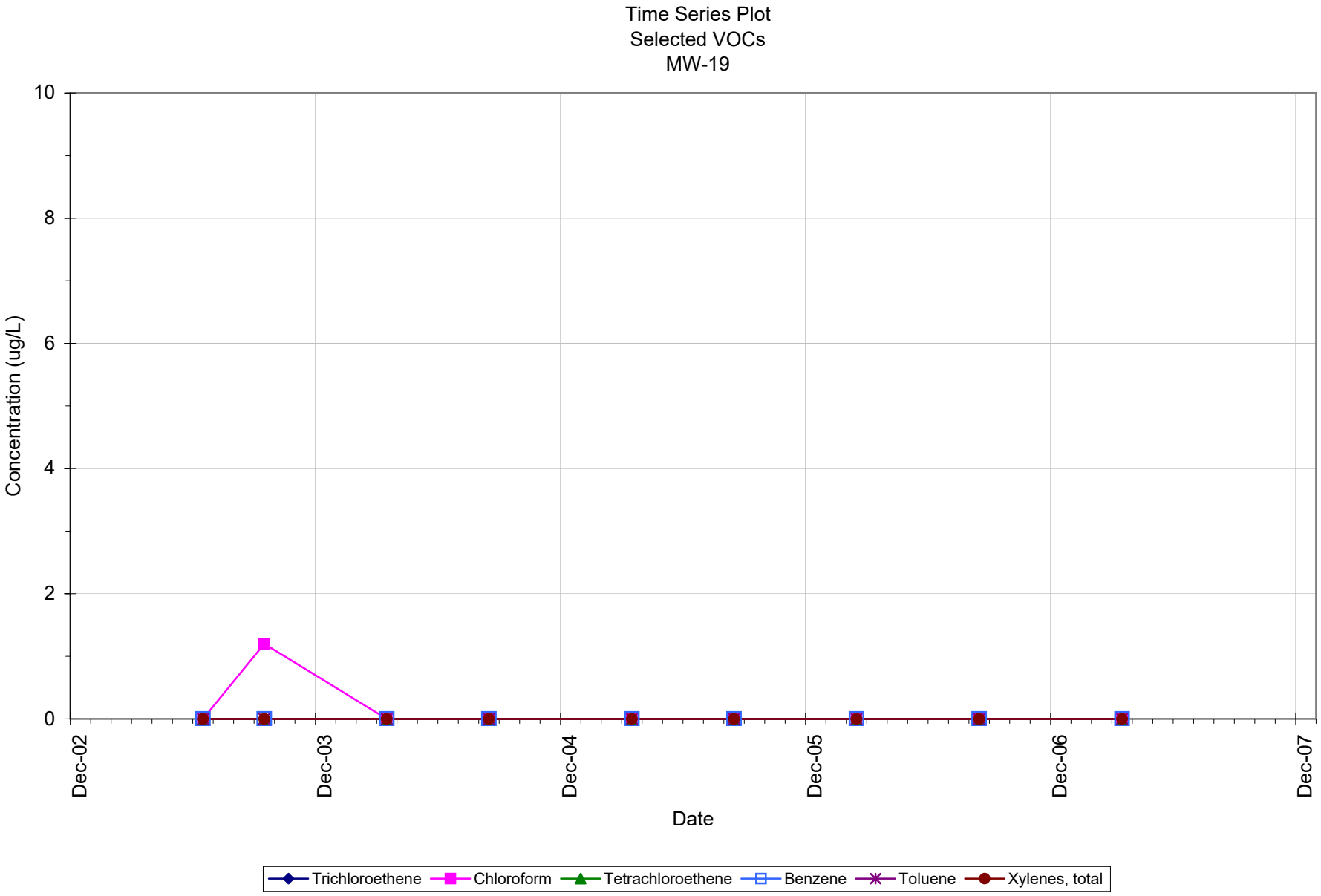

Time Series Plot
Selected VOCs
MW-14
Concentration (ug/L)
30
25
20
15
10
5
0
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
1,1-Dichloroethane
Tetrachloroethene
Chloroform
Total Xylenes

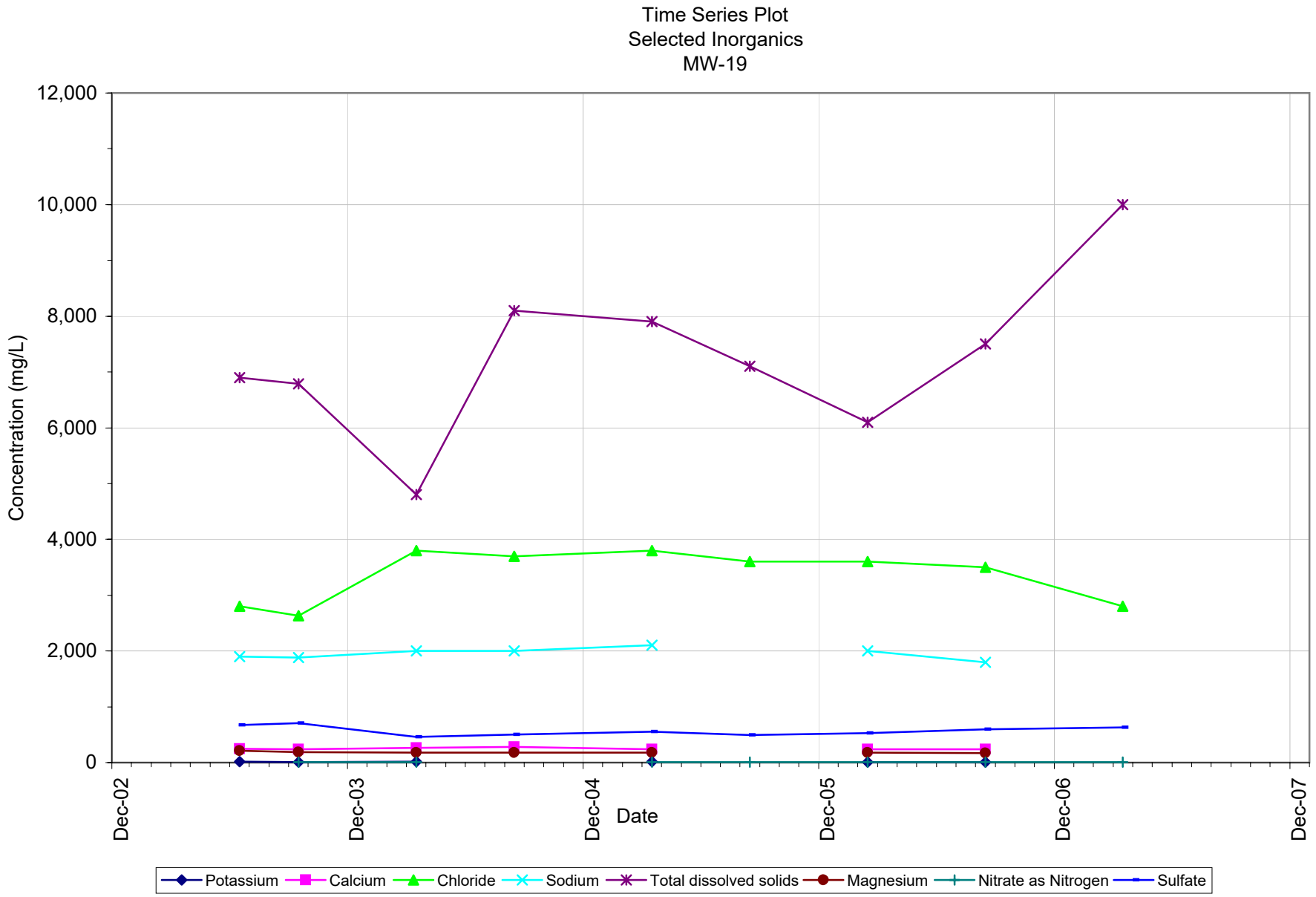

Time Series Plot
Selected Inorganics
MW-14
40,000
30,000
20,000
10,000
0
Concentration (mg/L)
Date
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Chloride
Sulfate
Sodium
Total dissolved solids
Calcium
Magnesium
Potassium
Nitrate as Nitrogen

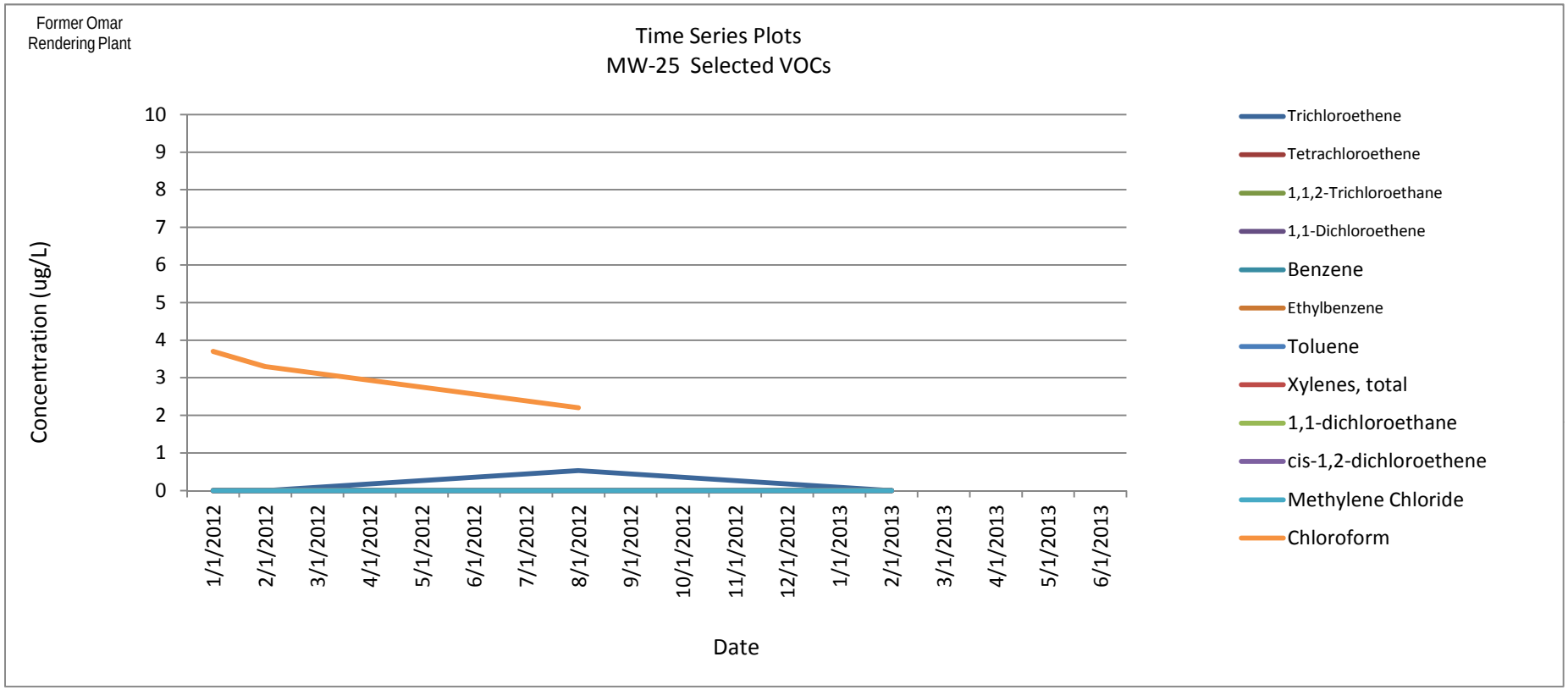

Time Series Plot
Selected Inorganics
MW-15A
Concentration (mg/L)
2,000
1,500
1,000
500
0
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Nitrate as Nitrogen
Sulfate
Calcium
Magnesium
Chloride
Sodium
Total dissolved solids


Time Series Plot
Selected Inorganics
MW-15B
Concentration (mg/L)
10,000
8,000
6,000
4,000
2,000
0
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Chloride
Sulfate
Sodium
Total dissolved solids
Calcium

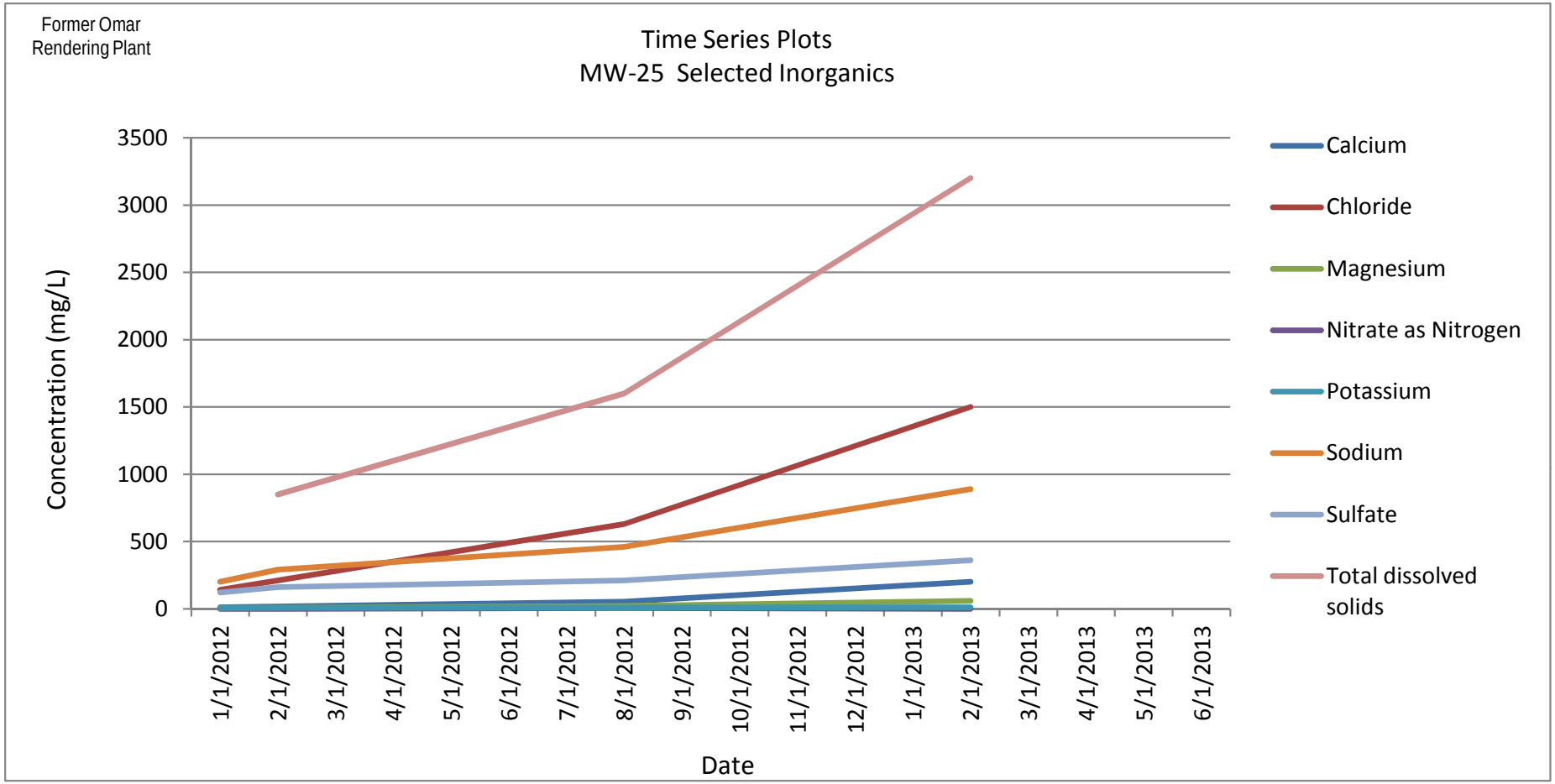

Time Series Plot
Selected Inorganics
MW-15B
Concentration (mg/L)
100
80
60
40
20
0
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Potassium
Magnesium
Nitrate as Nitrogen

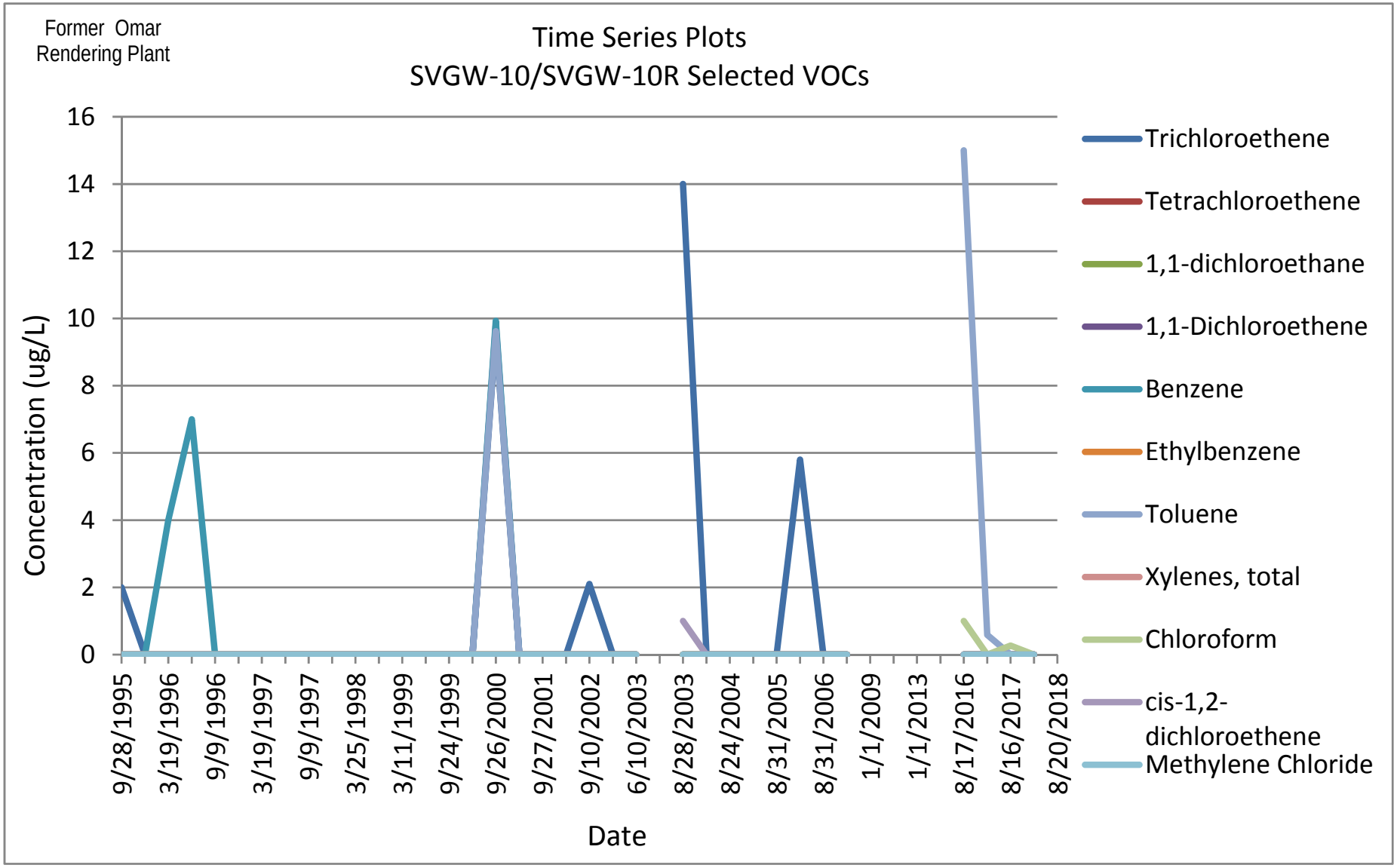

Time Series Plot
Selected VOCs
MW-19
Concentration (ug/L)
10
8
6
4
2
0
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Trichloroethene
Chloroform
Tetrachloroethene
Benzene
Toluene
Xylenes, total

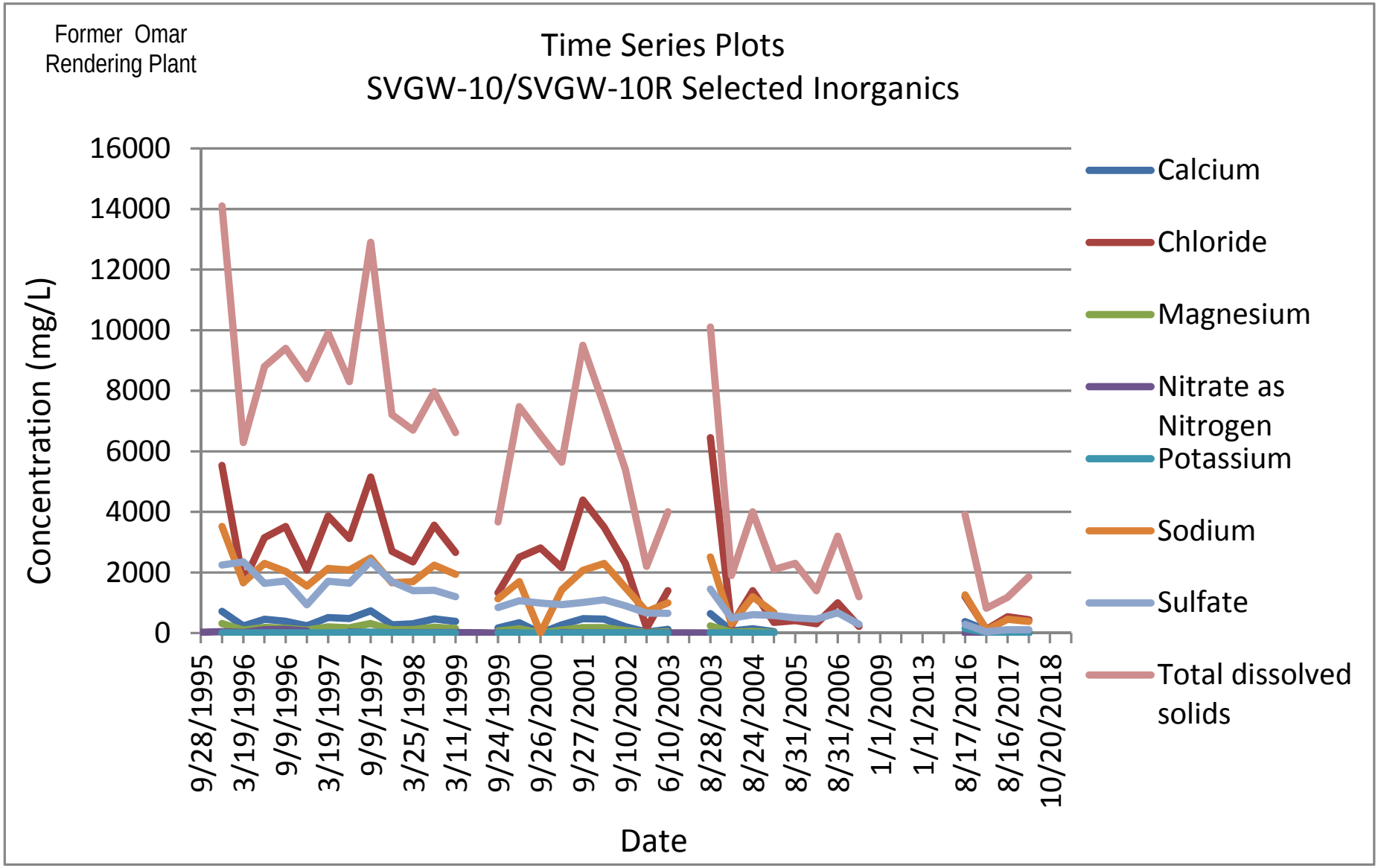

Time Series Plot
Selected Inorganics
MW-19
12,000
10,000
8,000
6,000
4,000
2,000
0
Concentration (mg/L)
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Date
Potassium
Calcium
Chloride
Sodium
Total dissolved solids
Magnesium
Nitrate as Nitrogen
Sulfate

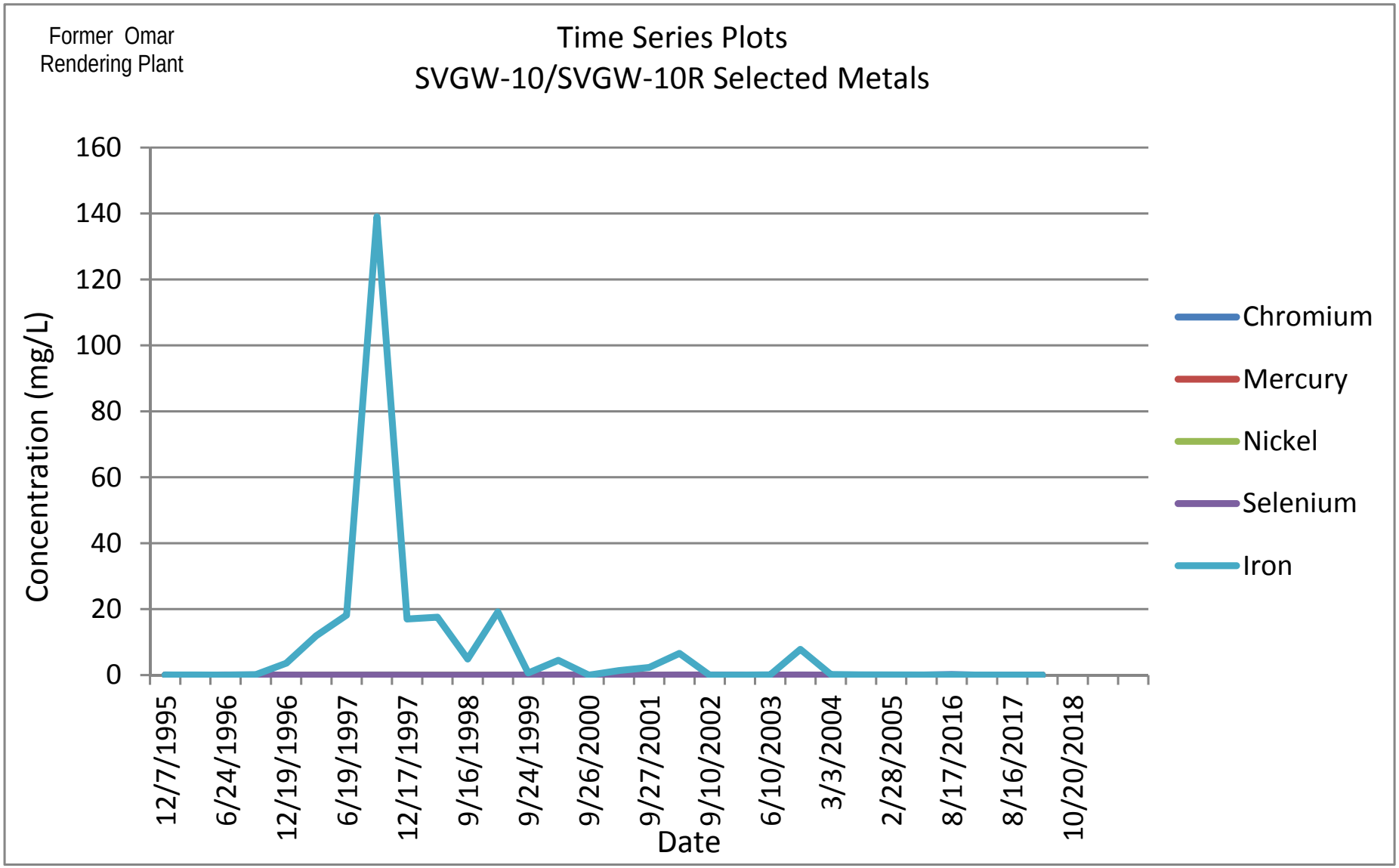

Former Omar
Rendering Plant
Time Series Plots
MW-25 Selected VOCs
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
1/1/2012
2/1/2012
3/1/2012
4/1/2012
5/1/2012
6/1/2012
7/1/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
2/1/2013
3/1/2013
4/1/2013
5/1/2013
6/1/2013
Date
Trichloroethene
Tetrachloroethene
1,1,2-Trichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
1,1-dichloroethane
cis-1,2-dichloroethene
Methylene Chloride
Chloroform

Former Omar
Rendering Plant

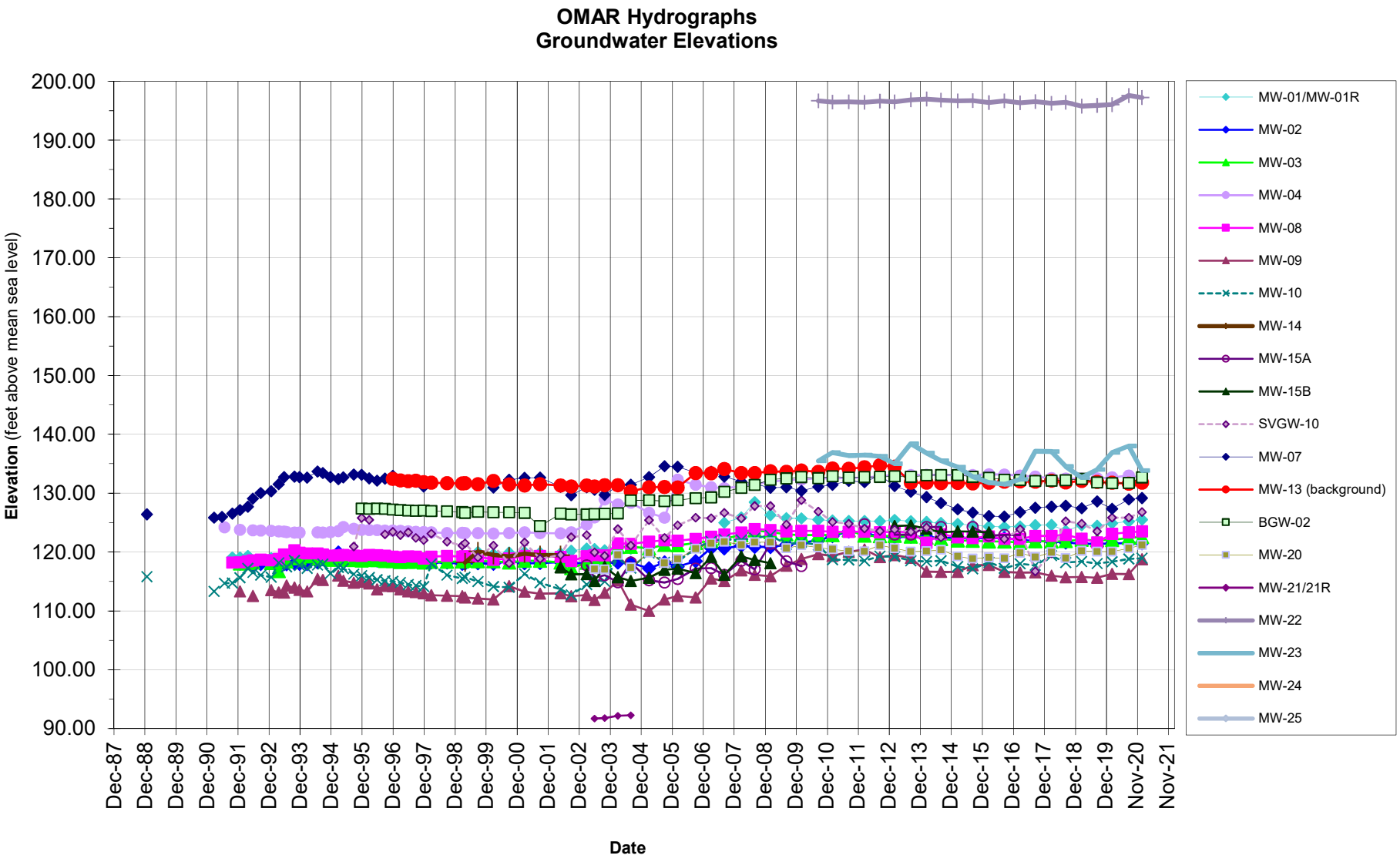


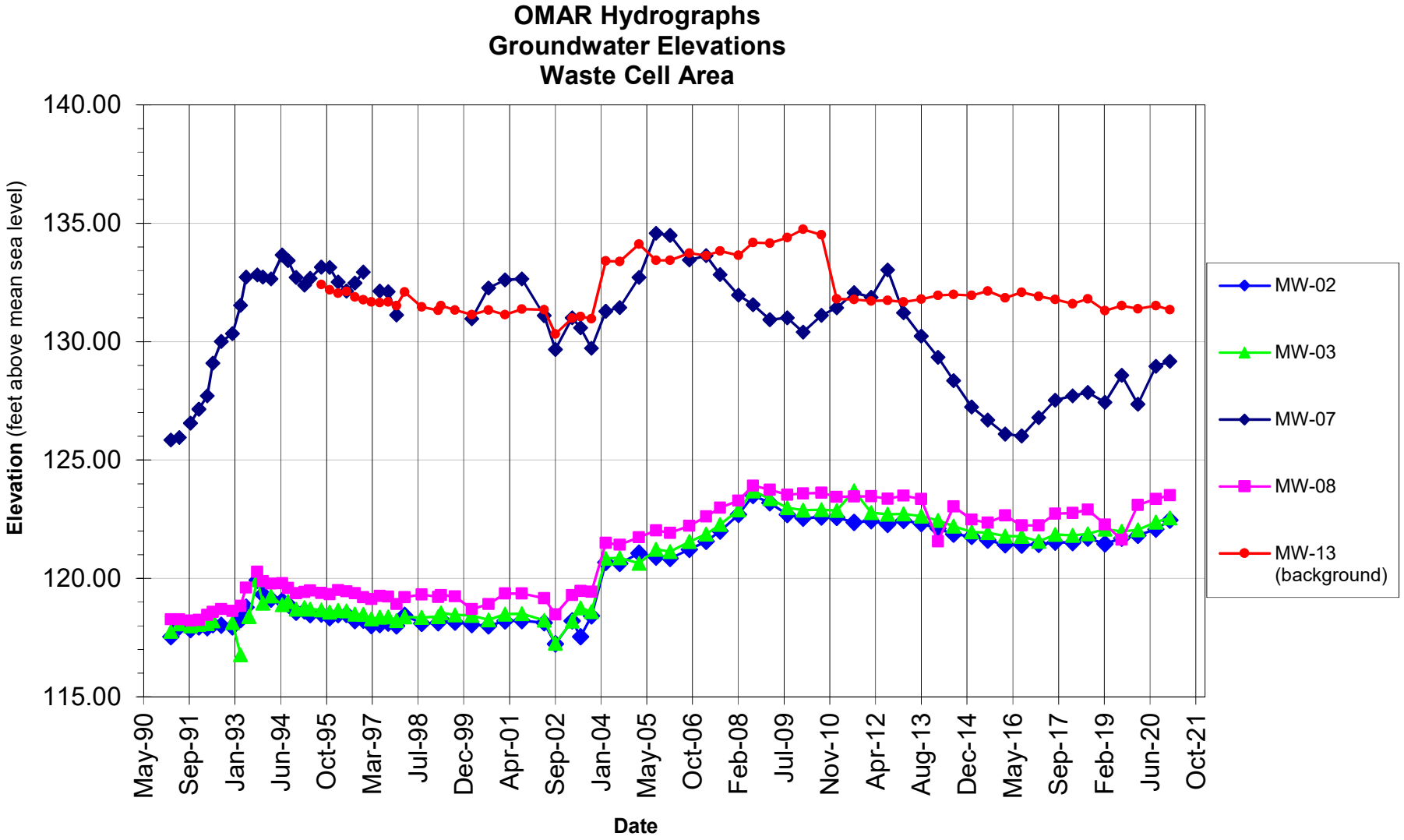

Former Omar
Rendering Plant
Time Series Plots
SVGW-10/SVGW-10R Selected VOCs
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
9/28/1995
3/19/1996
9/9/1996
3/19/1997
9/9/1997
3/25/1998
3/11/1999
9/24/1999
9/26/2000
9/27/2001
9/10/2002
6/10/2003
8/28/2003
8/24/2004
8/31/2005
8/31/2006
1/1/2009
1/1/2013
8/17/2016
8/16/2017
8/20/2018
Date
Trichloroethene
Tetrachloroethene
1,1-dichloroethane
1,1-Dichloroethene
Benzene
Ethylbenzene
Toluene
Xylenes, total
Chloroform
cis-1,2-dichloroethene
Methylene Chloride

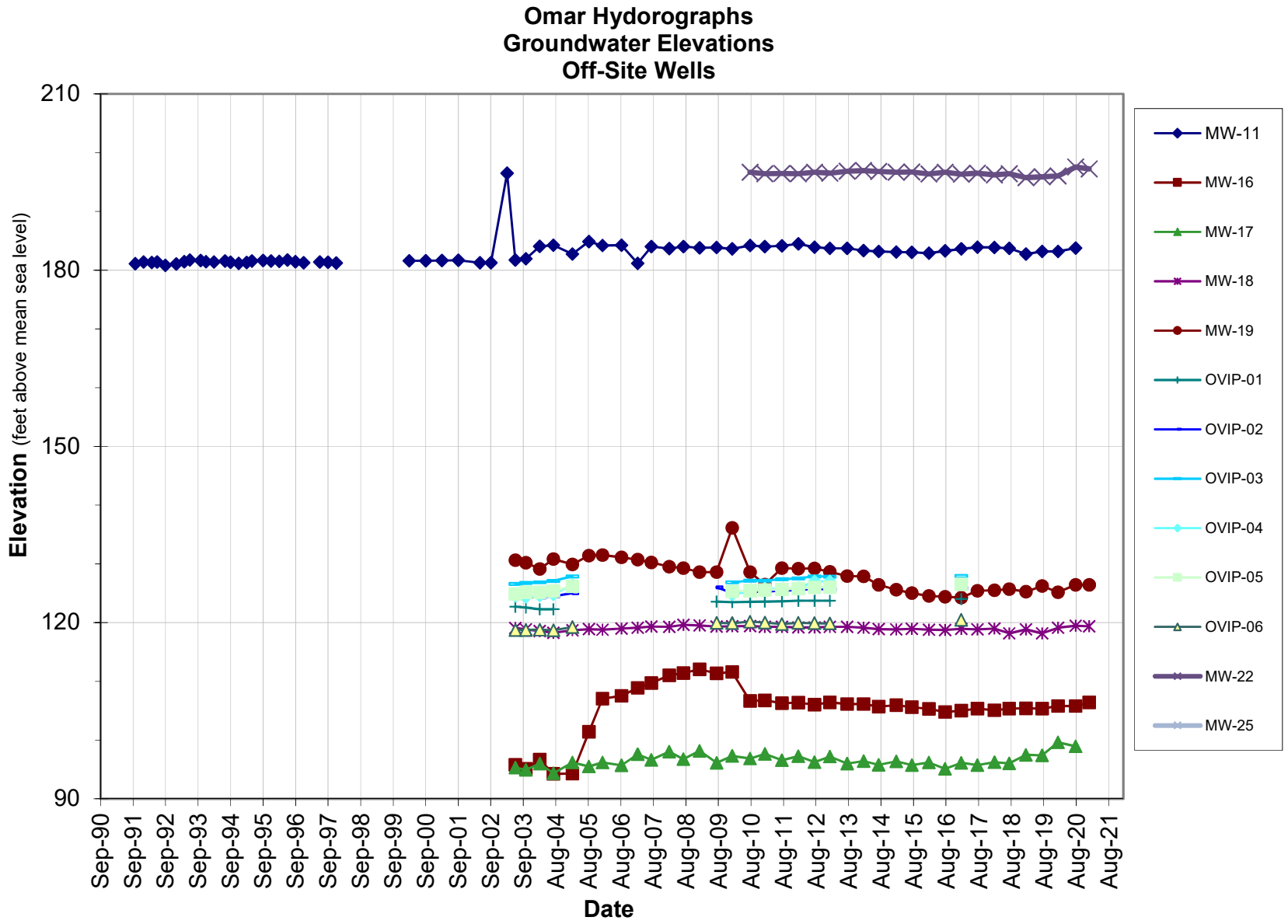

Former Omar Rendering Plant
Time Series Plots
SVGW-10/SVGW-10R Selected Inorganics
Concentration (mg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
9/28/1995
3/19/1996
9/9/1996
3/19/1997
9/9/1997
3/25/1998
3/11/1999
9/24/1999
9/26/2000
9/27/2001
9/10/2002
6/10/2003
8/28/2003
8/24/2004
8/31/2005
8/31/2006
1/1/2009
1/1/2013
8/17/2016
8/16/2017
10/20/2018
Date
Calcium
Chloride
Magnesium
Nitrate as Nitrogen
Potassium
Sodium
Sulfate
Total dissolved solids

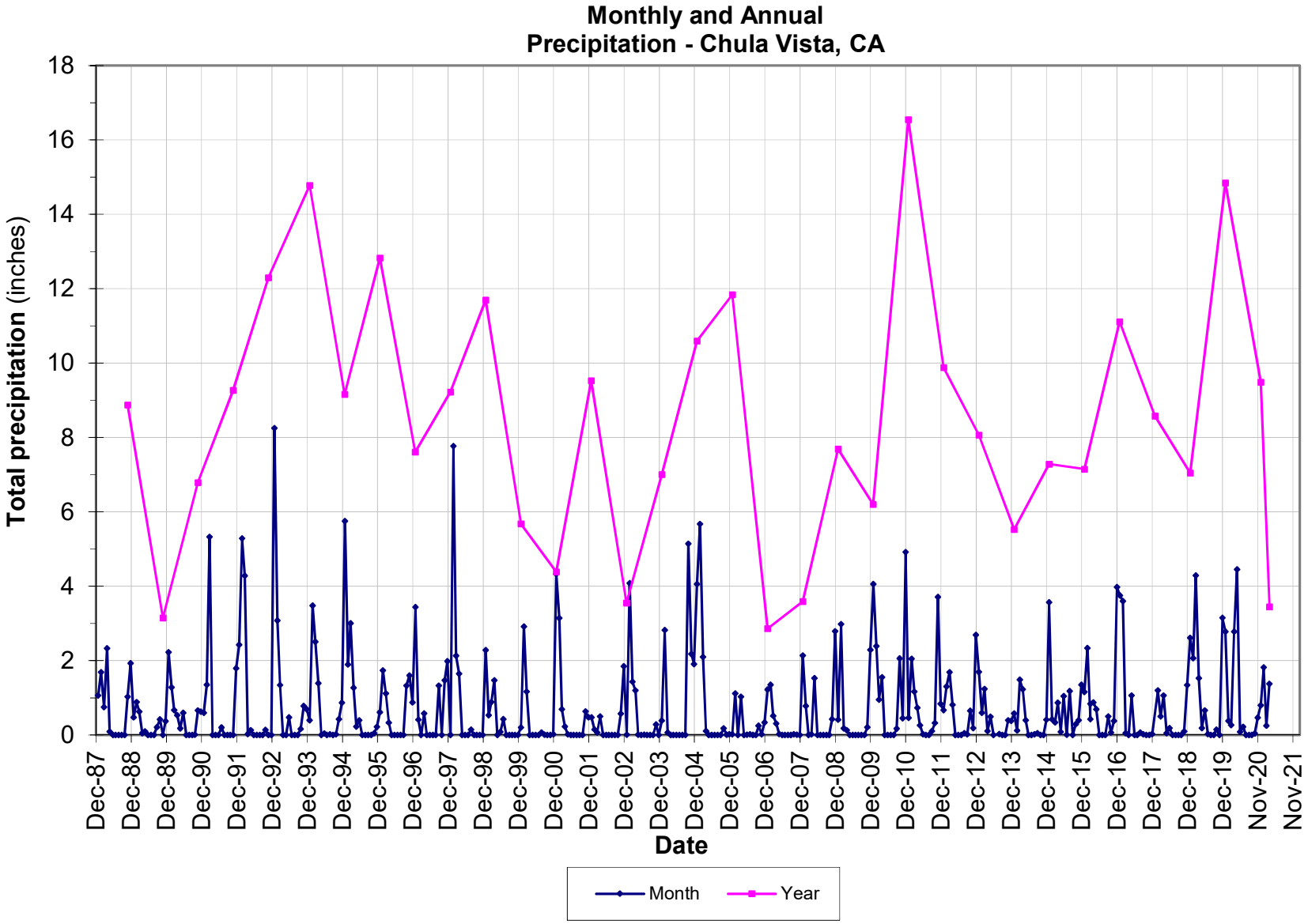

Former Omar
Rendering Plant
Time Series Plots
SVGW-10/SVGW-10R Selected Metals
Concentration (mg/L)
160
140
120
100
80
60
40
20
0
12/7/1995
6/24/1996
12/19/1996
6/19/1997
12/17/1997
9/16/1998
9/24/1999
9/26/2000
9/27/2001
9/10/2002
6/10/2003
3/3/2004
2/28/2005
8/17/2016
8/16/2017
10/20/2018
Date
Chromium
Mercury
Nickel
Selenium
Iron

Appendix B
Hydrographs


OMAR Hydrographs
Groundwater Elevations
Elevation (feet above mean sea level)
200.00
190.00
180.00
170.00
160.00
150.00
140.00
130.00
120.00
110.00
100.00
90.00
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
Dec-09
Dec-10
Dec-11
Dec-12
Dec-13
Dec-14
Dec-15
Dec-16
Dec-17
Dec-18
Dec-19
Nov-20
Nov-21
Date
MW-01/MW-01R
MW-02
MW-03
MW-04
MW-08
MW-09
MW-10
MW-14
MW-15A
MW-15B
SVGW-10
MW-07
MW-13 (background)
BGW-02
MW-20
MW-21/21R
MW-22
MW-23
MW-24
MW-25


OMAR Hydrographs
Groundwater Elevations
Waste Cell Area
Elevation (feet above mean sea level)
140.00
135.00
130.00
125.00
120.00
115.00
May-90
Sep-91
Jan-93
Jun-94
Oct-95
Mar-97
Jul-98
Dec-99
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
May-16
Sep-17
Feb-19
Jun-20
Oct-21
Date
MW-02
MW-03
MW-07
MW-08
MW-13
(background)


Omar Hydorographs
Groundwater Elevations
Off-Site Wells
Elevation (feet above mean sea level)
210
180
150
120
90
Sep-90
Sep-91
Sep-92
Sep-93
Sep-94
Sep-95
Sep-96
Sep-97
Sep-98
Sep-99
Sep-00
Sep-01
Sep-02
Sep-03
Aug-04
Aug-05
Aug-06
Aug-07
Aug-08
Aug-09
Aug-10
Aug-11
Aug-12
Aug-13
Aug-14
Aug-15
Aug-16
Aug-17
Aug-18
Aug-19
Aug-20
Aug-21
Date
MW-11
MW-16
MW-17
MW-18
MW-19
OVIP-01
OVIP-02
OVIP-03
OVIP-04
OVIP-05
OVIP-06
MW-22
MW-25


Monthly and Annual
Precipitation - Chula Vista, CA
Total precipitation (inches)
18
16
14
12
10
8
6
4
2
0
Dec-87
Dec-88
Dec-89
Dec-90
Dec-91
Dec-92
Dec-93
Dec-94
Dec-95
Dec-96
Dec-97
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
Dec-09
Dec-10
Dec-11
Dec-12
Dec-13
Dec-14
Dec-15
Dec-16
Dec-17
Dec-18
Dec-19
Nov-20
Nov-21
Date
Month
Year

Appendix C
Groundwater Sample Collection Logs

Fall 2020

Former OMAR Rendering Site 3Q20
Auto Park Place at Auto Park Drive
CHULA VISTA, CA 91911

WELL I.D. PROGRAM WELLS	CASING DIAM.	Depth to Bottom (ft. bgs)	Depth to Water (ft. bgs)	Previous DTW (ft. bgs)	Level DATE	Level TIME	Sample DATE	Sample TIME	Well Lock IN PLACE?	NOTES:
MW-02	4"	46.9	37.18	37.45	20200811	1230	20200811	1254	N	**(needs lock)**
MW-03	4"	59.5	36.75	36.92	20200811	1340	20200811	1405	N	**(needs lock)**
MW-08	4"	95.0	34.64	34.89	20200811	1005	20200811	1033	Y	
MW-13	2"	88.2	73.25	73.38	20200811	0748	20200811	0807	Y	
BGW-02	4"	68.0	60.95	61.87	20200811	1018	--	--	Y	**GAUGE ONLY**
MW-01R	2"	22.5	19.90	20.21	20200811	0946	--	--	Y	**GAUGE ONLY**
MW-04	4"	41.1	28.58	28.91	20200811	0951	--	--	Y	**GAUGE ONLY**
MW-07	4"	51.2	33.40	35.01	20200811	1006	--	--	Y	**GAUGE ONLY**
MW-09	4"	79.2	19.94	20.13	20200811	0932	--	--	Y	**GAUGE ONLY**
MW-10	4"	30.5	18.04	18.54	20200811	0936	--	--	Y	**GAUGE ONLY**
MW-11	4" with 2" inside	86.3	73.05	73.62	20200811	0740	--	--	Y	**GAUGE ONLY**
SVGW-10R	4"	34.0	18.08	18.07	20200811	0956	--	--	N	**GAUGE ONLY (needs lock)**
MW-20	4"	38.6	18.34	18.11	20200811	0930	20200812	1026	Y	
MW-21R	4"	149.8	92.92	93.48	20200811	1030	20200812	0918	Y	
MW-22	4"	116.3	97.14	98.62	20200811	0730	20200811	1220	Y	
MW-23	4"	66.1	59.15	60.13	20200811	1045	20200812	0900	Y	
MW-24	4"	88.9	72.45	72.84	20200811	1106	20200811	1421	Y	3.31' of casing removed 1Q19
SOUTHERN OFF-SITE PROPERTY WELLS										
MW-16	4"	58.1	23.48	23.46	20200811	0907	20200812	1040	Y	
MW-17	4"	32.4	5.29	4.62	20200811	0916	20200812	1153	Y	
MW-18	4"	64.5	40.89	41.50	20200811	0746	20200811	1324	Y	
MW-19	4"	73.6	60.16	61.41	20200811	0753	--	--	Y	**GAUGE ONLY**
OVIPMW-01	4"	59.8	--		--	--	--	--	N	**NO ACTION**
OVIPMW-02	4"	51.1	--		--	--	--	--	Y	**NO ACTION**
OVIPMW-03	4"	52.8	--		--	--	--	--	N	**NO ACTION**
OVIPMW-04	4"	50.2	--		--	--	--	--	N	**NO ACTION**
OVIPMW-05	4"	48.0	--		--	--	--	--	N	**NO ACTION**
OVIPMW-06	4"	59.7	--		--	--	--	--	Y	**NO ACTION**

WATER LEVELS MEASURED BY: DLS, NAH

WATER SAMPLES COLLECTED BY: DLS, NAH

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: DLS

Chain-of-Custody Control No.:

Well ID: MW-02 Sample ID: MW-02

Date Collected: 8-11-2020 Time: 1254

QC/Duplicate Sample Type: NONE ID: —

EQUIPMENT

Purging Method/Equipment: LOW FLOW

Sampling Equipment/ID No.: QED T300

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

pH/Conductivity Meter No: 596128

Water Level Meter ID: 35516

Daily field instrument calibration verification performed? YES

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 37.18

Depth to Well Bottom (ft) 46.9

Screen Interval (ft): 36-46

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 37.48

Approximate depth of pump inlet (ft): 42

PID Reading: 0.0

CO_2: >200 mg/L

Ferrous Iron: 0 mg/L

FIELD CONDITIONS

Weather Conditions: CLEAR

Ambient Air Temp. (°F): 83

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1239	0	50	37.42	20262	31.70	6.87	81.84	141.0	3.98
1244	5	50	37.39	20576	31.15	6.86	64.90	103.0	2.52
1248	9	50	37.40	20,682	32.00	6.86	103.61	101.5	2.58
1251	12	50	37.40	20,707	32.04	6.86	105.21	101.5	2.59
1254	15	50	37.40	20,720	32.62	6.87	100.5	103.6	2.45
1254	SAMPLING INITIATED								

Total Volume Purged (liters) 0.725

End Purge Time (min.): 15

SAMPLE PACKAGING				
Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions
1 L Poly	1	N	NONE	SM2540C TDS
250 POLY	1	Y	HNO_3	CATIONS 6010 B
1L AMBER	1	N	NONE	SVOCS

NOTES:

SHORT YELLOW MON. EXT. ID GOOD LOCK CUT.

↳ NEW LOCK, PROVIDED KEYS WOULD NOT OPEN.

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: DLS

Chain-of-Custody Control No.:

Well ID: MW-03 Sample ID: MW-03 MS/MSD

Date Collected: 8/11/2020 Time: 1405

QC/Duplicate Sample Type: MS/MSD ID: —

EQUIPMENT

Purging Method/Equipment: Low Flow

Sampling Equipment/ID No.: QED T1300

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

pH/Conductivity Meter No: 596128

Water Level Meter ID: 35510

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 36.75

Depth to Well Bottom (ft) 59.5

Screen Interval (ft): 49-59

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 37.05

Approximate depth of pump inlet (ft): 56

PID Reading: 0.0

CO_2: >200 mg/L

Ferrous Iron: 0.0 mg/L

FIELD CONDITIONS

Weather Conditions: CLEAR

Ambient Air Temp. (°F): 81

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL = 37.05	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1350	0	50	37.02	13,445	30.61	7.03	121.0	172.1	2.58
1355	5	50	37.19	12,950	30.21	7.01	145.0	134.0	2.16
1359	9	50	37.34	12,850	30.23	7.01	137.2	122.6	1.39
1402	12	50	37.40	12846	30.19	7.01	141.0	116.1	1.24
1405	15	50	37.45	12830	30.11	7.01	136.0	115.3	1.21
1405	SAMPLING INITIATED								

Total Volume Purged (liters): 0.8

End Purge Time (min.): 15

SAMPLE PACKAGING

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	3 6	N	HCl	8260B VOC + Oxygenates
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions
1 L Poly	1	N	NONE	SM2540C TDS
250 POLY	1 DS	Y	HNO_3	CATIONS 6010 B
1L AMBER	X3	N	NONE	SVOCs

NOTES:

MS/MSD TAKEN

SHORT YELLOW MON EXT IDFAIR

LOCK CUT, PROVIDED KEYS DID NOT OPEN.

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: DLS

Chain-of-Custody Control No.:

Well ID: MW-08 Sample ID: MW-08

Date Collected: 8-11-2020 Time: 1033

QC/Duplicate Sample Type: NONE ID: —

EQUIPMENT

Purging Method/Equipment: LOW FLOW

Sampling Equipment/ID No.: QED T1300

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

pH/Conductivity Meter No: 596128

Water Level Meter ID: 35510

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 34.64

Depth to Well Bottom (ft) 95.0

Screen Interval (ft): 85-95

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 34.94

Approximate depth of pump inlet (ft): 90'

PID Reading: 0.0

CO_2: 7200 mg/L

Ferrous Iron: 0.0 mg/L

FIELD CONDITIONS

Weather Conditions: CLEAR

Ambient Air Temp. (°F): 83

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL = 34.94	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1012	0	50	35.01	9937	25.27	6.97	56.07	207.6	3.59
1017	5	50	35.20	9034	25.94	7.11	47.26	204.0	1.63
1021	9	50	35.40	9029.8	26.27	7.10	37.34	203.1	1.09
1024	12	50	35.60	9022.1	26.41	7.12	25.64	202.5	0.99
1027	15	50	35.58	9096.7	26.57	7.11	20.21	202.4	0.94
1030	18	50	35.53	9028.1	26.67	7.10	19.59	202.5	0.89
1033	21	50	35.50	9024.1	26.66	7.10	18.40	202.6	0.89
1033	SAMPLING INITIATED								

Total Volume Purged (liters): 1.1

End Purge Time (min.): ~~1033~~ 21

SAMPLE PACKAGING				
Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions
1 L Poly	1	N	NONE	SM2540C TDS
250 POLY	1	Y	HNO_3	CATIONS 6010 B
1 L AMBER	1	N	NONE	SVOCs

NOTES:

SHORT YELLOW MON. BEHIND FENCE FURTHEST WEST IN CLUSTER

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: DLS

Chain-of-Custody Control No.:

Well ID: MW-13 Sample ID: MW-13

Date Collected: 8-11-2020 Time: 0807

QC/Duplicate Sample Type: — ID: PROGRAM WELL DUP

EQUIPMENT

Purging Method/Equipment: LOW FLOW

Sampling Equipment/ID No.: QED T1300

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

pH/Conductivity Meter No: 516128

Water Level Meter ID: 35510

Daily field instrument calibration verification performed? ✓

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 2

Depth to Water - Initial (DTWi) (ft) 73.24

Depth to Well Bottom (ft) 88.2

Screen Interval (ft): 62-82

*DDL EXCEEDED

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 73.54

Approximate depth of pump inlet (ft): 78'

PID Reading: 0.0

Ferrous Iron: 0 MG/L

CO_2: >200 MG/L

FIELD CONDITIONS

Weather Conditions: OVERCAST

Ambient Air Temp. (°F): 66

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL = 73.54	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
0752	0	50	73.52	15939	22.26	6.52	1.91	263.4	6.13
0757	5	50	73.59	15801	22.16	6.50	2.63	250.6	5.47
0801	9	50	73.58	15861	22.16	6.50	1.56	247.4	5.68
0804	12	50	73.57	15834	22.19	6.51	3.22	246.4	5.44
0807	15	50	73.55	15857	22.23	6.51	2.94	244.6	4.97
0807	SAMPLING INITIATED								

Total Volume Purged (liters): 0.8

End Purge Time (min.): 15

SAMPLE PACKAGING

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions
1 L Poly	1	N	NONE	SM2540C TDS
250 ml Poly	1	Y	HNO3	6010B/7470A Metals
1 L Amber	1	N	NONE	8270C SVOCs

NOTES:

WHITE MON.

DISMANTLE FENCE TO ACCESS

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: BBC Env.

Chain-of-Custody Control No.:

Well ID: MW-16 Sample ID: MW-16

Date Collected: Non Program Day Time: —

QC/Duplicate Sample Type: 20200812 ID: 1040

EQUIPMENT

Purging Method/Equipment: Low flow

Sampling Equipment/ID No.: T1300 QED

Flow Rate During Purging: 100 ml/min.

Flow Rate During Sampling: 100 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

pH/Conductivity Meter No: 685758

Water Level Meter ID: 21522

Daily field instrument calibration verification performed?

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 23.48

Depth to Well Bottom (ft) 58.1

Screen Interval (ft): 38-58

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 23.78

Approximate depth of pump inlet (ft): 55'

PID Reading: 0.0

Ferrous Iron: 0.0

FIELD CONDITIONS

Weather Conditions: sunny

CO_2: >200 mg/L

Ambient Air Temp. (°F): 80

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	–	–	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1025	0	100	23.54	18097	24.59	6.53	2.08	203.6	0.61
1030	5	100	23.57	18036	24.74	6.52	1.94	203.8	0.41
1034	9	100	23.60	18047	24.78	6.52	1.99	203.9	0.44
1037	12	100	23.63	18017	24.71	6.52	1.98	204.0	0.44
1040	15	100	23.66	17930	24.61	6.51	1.99	204.5	0.45
1040	purge	complete							

Total Volume Purged (liters): 1.5

End Purge Time (min.): 15

SAMPLE PACKAGING

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	6	N	HCl	8260B VOC + Oxygenates
250 ml Poly	4	N	NONE	SM2320B Alk; 300.0 Anions
1 L Poly	2	N	NONE	SM2540C TDS
250 poly	2	Y	HNO_3	CATIONS 6010 B

NOTES:

EMCO, 2 of 2, good

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: DLS

Chain-of-Custody Control No.:

Well ID: MW-17 Sample ID: MW-17

Date Collected: 8-12-2020 Time: 1153

QC/Duplicate Sample Type: — ID: —

EQUIPMENT

Purging Method/Equipment: LOW FLOW ~~FT300~~ DS

Sampling Equipment/ID No.: QED ~~FT30~~ DS TUBE

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

pH/Conductivity Meter No: 596128

Water Level Meter ID: 35516

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 5.28

Depth to Well Bottom (ft) 32.4

Screen Interval (ft): 10-30

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 5.58

Approximate depth of pump inlet (ft): 20'

PID Reading: 0.0

Ferrous Iron: 0.0 mg/L

CO_2: ~~0.0~~ >200 mg/L

FIELD CONDITIONS

Weather Conditions: CLEAR

Ambient Air Temp. (°F): NW

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1135	0	75	~~6473~~	6473	25.21	6.98	3.85	196.1	1.25
1140	5	75	5.34	6485.9	24.93	6.97	10.06	191.0	0.48
1144	9	75	5.39	6495.1	25.20	6.96	16.95	188.5	0.34
1147	12	75	5.47	6513.9	25.49	6.96	11.64	188.0	0.37
1150	15	50	5.49	6457.3	25.48	6.95	12.4	187.2	0.34
1153	18	50	5.52	6477.9	25.49	6.95	11.99	186.1	0.31
1153	SAMPLING INITIATED								

Total Volume Purged (liters): 1.5 End Purge Time (min.): 18

SAMPLE PACKAGING					NOTES:
Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters	Monument, no J-plug Lock
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates	
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions	
1 L Poly	1	N	NONE	SM2540C TDS	
250 POLY	1	Y	HNO_3	CATIONS 6010B	

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by:

Chain-of-Custody Control No.:

Well ID: MW-18 Sample ID: MW-18

Date Collected: 20200814 Time: 1324

QC/Duplicate Sample Type: — ID: —

EQUIPMENT

Purging Method/Equipment: Low flow

Sampling Equipment/ID No.: T1300 QED

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

pH/Conductivity Meter No: 685758

Water Level Meter ID: 21522

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 40.85

Depth to Well Bottom (ft) 64.5

Screen Interval (ft): 45-65

* DDL exceeded

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 41.15

Approximate depth of pump inlet (ft): 62

PID Reading: ~~0.0~~ ~ 0.2

Ferrous Iron: 0.0

CO_2 : >200 mg/L

FIELD CONDITIONS

Weather Conditions: Sunny

Ambient Air Temp. (°F): 80

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (mS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1303	0	50	40.96	28000	25.57	6.72	7.22	238.8	0.65
1308	5	↑	41.06	28053	25.65	6.71	5.43	238.0	0.66
1312	9		41.09	28003	25.77	6.72	4.51	237.6	0.65
1315	12		41.14	27994	26.33	6.70	4.56	236.4	0.66
1318	15		41.20	28016	26.80	6.72	3.91	236.2	0.66
1321	18	↓	41.24	28057	26.85	6.69	3.87	235.8	0.66
1324	21	50	41.27	28092	26.90	6.69	3.91	235.6	0.66
1324	purge	complete							

Total Volume Purged (liters): 1.0 End Purge Time (min.): 21

SAMPLE PACKAGING					NOTES:
Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters	EMCO, 2 of 2, good
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates	
250 ml Poly	2	N	none	SM2320B Alk; 300.0 Anions	
1 L Poly	1	N	none	SM2540C TDS	
250 ml Poly	1	Y	none	6010B	

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: DLS

Chain-of-Custody Control No.:

Well ID: MW-20 Sample ID: MW-20

Date Collected: 8/12/2026 Time: 1026

QC/Duplicate Sample Type: — ID: —

EQUIPMENT

Purging Method/Equipment: LOW FLOW

Sampling Equipment/ID No.: TB00 QED

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

pH/Conductivity Meter No: SAG128

Water Level Meter ID: 35510

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 18.35

Depth to Well Bottom (ft) 38.6

Screen Interval (ft): 15-35

* DDL EXCEEDED

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): ~~18.85~~ 18.65

Approximate depth of pump inlet (ft): 25

PID Reading: 0.0

CO_2: 3200 ppm

Ferrous Iron: 0.0 mg/L

FIELD CONDITIONS

Weather Conditions: CLEAR

Ambient Air Temp. (°F): 78°F

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1008	0	50	18.53	19055	25.47	6.66	9.94	205.8	2.53
1013	5	50	18.71	19116	25.30	6.64	10.19	213.5	2.28
1017	9	50	18.79	19183	25.77	6.64	12.14	215.2	2.32
1020	12	50	18.81	19179	26.12	6.64	18.64	217.5	2.36
1023	15	50	18.83	19196	26.25	6.64	20.1	220.6	2.29
1026	18	50	18.86	19125	26.19	6.64	21.07	223.6	2.27
1026	SAMPLING INITIATED								

Total Volume Purged (liters): ~~0.45~~ DS 0.9 End Purge Time (min.): 18

SAMPLE PACKAGING					NOTES:
Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters	Monument, external lock good, no j-plug lock
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates	
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions	
1 L Poly	1	N	NONE	SM2540C TDS	
250 POLY	1	Y	HNO_3	CATIONS 6010 B	

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Well ID: MW-21R Sample ID: MW-21R

Sample Collected by: BBC Env.

Date Collected: 20200812 Time: 0918

Chain-of-Custody Control No.:

QC/Duplicate Sample Type: — ID: —

EQUIPMENT

Purging Method/Equipment: Low flow

Sampling Equipment/ID No.: T1300 QED

pH/Conductivity Meter No: 685758

Flow Rate During Purging: 50 ml/min.

Water Level Meter ID: 21522

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 93.63

Depth to Water - Initial (DTWi) (ft) 93.33

Approximate depth of pump inlet (ft): 145

Depth to Well Bottom (ft) 149.8

PID Reading: 0.0

Screen Interval (ft): 140-150

Ferrous Iron: 0.0

FIELD CONDITIONS

Weather Conditions: Sunny

CO_2: 7200 mg/L

Ambient Air Temp. (°F): 80

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	–	–	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, if >10 NTUs, then ±10 %	±10 mV	± 10%
0900	93.46	50	0	25397	25.44	6.25	3.14	252.1	1.55
0905	93.52	50	5	26798	25.35	6.23	3.54	251.0	0.85
0909	93.56	50	9	26853	25.40	6.25	2.55	248.9	0.65
0912	93.60	50	12	26719	25.59	6.24	2.95	246.9	0.54
0915	93.61	50	15	26823	25.37	6.24	2.14	245.2	0.53
0918	93.61	50	18	27026	25.49	6.24	3.48	243.8	0.53
0918	purge	complete							

Total Volume Purged (liters): 0.9

End Purge Time (min.): 18

SAMPLE PACKAGING

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions
1 L Poly	1	N	NONE	SM2540C TDS
250 poly	1	Y	HNO_3	CATIONS 6010 B

NOTES:

Effervescent sample. Monument external lock good. No J-plug lock.

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: BBC

Chain-of-Custody Control No.:

Well ID: MW-22 Sample ID: MW-22

Date Collected: 20200811 Time: 1220

QC/Duplicate Sample Type: — ID: —

EQUIPMENT

Purging Method/Equipment: Low flow

Sampling Equipment/ID No.: T1300 QED

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

pH/Conductivity Meter No: 685758

Water Level Meter ID: 21522

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 97.14

Depth to Well Bottom (ft) 116.3

Screen Interval (ft): 80-115

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 97.44

Approximate depth of pump inlet (ft): 105

PID Reading: 0.0

Ferrous Iron: 0.0

CO_2 >200mg/L

FIELD CONDITIONS

Weather Conditions: Sunny

Ambient Air Temp. (°F): 80

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (mS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1202	0	50	97.20	15795	26.10	6.68	2.81	264.0	0.94
1207	5	↑	97.26	15931	26.25	6.67	2.34	261.7	0.56
1211	9	|	97.30	15931	26.15	6.68	2.32	260.1	0.45
1214	12	|	97.31	15953	26.26	6.69	2.35	259.2	0.40
1217	15	↓	97.35	15949	26.00	6.68	2.38	257.2	0.39
1220	18	50	97.37	15898	25.93	6.68	2.40	256.1	0.39
1220	purge	complete							

Total Volume Purged (liters): .9 End Purge Time (min.): 18

SAMPLE PACKAGING					NOTES:
Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters	EMCO, 2 of 2, good
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates	
250 ml Poly	2	N	none	SM2320B Alk; 300.0 Anions	
1 L Poly	1	N	none	SM2540C TDS	
250 ml Poly	1	Y	HNO_3	6010B	

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Well ID: MW-23 Sample ID: MW-23

Sample Collected by: DLS

Date Collected: 8/12/2020 Time: 0900

Chain-of-Custody Control No.:

QC/Duplicate Sample Type: NONE ID: —

EQUIPMENT

Purging Method/Equipment: LOW FLOW

Sampling Equipment/ID No.: THOO [QED PUMP]

pH/Conductivity Meter No: S96128

Flow Rate During Purging : 50 ml/min.

Water Level Meter ID: 3590

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

PURGING INFORMATION

Measuring Point: Top of Casing

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 59.35

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 59.05

Approximate depth of pump inlet (ft): 65

Depth to Well Bottom (ft) 66.1

PID Reading: 0.0

Screen Interval (ft): 58-68

CO_2 : >200 mg/L

Ferrous Iron: 0.07 mg/L

FIELD CONDITIONS

Weather Conditions: CLEAR

Ambient Air Temp. (°F): 77

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	–	–	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
0845	0	50	59.14	13411	25.09	6.82	1.30	222.9	5.31
0850	5	50	59.22	13295	25.11	6.82	0.48	214.6	5.27
0854	9	50	59.31	13296	25.23	6.83	0.44	213.6	5.20
0857	12	50	59.33	13296	25.29	6.83	0.30	210.8	5.17
0900	15	50	59.35	13328	25.45	6.82	0.44	206.3	5.15
0900	SAMPLING INITIATED								

Total Volume Purged (liters): 3.75

End Purge Time (min.): 15

SAMPLE PACKAGING

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates
250 ml Poly	2	N	NONE	SM2320B Alk; 300.0 Anions
1 L Poly	1	N	NONE	SM2540C TDS
250 POLY	1	Y	HNO_3	CATIONS 6010 B

NOTES:

EMCO, 2 of 2, locks good

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project No.: **102405**

Project Name: **OMAR Former Rendering Site**

Site Location: Chula Vista, California

Sample Collected by: BBC

Chain-of-Custody Control No.:

Well ID: MW-24 Sample ID: MW-24

Date Collected: 20200811 Time: 1421

QC/Duplicate Sample Type: — ID: —

EQUIPMENT

Purging Method/Equipment: Low Flow

Sampling Equipment/ID No.: T1300 QED

Flow Rate During Purging : 50 ml/min.

Flow Rate During Sampling: 50 ml/min. (VOA)

Note: Flow rate for VOAs should be no greater than 100 ml/minute.

Daily field instrument calibration verification performed? ✓

pH/Conductivity Meter No: 685758

Water Level Meter ID: 21522

* DDL exceeded

PURGING INFORMATION

Measuring Point: Top of Casing

Casing ID (in.): 4

Depth to Water - Initial (DTWi) (ft) 72.46

Depth to Well Bottom (ft) 88.9

Screen Interval (ft): 69-89

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 72.76

Approximate depth of pump inlet (ft): 80

PID Reading: 0.0

Ferrous Iron: 0.0

CO_2: >200 mg/L

FIELD CONDITIONS

Weather Conditions: Sunny

Ambient Air Temp. (°F): 80

Time of Reading	Duration from Start	Purge Rate (ml/min)	Dynamic Depth to Water (Ft)	Cond. (µS/cm)	Temp. (°C)	pH	Turbidity (NTU)	ORP (mV)	DO (mg/L)
Purge Stabilization Criteria	--	--	DDL =	±10%	± 10%	±0.1 units	<10 NTUs, If >10 NTUs, then ±10 %	±10 mV	± 10%
1403	5	50	72.54	35733	30.10	6.63	6.89	229.9	3.44
1408	9	↑	72.63	36465	29.36	6.41	3.62	230.7	2.35
1412	12	|	72.70	36739	29.22	6.38	3.50	230.9	1.44
1415	15	|	72.74	36763	29.09	6.37	2.75	231.1	1.13
1418	18	|	72.80	36794	28.98	6.37	2.73	231.0	1.16
1421	21	↓ 50	72.81	36813	28.88	6.37	2.74	231.0	1.19
1421	purge	complete							

Total Volume Purged (liters): 1.0 End Purge Time (min.): 21

SAMPLE PACKAGING

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preserv-atives	Parameters
40 ml VOA vials	3	N	HCl	8260B VOC + Oxygenates
250 ml Poly	2	N	none	SM2320B Alk; 300.0 Anions
1 L Poly	1	N	none	SM2540C TDS
250ml Poly	1	Y	none	6010B

NOTES:

EMCO, 2 of 2, good

Spring 2021

Former OMAR Rendering Site 1Q21
Auto Park Place at Auto Park Drive
CHULA VISTA, CA 91911

WELL I.D. PROGRAM WELLS	CASING DIAM.	Depth to Bottom (ft. bgs)	Depth to Water (ft. bgs)	Previous DTW (ft. bgs)	Level DATE	Level TIME	Sample DATE	Sample TIME	Well Lock IN PLACE?	NOTES:
MW-02	4"	46.8	36.80	37.18	20210119	1300	20210119	1330	Y	
MW-03	4"	59.3	36.58	36.75	20210119	1415	20210119	1440	Y	
MW-08	4"	95.1	34.48	34.64	20210119	1140	20210119	1201	Y	
MW-13	2"	88.0	73.42	73.24	20210119	0920	20210119	0942	Y	
BGW-02	4"	68.0	61.32	60.95	20210119	1220	--	--	Y	**GAUGE ONLY,** lock removed
MW-01R	2"	22.5	19.60	19.90	20210119	1025	--	--	Y	**GAUGE ONLY**
MW-04	4"	41.1	28.35	28.58	20210119	1018	--	--	Y	**GAUGE ONLY**
MW-07	4"	51.2	33.19	33.40	20210119	1630	--	--	Y	**GAUGE ONLY**
MW-09	4"	79.2	19.18	19.94	20210119	1009	--	--	Y	**GAUGE ONLY**
MW-10	4"	30.3	17.91	18.04	20210119	1003	--	--	Y	**GAUGE ONLY**
MW-11	4" with 2" inside	---	---	73.05	20210119	---	--	--	Y	**GAUGE ONLY,** inaccessible
SVGW-10R	4"	34.1	17.10	18.08	20210119	1202	--	--	Y	**GAUGE ONLY**
MW-20	4"	38.5	17.70	18.34	20210119	0958	20210120	1346	Y	
MW-21R	4"	149.8	92.73	92.92	20210119	1213	20210120	1359	Y	
MW-22	4"	116.2	97.48	97.14	20210119	1338	20210119	1415	Y	
MW-23	4"	66.8	62.9	59.15	20210119	1229	20210120	1136	Y	
MW-24	4"	88.9	72.45	72.45	20210119	1242	20210120	1023	Y	3.31' of casing removed 1Q19
SOUTHERN OFF-SITE PROPERTY WELLS										
MW-16	4"	58.2	22.8	23.48	20210119	0937	20210120	1445	Y	
MW-17	4"	---	---	5.29	20210119	---	---	---	Y	inaccessible
MW-18	4"	64.8	40.44	40.89	20210119	1126	20210120	1916	Y	
MW-19	4"	74.0	60.15	60.16	20210119	1115	--	--	Y	**GAUGE ONLY**
OVIPMW-01	4"	59.8	--		--	--	--	--	N	**NO ACTION**
OVIPMW-02	4"	51.1	--		--	--	--	--	Y	**NO ACTION**
OVIPMW-03	4"	52.8	--		--	--	--	--	N	**NO ACTION**
OVIPMW-04	4"	50.2	--		--	--	--	--	N	**NO ACTION**
OVIPMW-05	4"	48.0	--		--	--	--	--	N	**NO ACTION**
OVIPMW-06	4"	59.7	--		--	--	--	--	Y	**NO ACTION**

WATER LEVELS MEASURED BY: DLS, NAH

WATER SAMPLES COLLECTED BY: DLS, NAH

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site | Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405 | **Well ID:** MW-02

Sample ID: MW-02 | Duplicate Sample ID: ~~20~~ MS

EQUIPMENT / NOTES | **Date / Time Collected:** 20210119 / 1330

Purging Method/Equipment: Micropurge | **Sample Collected by:** NAH

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* ~~1~~ 1.5" white top | *pH Meter #:* 502797

Flow Rate During Purging : ~~100~~ 50 | *Water Level Meter #:* BBC2

Flow Rate During Sampling : ~~150~~ 50

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓ | Drawdown depth limit (DDL) = DTWi + 0.3': 37.20

PURGING INFORMATION | Approximate depth of pump inlet (feet): ~~40~~ 41

Measuring Point : Top of Casing | PID Reading: 0.0

Casing size : 4" | Ferrous Iron: 0.0

Screened Interval : 36-46 | CO_2: 120 mg/L

Depth to Water - Initial (DTWi) (ft) 36.80 | Weather Conditions: sunny

Depth to Well Bottom (ft) 46.8 | Temperature: 70

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	~~--~~	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1303	100 50	36.81	9535.0	26.86	7.21	33.25	119.0	4.95
1308	100	36.81	21534	27.26	6.81	66.73	54.7	1.39
1312	100	36.81	21606	28.31	6.80	136.81	51.5	1.26
1315	100	36.81	21654	28.90	6.83	352.62	64.8	1.23
1318	100 50	36.81	21298	28.11	6.89	307.42	81.2	1.93
1321	50	36.83	21234	26.28	6.87	160.21	55.1	0.61
1324	50	36.83	21232	26.66	6.90	102.09	52.1	0.65
1327	50	36.83	21200	26.61	6.92	100.85	53.3	0.65
1330	50	36.83	21089	26.53	6.94	98.67	55.9	~~0.76~~ 0.67
1330	Purge Complete							

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
1L Amber	1	No	Ice	*EPA 8270C SVOCs*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals *Filtered**
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-03 MS/MSD

Sample ID: MW-03

Duplicate Sample ID:

EQUIPMENT / NOTES

Date / Time Collected: 20210119 @ 14:40

Purging Method/Equipment: Micropurge

Sample Collected by:

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5" white top

pH Meter #: 502797

Flow Rate During Purging : 100

Water Level Meter #: BBC2

Flow Rate During Sampling : 100

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 36.88

PURGING INFORMATION

Approximate depth of pump inlet (feet): 65

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : 4-inch diameter

Ferrous Iron: 0.0

Screened Interval : 49-59

CO_2 : 70 mg/L

Depth to Water - Initial (DTWi) (ft) 36.58

Weather Conditions: sunny

Depth to Well Bottom (ft) 59.3

Temperature: 80

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10%	± 10 mV	+ 10%
1423	100	36.66	13482	24.01	7.04	138.64	65.1	0.27
1428	↓	36.70	13468	24.02	7.05	117.46	54.6	0.22
1431	↓	36.73	13463	24.00	7.05	105.64	55.8	0.21
1434	↓	36.76	13455	23.98	7.06	94.82	94.0	0.20
1437	↓	36.80	13454	24.00	7.07	88.84	53.7	0.19
1440	100	36.81	13450	24.01	7.06	85.13	51.1	0.19
1440	Purge	Complete						

MS/MSD

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3 6	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
1L Amber	2 3	No	Ice	*EPA 8270C SVOCs*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals*
250 mL poly	1 2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

If the water level is above the top of the screen, the pump should be set at the approximate mid-point of the screen. If the water level is below the top of the screen, set the pump between the water level and the bottom of the screen. ** ***Note***: *If there is less than 1.5ft of water, the well should be bailed dry and sampled on recharge.*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site | Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405 | **Well ID:** MW-08

Sample ID: MW-08 | Duplicate Sample ID: Program Well Dup

EQUIPMENT / NOTES | **Date / Time Collected:** 20210119 @ 12:01 ~~1206~~

Purging Method/Equipment: Micropurge | **Sample Collected by:** NAIA

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5" 3/8" white top | *pH Meter #:* 502797

Flow Rate During Purging : ~100 | *Water Level Meter #:* BBC2

Flow Rate During Sampling : ~~~150~~ 100

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓ | Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 34.78

PURGING INFORMATION | Approximate depth of pump inlet (feet): 90

Measuring Point : Top of Casing | PID Reading: 0.0

Casing size : 4-inch diameter | Ferrous Iron: 0.0

Screened Interval : 85-95 | CO_2: 170 mg/L

Depth to Water - Initial (DTWi) (ft) 34.48 | Weather Conditions: overcast

Depth to Well Bottom (ft) 95.1 | Temperature: 66

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	--	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10%	± 10 mV	+ 10%
1146	~100	34.50	9487.4	22.43	7.25	97.24	166.6	1.47
1151	~100	34.53	9434.1	23.50	7.23	60.22	71.9	0.29
1155	100	34.58	9431.5	23.49	7.22	39.05	57.3	0.23
1158	100	34.60	9435.8	23.48	7.22	39.68	55.9	0.22
1201	100	34.61	9433.7	23.45	7.23	41.81	54.0	0.22
1201	Purge Complete							

Container(s) Type and Volume	No. of Containers (x 2)	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	~~3~~ 6	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
1L Amber	~~2~~ 4	No	Ice	*EPA 8270C SVOCs*
250 mL poly	1 2	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals*
250 mL poly	1 2 4	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1 2	No	Ice	*SM 2540C TDS*

If the water level is above the top of the screen, the pump should be set at the approximate mid-point of the screen. If the water level is below the top of the screen, set the pump between the water level and the bottom of the screen. ** ***Note**: If there is less than 1.5ft of water, the well should be bailed dry and sampled on recharge.*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-13

Sample ID: MW-13

Duplicate Sample ID: —

EQUIPMENT / NOTES

Date / Time Collected: 20210119 / 0942

Purging Method/Equipment: Micropurge

Sample Collected by: NAM

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5" ~~1/2~~ white top

pH Meter #: 502797

Flow Rate During Purging : ~100

Water Level Meter #: BBC2

Flow Rate During Sampling : ~~~150~~ ~ 100

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3': 73.72

PURGING INFORMATION

Approximate depth of pump inlet (feet): 78.0

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : 4"

Ferrous Iron: 0.0

Screened Interval : 62-82

CO_2: >200 mg/L

Depth to Water - Initial (DTWi) (ft) 73.42

Weather Conditions: overcast

Depth to Well Bottom (ft) 82.0

Temperature: 68

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	--	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
0924	100	73.50	16603	21.92	6.48	2479.3	216.1	4.53
0929	100	73.53	16683	22.52	6.50	516.40	167.1	4.17
0933	100	73.56	16725	23.11	6.60	238.19	140.8	2.85
0936	100	73.58	16750	23.22	6.63	209.13	126.9	2.43
0939	100	73.60	16762	23.24	6.65	202.83	120.8	2.21
0942	100	73.61	16771	23.28	6.66	199.74	118.0	2.20
0942	Purge	Complete						

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
1L Amber	1	No	Ice	*EPA 8270C SVOCs*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals *Filtered**
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site | Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405 | Well ID: MW-16

Sample ID: MW-16 | Duplicate Sample ID: —

EQUIPMENT / NOTES | Date / Time Collected: 1/20/2021 @ 1445

Purging Method/Equipment: Micropurge | Sample Collected by: DLS

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5" QED | *pH Meter #:* 596128

Flow Rate During Purging : 50 | *Water Level Meter #:* 35510

Flow Rate During Sampling : 100

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓ | Drawdown depth limit (DDL) = DTWi + 0.3': 23.15

PURGING INFORMATION | Approximate depth of pump inlet (feet): 54'

Measuring Point : Top of Casing | PID Reading: 0.0

Casing size : 4" | Ferrous Iron: 0.0 mg/L

Screened Interval : 38-58 | CO_2: >200 mg/L

Depth to Water - Initial (DTWi) (ft) 22.85 | Weather Conditions: OVERCAST

Depth to Well Bottom (ft) 58.2 | Temperature: 70

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1427	50	22.87	12,677	22.56	6.80	3.62	156.2	2.79
1432	50	22.95	8,961	22.37	6.59	0.00	153.0	1.48
1436	50	22.93	13488	22.30	6.54	0.00	117.0	0.69
1439	50	22.93	13979	22.23	6.52	0.00	129.0	0.45
1442	50	22.93	14000	22.22	6.52	0.00	127.4	0.42
1445	50	22.93	13983	22.16	6.52	0.00	122.6	0.39
1445 SAMPLING INITIATED								

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals "Filtered"*
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site | Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405 | **Well ID:** MW-17

Sample ID: MW-17 | Duplicate Sample ID: —

EQUIPMENT / NOTES | **Date / Time Collected:** 20210119-20

Purging Method/Equipment: Micropurge | **Sample Collected by:** —

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* — | *pH Meter #:* —

Flow Rate During Purging : — | *Water Level Meter #:* —

Flow Rate During Sampling : —

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? — | Drawdown depth limit (DDL) = DTWi + 0.3': —

PURGING INFORMATION | Approximate depth of pump inlet (feet): —

Measuring Point : Top of Casing | PID Reading: —

Casing size : 4" | Ferrous Iron: —

Screened Interval : 10-30 | CO_2 : —

Depth to Water - Initial (DTWi) (ft) — | Weather Conditions: Sunny

Depth to Well Bottom (ft) — | Temperature: 70

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
Well inaccessible due to changed locks & homeless encampment all along road.								

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals "Filtered"*
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-18

Sample ID: MW-18

Duplicate Sample ID: —

EQUIPMENT / NOTES

Date / Time Collected: 20210120 @ 09:16

Purging Method/Equipment: Micropurge

Sample Collected by: NAA

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 15" white top

pH Meter #: 502797

Flow Rate During Purging : 50

Water Level Meter #: 122

Flow Rate During Sampling : 50

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3 (ft): 41.23

PURGING INFORMATION

Approximate depth of pump inlet (feet): 55

Measuring Point : Top of Casing

PID Reading: 0.3

Casing size : 4-inch diameter

Ferrous Iron: 0 0

Screened Interval : 45-65

CO_2 : >200mg/L

Depth to Water - Initial (DTWi) (ft) 40.93

Weather Conditions: overcast

Depth to Well Bottom (ft) 64.8

Temperature: 64

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	--	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10%	± 10 mV	+ 10%
0901	50	41 50.03	25100	21.25	6.77	17.1	243.7	2.28
0906	50	41.10	25426	22.46	6.79	16.3	227.1	0.97
0910	50	41.16	25339	22.71	6.79	9.69	226.9	0.85
0913	50	41.20	25279	22.86	6.79	9.53	227.6	0.80
0916	50	41.21	25275	22.90	6.79	9.60	227.3	0.77
0916	Purge Complete							

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
~~1L Amber~~	~~2~~	~~No~~	~~Ice~~	~~*EPA 8270C SVOCs*~~
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals*
250 mL poly	~~2~~	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

If the water level is above the top of the screen, the pump should be set at the approximate mid-point of the screen. If the water level is below the top of the screen, set the pump between the water level and the bottom of the screen. ** **Note**: *if there is less than 1.5ft of water, the well should be bailed dry and sampled on recharge.*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-20

Sample ID: MW-20

Duplicate Sample ID: —

EQUIPMENT / NOTES

Date / Time Collected: 1/20/2021 @1346

Purging Method/Equipment: Micropurge

Sample Collected by: DLS

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* QED 1.5"

pH Meter #: 596128

Flow Rate During Purging : 50

Water Level Meter #: 35516

Flow Rate During Sampling : 100

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

*DDL EXCEEDED

Drawdown depth limit (DDL) = DTWi + 0.3': 18.06

PURGING INFORMATION

Approximate depth of pump inlet (feet): 35'

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : 4"

Ferrous Iron: 0.0

Screened Interval : 15-35

CO_2: >200 mg/L

Depth to Water - Initial (DTWi) (ft) 17.76

Weather Conditions: OVERCAST

Depth to Well Bottom (ft) 38.5

Temperature: 71

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1331	50	18.04	20,326	23.07	6.53	5.31	117.1	2.15
1336	50	18.07	20,384	22.83	6.52	2.72	135.7	1.78
1340	50	18.12	20,394	22.81	6.52	1.65	122.8	1.75
1343	50	18.14	20,408	22.91	6.52	1.84	123.0	1.67
1346	50	18.16	20,394	22.95	6.52	2.17	126.9	1.64
1346	SAMPLING INITIATED							

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals "Filtered"*
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-21R

Sample ID: MW-21R

Duplicate Sample ID: —

EQUIPMENT / NOTES

Date / Time Collected: 20210120 / 1359

Purging Method/Equipment: Micropurge

Sample Collected by: NAH

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5" white top

pH Meter #: 596128

Flow Rate During Purging : 50

Water Level Meter #: 122

Flow Rate During Sampling : 50

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3': 93.58

PURGING INFORMATION

Approximate depth of pump inlet (feet): 145

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : 4"

Ferrous Iron: 0.0

Screened Interval : 140-150

CO_2: >200mg/L

Depth to Water - Initial (DTWi) (ft) 93.28

Weather Conditions: overcast

Depth to Well Bottom (ft) 149.8

Temperature: 70

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	--	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1335	50	93.33	11262	23.60	6.98	32.0	31.1	4.33
1340	50	93.40	17056	23.74	6.52	32.61	140.7	2.36
1344	50	93.43	19218	23.89	6.46	26.21	161.4	1.73
1347	50	93.56	20077	24.01	6.44	25.37	183.1	1.33
1350	50	93.03	20193	24.09	6.43	24.81	207.1	0.97
1353	50	93.06	20145	24.24	6.43	25.62	237.7	0.77
1356	50	93.10	20126	24.25	6.43	24.93	238.9	0.75
~~1359~~	50	94.12	20156	24.26	6.43	25.13	240.9	0.74
1359	Purge	Complete						

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals *Filtered**
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-22

Sample ID: MW-22

Duplicate Sample ID: NON PROGRAM WELL DUP

EQUIPMENT / NOTES

Date / Time Collected: 1-19-2021

Purging Method/Equipment: Micropurge

Sample Collected by: DLS

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5" QED

pH Meter #: 596128

Flow Rate During Purging : 50

Water Level Meter #: 35518

Flow Rate During Sampling : 100

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3': 97.78

PURGING INFORMATION

Approximate depth of pump inlet (feet): 110

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : 4"

Ferrous Iron: 0 mg/L

Screened Interval : 80-115

CO_2: >200 mg/L

Depth to Water - Initial (DTWi) (ft) 97.48

Weather Conditions: OVERCAST HIGH WIND

Depth to Well Bottom (ft) 116.2

Temperature: 68

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1354	50	97.48	15455	24.18	6.68	3.73	216.2	1.35
1359	50	97.50	15250	25.10	6.66	3.45	249.9	0.88
1403	50	97.55	15148	24.50	6.66	2.33	243.5	0.74
1406	50	97.59	15058	24.13	6.66	2.38	240.4	0.68
1409	50	97.64	15040	23.80	6.67	2.43	236.9	0.59
1412	50	97.71	14986	23.44	6.67	2.29	233.0	0.58
1415	50	97.82	14991	23.20	6.68	3.06	234.6	0.55
1415	SAMPLING INITIATED							

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals *Filtered**
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-23

Sample ID: MW-23

Duplicate Sample ID: —

EQUIPMENT / NOTES

Date / Time Collected: 20210120 / 1136

Purging Method/Equipment: Micropurge

Sample Collected by: NAH

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 19 2" white top

pH Meter #: 596128

Flow Rate During Purging : 50

Water Level Meter #: 122

Flow Rate During Sampling : 50

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3': 63.53

PURGING INFORMATION

Approximate depth of pump inlet (feet): 62

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : 4"

Ferrous Iron: 0.0

Screened Interval : 58-68

CO_2: 7200mg/L

Depth to Water - Initial (DTWi) (ft) 63.23

Weather Conditions: sunny

Depth to Well Bottom (ft) 66.8

Temperature: 70

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1136	/	63.38	12815	22.41	7.09	386	265.0	9.95
1136	Sample							
Unable to get water to surface due to limited water. Grab sample collected.								

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals *Filtered**
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: MW-24

Sample ID: MW-24

Duplicate Sample ID: —

EQUIPMENT / NOTES

Date / Time Collected: 20210120 / 1023

Purging Method/Equipment: Micropurge

Sample Collected by: NAA

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5" 2" white top

pH Meter #: 596128

Flow Rate During Purging : 50

Water Level Meter #: 122

Flow Rate During Sampling : 50

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3': 72.90

PURGING INFORMATION

Approximate depth of pump inlet (feet): 74

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : 4

Ferrous Iron: 0.0

Screened Interval : 69-89

CO_2: 7200 mg/L

Depth to Water - Initial (DTWi) (ft) 72.60

Weather Conditions: Sunny

Depth to Well Bottom (ft) 88.9

Temperature: 70

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1008	50	72.71	32228	22.67	6.52	8.06	259.7	0.91
1013	50	72.76	32262	23.41	6.50	7.31	256.2	0.41
1017	50	72.80	32280	23.54	6.50	7.63	257.2	0.35
1020	50	72.81	32177	23.60	6.50	7.60	257.8	0.31
1023	50	72.83	~~323~~32215	23.62	6.50	7.81	257.1	0.29
1023	Purge Complete							

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals "Filtered"*
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

GROUND WATER SAMPLE COLLECTION LOG

Project Name: Former OMAR Rendering Site

Site Location: 1886 Auto Park Pl. Chula Vista, CA

Project No.: 102405

Well ID: TPMW-01

Sample ID: TPMW-01

Duplicate Sample ID: —

EQUIPMENT / NOTES

Date / Time Collected: 1/20/2021 @ 1140

Purging Method/Equipment: Micropurge

Sample Collected by: DLS

Sampling Equipment/ID No.: *Non-dedicated Bladder Pump #:* 1.5' QED

pH Meter #: 596128

Flow Rate During Purging : 50 mL

Water Level Meter #: —

Flow Rate During Sampling : 50 mL

Note: Flowrate for VOC sampling should be no greater than 100 ml/min

Daily field instrument calibration verification performed? ✓

Drawdown depth limit (DDL) = DTWi + 0.3': —

PURGING INFORMATION

Approximate depth of pump inlet (feet): 2.5'

Measuring Point : Top of Casing

PID Reading: 0.0

Casing size : TEMPORARY WELL

Ferrous Iron: 0 mg/L

Screened Interval : DUG TO 3'

CO_2: 2200 mg/L

Depth to Water - Initial (DTWi) (ft) —

Weather Conditions: OVERCAST

Depth to Well Bottom (ft) 3'

Temperature: 70

Time of Reading	Purge Rate (ml/min)	Dynamic Depth to Water	Conductivity (µS/cm)	Temperature (oC / F)	pH	Turbidity (NTU)	ORP	DO (mg/L)
Purge Stabilization Criteria	–	Drawdown limit 0.3 ft	±10%	± 10%	+0.1 units	± 10% or <10 NTUs	± 10 mV	± 10%
1125	50		11872	18.22	7.08	541.82	56.2	5.79
1130	50		11954	17.89	7.12	408.36	33.6	5.91
1134	50		11946	17.65	7.14	764.41	23.5	6.35
1137	50		11975	17.50	7.14	710.40	23.7	6.35
1140	50		11972	17.45	7.14	666.59	17.0	6.37
1140 SAMPLING INITIATED								
* NO DRAWDOWN DETECTED/OBSERVED								

Container(s) Type and Volume	No. of Containers	Filtered (Y/N)	Preservatives	Parameters
40-ml VOA Vials	3	No	HCl, Ice	*EPA 8260B VOCs+Oxygenates (Low Level)*
250 mL poly	1	Yes	HNO3	*EPA 6010B/7470A Note 1 Metals *Filtered**
250 mL poly	2	No	Ice	*SM 2320B Alkalinity , EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)*
1L poly	1	No	Ice	*SM 2540C TDS*

APTIM

Appendix D
Laboratory Certificate of Analysis and Chain-of-Custody Records

Fall 2020

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-35586-1
Client Project/Site: Omar Former Rendering Plant - Program Wells

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
8/25/2020 9:28:34 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 5
Detection Summary 7
Client Sample Results 10
Surrogate Summary 39
QC Sample Results 40
QC Association Summary 63
Lab Chronicle 68
Certification Summary 72
Method Summary 73
Sample Summary 74
Chain of Custody 75
Receipt Checklists 77

Definitions/Glossary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-35586-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-35586-1

Comments
No additional comments.

Receipt
The samples were received on 8/11/2020 6:25 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.0º C and 3.5º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-87321.

Method 8260B: The method blank for analytical batch 570-87532 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 570-87532 were outside control limits: MW-03 (570-35586-5[MS]) and MW-03 (570-35586-5[MSD]). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-88196.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-87594 and analytical batch 570-87892 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-86937 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW-03 (570-35586-5[MS]) and MW-03 (570-35586-5[MSD]). Because of this dilution, the matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Orthophosphate as P analytical batch 570-87205 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-89513 and analytical batch 570-89598 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Calcium and Magnesium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-89513 and analytical batch 570-89598 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Job ID: 570-35586-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

Method 6010B: Due to the high concentration of Sodium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-89513 and analytical batch 570-89763 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Client Sample ID: MW-13
Lab Sample ID: 570-35586-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	9.5	B	2.0	0.25	ug/L	4		8260B	Total/NA
c-1,2-Dichloroethene	14		2.0	0.43	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	13		2.0	0.24	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	0.77	J	2.0	0.41	ug/L	4		8260B	Total/NA
Tetrachloroethene	1.2	J	2.0	0.97	ug/L	4		8260B	Total/NA
t-1,2-Dichloroethene	0.69	J	2.0	0.33	ug/L	4		8260B	Total/NA
1,1,2-Trichloroethane	0.80	J	2.0	0.28	ug/L	4		8260B	Total/NA
Trichloroethene	48		2.0	0.41	ug/L	4		8260B	Total/NA
Chloride	4900		100	36	mg/L	100		300.0	Total/NA
Nitrate as N	86		10	2.4	mg/L	100		300.0	Total/NA
Sulfate	370		5.0	1.2	mg/L	5		300.0	Total/NA
Barium	0.242		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	631		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0125	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.204	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0423	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	218		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.00416	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0222	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.0346	J	0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	21.1		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0346	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Silver	0.00490	J B	0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium	2750		20.0	11.1	mg/L	10		6010B	Dissolved
Thallium	0.0216	J	0.0500	0.0161	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	455		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	455		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	10000		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Program Well Dup
Lab Sample ID: 570-35586-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	9.5	B	0.50	0.062	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	14		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	13		0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.77		0.50	0.10	ug/L	1		8260B	Total/NA
1,2-Dichloropropane	0.15	J	0.50	0.099	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5		0.50	0.24	ug/L	1		8260B	Total/NA
t-1,2-Dichloroethene	0.76		0.50	0.082	ug/L	1		8260B	Total/NA
1,1,2-Trichloroethane	1.1		0.50	0.069	ug/L	1		8260B	Total/NA
Trichloroethene - DL	59		2.0	0.41	ug/L	4		8260B	Total/NA
Chloride	5500		100	36	mg/L	100		300.0	Total/NA
Nitrate as N	95		10	2.4	mg/L	100		300.0	Total/NA
Sulfate	370		5.0	1.2	mg/L	5		300.0	Total/NA
Barium	0.242		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	632		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0116	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.138	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0487	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	216		0.500	0.0493	mg/L	1		6010B	Dissolved
Molybdenum	0.00792	J	0.0500	0.00509	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: Program Well Dup (Continued)
Lab Sample ID: 570-35586-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0317	J	0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	21.1		2.00	0.240	mg/L	1		6010B	Dissolved
Sodium	2830		20.0	11.1	mg/L	10		6010B	Dissolved
Thallium	0.0292	J	0.0500	0.0161	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	445		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	445		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	10400		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-08
Lab Sample ID: 570-35586-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.089	J B	0.50	0.062	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.093	J	0.50	0.060	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		0.50	0.10	ug/L	1		8260B	Total/NA
Chloride	2500		100	36	mg/L	100		300.0	Total/NA
Nitrate as N	12		0.50	0.12	mg/L	5		300.0	Total/NA
Sulfate	440		100	24	mg/L	100		300.0	Total/NA
Barium	0.0326		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	369		2.00	0.459	mg/L	1		6010B	Dissolved
Lead	0.0439	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	45.3		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.00447	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.115		0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.892		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	14.6		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0311	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Sodium	1550		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	138		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	138		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6190		1.00	0.870	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-02
Lab Sample ID: 570-35586-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	B	0.50	0.062	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	0.41	J	0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.24	J	0.50	0.060	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		0.50	0.10	ug/L	1		8260B	Total/NA
Chloride	7200		100	36	mg/L	100		300.0	Total/NA
Nitrate as N	13		1.0	0.24	mg/L	10		300.0	Total/NA
Sulfate	610		10	2.4	mg/L	10		300.0	Total/NA
Barium	0.0618		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	921		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0145	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.186	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0320	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	279		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.0518		0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0183	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	1.18		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	16.7		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0345	J	0.100	0.0244	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-02 (Continued) — Lab Sample ID: 570-35586-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.0120	B	0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium	3470		20.0	11.1	mg/L	10		6010B	Dissolved
Mercury	0.00157		0.000500	0.000141	mg/L	1		7470A	Dissolved
Alkalinity, Total (As CaCO3)	110		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	110		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	16200		4.00	3.48	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-03 — Lab Sample ID: 570-35586-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	0.096	J	0.50	0.053	ug/L	1		8260B	Total/NA
Chloroform	0.55	B	0.50	0.062	ug/L	1		8260B	Total/NA
Trichloroethene	0.52		0.50	0.10	ug/L	1		8260B	Total/NA
Chloride	4300		100	36	mg/L	100		300.0	Total/NA
Nitrate as N	13		0.50	0.12	mg/L	5		300.0	Total/NA
Sulfate	520		100	24	mg/L	100		300.0	Total/NA
Barium	0.0483		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	531		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0106	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Lead	0.0476	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	103		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.0179	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0562		0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	1.46		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	16.1	F1	2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0247	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Silver	0.00351	J B	0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium	2210		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	132		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	132		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9230		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: QCTB — Lab Sample ID: 570-35586-6

No Detections.

Client Sample ID: QCEB — Lab Sample ID: 570-35586-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15		10	4.0	ug/L	1		8260B	Total/NA
Methylene Chloride	0.077	J	1.0	0.043	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		40	16	ug/L			08/13/20 14:42	4
Benzene	ND		2.0	0.29	ug/L			08/13/20 14:42	4
Bromobenzene	ND		2.0	0.24	ug/L			08/13/20 14:42	4
Bromochloromethane	ND		4.0	0.33	ug/L			08/13/20 14:42	4
Bromodichloromethane	ND		2.0	0.21	ug/L			08/13/20 14:42	4
Bromoform	ND		2.0	0.39	ug/L			08/13/20 14:42	4
Bromomethane	ND		8.0	4.0	ug/L			08/13/20 14:42	4
2-Butanone	ND		20	1.8	ug/L			08/13/20 14:42	4
Carbon disulfide	ND		40	1.5	ug/L			08/13/20 14:42	4
Carbon tetrachloride	ND		2.0	0.23	ug/L			08/13/20 14:42	4
Chlorobenzene	ND		2.0	0.35	ug/L			08/13/20 14:42	4
Chloroethane	ND		2.0	0.47	ug/L			08/13/20 14:42	4
Chloroform	**9.5**	**B**	2.0	0.25	ug/L			08/13/20 14:42	4
Chloromethane	ND		20	7.8	ug/L			08/13/20 14:42	4
2-Chlorotoluene	ND		2.0	0.23	ug/L			08/13/20 14:42	4
4-Chlorotoluene	ND		2.0	0.36	ug/L			08/13/20 14:42	4
c-1,2-Dichloroethene	**14**		2.0	0.43	ug/L			08/13/20 14:42	4
c-1,3-Dichloropropene	ND		2.0	0.38	ug/L			08/13/20 14:42	4
Dibromochloromethane	ND		2.0	0.25	ug/L			08/13/20 14:42	4
1,2-Dibromo-3-Chloropropane	ND		20	2.1	ug/L			08/13/20 14:42	4
1,2-Dibromoethane	ND		2.0	0.24	ug/L			08/13/20 14:42	4
Dibromomethane	ND		2.0	0.50	ug/L			08/13/20 14:42	4
1,2-Dichlorobenzene	ND		2.0	0.33	ug/L			08/13/20 14:42	4
1,3-Dichlorobenzene	ND		2.0	0.39	ug/L			08/13/20 14:42	4
1,4-Dichlorobenzene	ND		2.0	0.29	ug/L			08/13/20 14:42	4
Dichlorodifluoromethane	ND		4.0	0.40	ug/L			08/13/20 14:42	4
1,1-Dichloroethane	**13**		2.0	0.24	ug/L			08/13/20 14:42	4
1,2-Dichloroethane	ND		2.0	0.30	ug/L			08/13/20 14:42	4
1,1-Dichloroethene	**0.77**	**J**	2.0	0.41	ug/L			08/13/20 14:42	4
1,2-Dichloropropane	ND		2.0	0.39	ug/L			08/13/20 14:42	4
1,3-Dichloropropane	ND		4.0	0.33	ug/L			08/13/20 14:42	4
2,2-Dichloropropane	ND		4.0	1.5	ug/L			08/13/20 14:42	4
1,1-Dichloropropene	ND		2.0	0.28	ug/L			08/13/20 14:42	4
Di-isopropyl ether (DIPE)	ND		2.0	0.28	ug/L			08/13/20 14:42	4
Ethanol	ND		200	80	ug/L			08/13/20 14:42	4
Ethylbenzene	ND		2.0	0.35	ug/L			08/13/20 14:42	4
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.34	ug/L			08/13/20 14:42	4
2-Hexanone	ND		40	2.0	ug/L			08/13/20 14:42	4
Isopropylbenzene	ND		2.0	0.31	ug/L			08/13/20 14:42	4
Methylene Chloride	ND		4.0	0.17	ug/L			08/13/20 14:42	4
4-Methyl-2-pentanone	ND		20	1.7	ug/L			08/13/20 14:42	4
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.27	ug/L			08/13/20 14:42	4
m,p-Xylene	ND		4.0	0.59	ug/L			08/13/20 14:42	4
Naphthalene	ND		4.0	0.39	ug/L			08/13/20 14:42	4
n-Butylbenzene	ND		2.0	0.43	ug/L			08/13/20 14:42	4
N-Propylbenzene	ND		2.0	0.31	ug/L			08/13/20 14:42	4
o-Xylene	ND		2.0	0.34	ug/L			08/13/20 14:42	4
p-Isopropyltoluene	ND		2.0	0.29	ug/L			08/13/20 14:42	4
sec-Butylbenzene	ND		2.0	0.38	ug/L			08/13/20 14:42	4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.23	ug/L			08/13/20 14:42	4
Tert-amyl-methyl ether (TAME)	ND		2.0	0.40	ug/L			08/13/20 14:42	4
tert-Butyl alcohol (TBA)	ND		40	16	ug/L			08/13/20 14:42	4
tert-Butylbenzene	ND		2.0	0.33	ug/L			08/13/20 14:42	4
1,1,1,2-Tetrachloroethane	ND		2.0	0.28	ug/L			08/13/20 14:42	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.35	ug/L			08/13/20 14:42	4
Tetrachloroethene	**1.2**	**J**	2.0	0.97	ug/L			08/13/20 14:42	4
Toluene	ND		2.0	0.37	ug/L			08/13/20 14:42	4
t-1,2-Dichloroethene	**0.69**	**J**	2.0	0.33	ug/L			08/13/20 14:42	4
t-1,3-Dichloropropene	ND		2.0	0.21	ug/L			08/13/20 14:42	4
1,2,3-Trichlorobenzene	ND		2.0	0.47	ug/L			08/13/20 14:42	4
1,2,4-Trichlorobenzene	ND		2.0	0.36	ug/L			08/13/20 14:42	4
1,1,1-Trichloroethane	ND		2.0	0.34	ug/L			08/13/20 14:42	4
1,1,2-Trichloroethane	**0.80**	**J**	2.0	0.28	ug/L			08/13/20 14:42	4
Trichloroethene	**48**		2.0	0.41	ug/L			08/13/20 14:42	4
Trichlorofluoromethane	ND		2.0	0.41	ug/L			08/13/20 14:42	4
1,2,3-Trichloropropane	ND		4.0	0.31	ug/L			08/13/20 14:42	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	2.0	0.50	ug/L			08/13/20 14:42	4
1,2,4-Trimethylbenzene	ND		2.0	0.27	ug/L			08/13/20 14:42	4
1,3,5-Trimethylbenzene	ND		2.0	0.31	ug/L			08/13/20 14:42	4
Vinyl acetate	ND		20	2.8	ug/L			08/13/20 14:42	4
Vinyl chloride	ND		2.0	0.31	ug/L			08/13/20 14:42	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*08/13/20 14:42*	*4*
Dibromofluoromethane	*95*		*80 - 127*		*08/13/20 14:42*	*4*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*08/13/20 14:42*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/13/20 14:42*	*4*

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/13/20 15:11	1
Benzene	ND		0.50	0.072	ug/L			08/13/20 15:11	1
Bromobenzene	ND		0.50	0.061	ug/L			08/13/20 15:11	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/13/20 15:11	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/13/20 15:11	1
Bromoform	ND		0.50	0.096	ug/L			08/13/20 15:11	1
Bromomethane	ND		2.0	0.99	ug/L			08/13/20 15:11	1
2-Butanone	ND		5.0	0.46	ug/L			08/13/20 15:11	1
Carbon disulfide	ND		10	0.39	ug/L			08/13/20 15:11	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/13/20 15:11	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/13/20 15:11	1
Chloroethane	ND		0.50	0.12	ug/L			08/13/20 15:11	1
Chloroform	**9.5**	**B**	0.50	0.062	ug/L			08/13/20 15:11	1
Chloromethane	ND		5.0	2.0	ug/L			08/13/20 15:11	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/13/20 15:11	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/13/20 15:11	1
c-1,2-Dichloroethene	**14**		0.50	0.11	ug/L			08/13/20 15:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/13/20 15:11	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/13/20 15:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/13/20 15:11	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/13/20 15:11	1
Dibromomethane	ND		0.50	0.13	ug/L			08/13/20 15:11	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/13/20 15:11	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/13/20 15:11	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/13/20 15:11	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/13/20 15:11	1
1,1-Dichloroethane	**13**		0.50	0.060	ug/L			08/13/20 15:11	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/13/20 15:11	1
1,1-Dichloroethene	**0.77**		0.50	0.10	ug/L			08/13/20 15:11	1
1,2-Dichloropropane	**0.15**	**J**	0.50	0.099	ug/L			08/13/20 15:11	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/13/20 15:11	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/13/20 15:11	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/13/20 15:11	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/13/20 15:11	1
Ethanol	ND		50	20	ug/L			08/13/20 15:11	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/13/20 15:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/13/20 15:11	1
2-Hexanone	ND		10	0.50	ug/L			08/13/20 15:11	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/13/20 15:11	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/13/20 15:11	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/13/20 15:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/13/20 15:11	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/13/20 15:11	1
Naphthalene	ND		1.0	0.097	ug/L			08/13/20 15:11	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/13/20 15:11	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/13/20 15:11	1
o-Xylene	ND		0.50	0.086	ug/L			08/13/20 15:11	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/13/20 15:11	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/13/20 15:11	1
Styrene	ND		0.50	0.059	ug/L			08/13/20 15:11	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/13/20 15:11	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/13/20 15:11	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/13/20 15:11	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/13/20 15:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/13/20 15:11	1
Tetrachloroethene	**1.5**		0.50	0.24	ug/L			08/13/20 15:11	1
Toluene	ND		0.50	0.093	ug/L			08/13/20 15:11	1
t-1,2-Dichloroethene	**0.76**		0.50	0.082	ug/L			08/13/20 15:11	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/13/20 15:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/13/20 15:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/13/20 15:11	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/13/20 15:11	1
1,1,2-Trichloroethane	**1.1**		0.50	0.069	ug/L			08/13/20 15:11	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/13/20 15:11	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/13/20 15:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/13/20 15:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/13/20 15:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/13/20 15:11	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/13/20 15:11	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/13/20 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*		*08/13/20 15:11*	*1*
Dibromofluoromethane	*97*		*80 - 127*		*08/13/20 15:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*08/13/20 15:11*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/13/20 15:11*	*1*

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/13/20 15:40	1
Benzene	ND		0.50	0.072	ug/L			08/13/20 15:40	1
Bromobenzene	ND		0.50	0.061	ug/L			08/13/20 15:40	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/13/20 15:40	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/13/20 15:40	1
Bromoform	ND		0.50	0.096	ug/L			08/13/20 15:40	1
Bromomethane	ND		2.0	0.99	ug/L			08/13/20 15:40	1
2-Butanone	ND		5.0	0.46	ug/L			08/13/20 15:40	1
Carbon disulfide	ND		10	0.39	ug/L			08/13/20 15:40	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/13/20 15:40	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/13/20 15:40	1
Chloroethane	ND		0.50	0.12	ug/L			08/13/20 15:40	1
Chloroform	**0.089**	**J B**	0.50	0.062	ug/L			08/13/20 15:40	1
Chloromethane	ND		5.0	2.0	ug/L			08/13/20 15:40	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/13/20 15:40	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/13/20 15:40	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/13/20 15:40	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/13/20 15:40	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/13/20 15:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/13/20 15:40	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/13/20 15:40	1
Dibromomethane	ND		0.50	0.13	ug/L			08/13/20 15:40	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/13/20 15:40	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/13/20 15:40	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/13/20 15:40	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/13/20 15:40	1
1,1-Dichloroethane	**0.093**	**J**	0.50	0.060	ug/L			08/13/20 15:40	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/13/20 15:40	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/13/20 15:40	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/13/20 15:40	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/13/20 15:40	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/13/20 15:40	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/13/20 15:40	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/13/20 15:40	1
Ethanol	ND		50	20	ug/L			08/13/20 15:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.087	ug/L			08/13/20 15:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/13/20 15:40	1
2-Hexanone	ND		10	0.50	ug/L			08/13/20 15:40	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/13/20 15:40	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/13/20 15:40	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/13/20 15:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/13/20 15:40	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/13/20 15:40	1
Naphthalene	ND		1.0	0.097	ug/L			08/13/20 15:40	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/13/20 15:40	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/13/20 15:40	1
o-Xylene	ND		0.50	0.086	ug/L			08/13/20 15:40	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/13/20 15:40	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/13/20 15:40	1
Styrene	ND		0.50	0.059	ug/L			08/13/20 15:40	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/13/20 15:40	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/13/20 15:40	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/13/20 15:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/13/20 15:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/13/20 15:40	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/13/20 15:40	1
Toluene	ND		0.50	0.093	ug/L			08/13/20 15:40	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/13/20 15:40	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/13/20 15:40	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/13/20 15:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/13/20 15:40	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/13/20 15:40	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/13/20 15:40	1
Trichloroethene	**1.6**		0.50	0.10	ug/L			08/13/20 15:40	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/13/20 15:40	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/13/20 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/13/20 15:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/13/20 15:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/13/20 15:40	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/13/20 15:40	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/13/20 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68 - 120*		*08/13/20 15:40*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*08/13/20 15:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*08/13/20 15:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/13/20 15:40*	*1*

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/13/20 16:08	1
Benzene	ND		0.50	0.072	ug/L			08/13/20 16:08	1
Bromobenzene	ND		0.50	0.061	ug/L			08/13/20 16:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		1.0	0.082	ug/L			08/13/20 16:08	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/13/20 16:08	1
Bromoform	ND		0.50	0.096	ug/L			08/13/20 16:08	1
Bromomethane	ND		2.0	0.99	ug/L			08/13/20 16:08	1
2-Butanone	ND		5.0	0.46	ug/L			08/13/20 16:08	1
Carbon disulfide	ND		10	0.39	ug/L			08/13/20 16:08	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/13/20 16:08	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/13/20 16:08	1
Chloroethane	ND		0.50	0.12	ug/L			08/13/20 16:08	1
Chloroform	**1.3**	**B**	0.50	0.062	ug/L			08/13/20 16:08	1
Chloromethane	ND		5.0	2.0	ug/L			08/13/20 16:08	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/13/20 16:08	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/13/20 16:08	1
c-1,2-Dichloroethene	**0.41**	**J**	0.50	0.11	ug/L			08/13/20 16:08	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/13/20 16:08	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/13/20 16:08	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/13/20 16:08	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/13/20 16:08	1
Dibromomethane	ND		0.50	0.13	ug/L			08/13/20 16:08	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/13/20 16:08	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/13/20 16:08	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/13/20 16:08	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/13/20 16:08	1
1,1-Dichloroethane	**0.24**	**J**	0.50	0.060	ug/L			08/13/20 16:08	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/13/20 16:08	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/13/20 16:08	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/13/20 16:08	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/13/20 16:08	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/13/20 16:08	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/13/20 16:08	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/13/20 16:08	1
Ethanol	ND		50	20	ug/L			08/13/20 16:08	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/13/20 16:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/13/20 16:08	1
2-Hexanone	ND		10	0.50	ug/L			08/13/20 16:08	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/13/20 16:08	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/13/20 16:08	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/13/20 16:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/13/20 16:08	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/13/20 16:08	1
Naphthalene	ND		1.0	0.097	ug/L			08/13/20 16:08	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/13/20 16:08	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/13/20 16:08	1
o-Xylene	ND		0.50	0.086	ug/L			08/13/20 16:08	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/13/20 16:08	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/13/20 16:08	1
Styrene	ND		0.50	0.059	ug/L			08/13/20 16:08	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/13/20 16:08	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/13/20 16:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/13/20 16:08	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/13/20 16:08	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/13/20 16:08	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/13/20 16:08	1
Toluene	ND		0.50	0.093	ug/L			08/13/20 16:08	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/13/20 16:08	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/13/20 16:08	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/13/20 16:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/13/20 16:08	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/13/20 16:08	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/13/20 16:08	1
Trichloroethene	**1.1**		0.50	0.10	ug/L			08/13/20 16:08	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/13/20 16:08	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/13/20 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/13/20 16:08	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/13/20 16:08	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/13/20 16:08	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/13/20 16:08	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/13/20 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*68 - 120*		*08/13/20 16:08*	*1*
Dibromofluoromethane	*99*		*80 - 127*		*08/13/20 16:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*08/13/20 16:08*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/13/20 16:08*	*1*

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/13/20 12:47	1
Benzene	ND		0.50	0.072	ug/L			08/13/20 12:47	1
Bromobenzene	ND		0.50	0.061	ug/L			08/13/20 12:47	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/13/20 12:47	1
Bromodichloromethane	**0.096**	**J**	0.50	0.053	ug/L			08/13/20 12:47	1
Bromoform	ND		0.50	0.096	ug/L			08/13/20 12:47	1
Bromomethane	ND		2.0	0.99	ug/L			08/13/20 12:47	1
2-Butanone	ND		5.0	0.46	ug/L			08/13/20 12:47	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/13/20 12:47	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/13/20 12:47	1
Chloroethane	ND		0.50	0.12	ug/L			08/13/20 12:47	1
Chloroform	**0.55**	**B**	0.50	0.062	ug/L			08/13/20 12:47	1
Chloromethane	ND		5.0	2.0	ug/L			08/13/20 12:47	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/13/20 12:47	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/13/20 12:47	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/13/20 12:47	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/13/20 12:47	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/13/20 12:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/13/20 12:47	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/13/20 12:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50	0.13	ug/L			08/13/20 12:47	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/13/20 12:47	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/13/20 12:47	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/13/20 12:47	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/13/20 12:47	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/13/20 12:47	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/13/20 12:47	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/13/20 12:47	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/13/20 12:47	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/13/20 12:47	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/13/20 12:47	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/13/20 12:47	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/13/20 12:47	1
Ethanol	ND		50	20	ug/L			08/13/20 12:47	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/13/20 12:47	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/13/20 12:47	1
2-Hexanone	ND		10	0.50	ug/L			08/13/20 12:47	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/13/20 12:47	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/13/20 12:47	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/13/20 12:47	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/13/20 12:47	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/13/20 12:47	1
Naphthalene	ND		1.0	0.097	ug/L			08/13/20 12:47	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/13/20 12:47	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/13/20 12:47	1
o-Xylene	ND		0.50	0.086	ug/L			08/13/20 12:47	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/13/20 12:47	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/13/20 12:47	1
Styrene	ND	F1 F2	0.50	0.059	ug/L			08/13/20 12:47	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/13/20 12:47	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/13/20 12:47	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/13/20 12:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/13/20 12:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/13/20 12:47	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/13/20 12:47	1
Toluene	ND		0.50	0.093	ug/L			08/13/20 12:47	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/13/20 12:47	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/13/20 12:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/13/20 12:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/13/20 12:47	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/13/20 12:47	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/13/20 12:47	1
Trichloroethene	**0.52**		0.50	0.10	ug/L			08/13/20 12:47	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/13/20 12:47	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/13/20 12:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/13/20 12:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/13/20 12:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/13/20 12:47	1
Vinyl acetate	ND	F1 F2	5.0	0.70	ug/L			08/13/20 12:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.078	ug/L			08/13/20 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*08/13/20 12:47*	*1*
Dibromofluoromethane	*98*		*80 - 127*		*08/13/20 12:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*08/13/20 12:47*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/13/20 12:47*	*1*

Client Sample ID: QCTB
Date Collected: 08/11/20 07:10
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/12/20 12:45	1
Benzene	ND		0.50	0.072	ug/L			08/12/20 12:45	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 12:45	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 12:45	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 12:45	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 12:45	1
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 12:45	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 12:45	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 12:45	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 12:45	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/12/20 12:45	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 12:45	1
Chloroform	ND		0.50	0.062	ug/L			08/12/20 12:45	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 12:45	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 12:45	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 12:45	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/12/20 12:45	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 12:45	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 12:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 12:45	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 12:45	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 12:45	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 12:45	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 12:45	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 12:45	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 12:45	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/12/20 12:45	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 12:45	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/12/20 12:45	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 12:45	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 12:45	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 12:45	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 12:45	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 12:45	1
Ethanol	ND		50	20	ug/L			08/12/20 12:45	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 12:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 12:45	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 12:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 08/11/20 07:10
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 12:45	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/12/20 12:45	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 12:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 12:45	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 12:45	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 12:45	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 12:45	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 12:45	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 12:45	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 12:45	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 12:45	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 12:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 12:45	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 12:45	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 12:45	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 12:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 12:45	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 12:45	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 12:45	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/12/20 12:45	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 12:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 12:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 12:45	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 12:45	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 12:45	1
Trichloroethene	ND		0.50	0.10	ug/L			08/12/20 12:45	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 12:45	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 12:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 12:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 12:45	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 12:45	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/12/20 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*68 - 120*		*08/12/20 12:45*	*1*
Dibromofluoromethane	*96*		*80 - 127*		*08/12/20 12:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 128*		*08/12/20 12:45*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/12/20 12:45*	*1*

Client Sample ID: QCEB
Date Collected: 08/11/20 15:30
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**15**		10	4.0	ug/L			08/12/20 13:14	1
Benzene	ND		0.50	0.072	ug/L			08/12/20 13:14	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 13:14	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 13:14	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 13:14	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 13:14	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Lab Sample ID: 570-35586-7
Date Collected: 08/11/20 15:30
Matrix: Water
Date Received: 08/11/20 18:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 13:14	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 13:14	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 13:14	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 13:14	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/12/20 13:14	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 13:14	1
Chloroform	ND		0.50	0.062	ug/L			08/12/20 13:14	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 13:14	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 13:14	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 13:14	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/12/20 13:14	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 13:14	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 13:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 13:14	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 13:14	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 13:14	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 13:14	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 13:14	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 13:14	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 13:14	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/12/20 13:14	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 13:14	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/12/20 13:14	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 13:14	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 13:14	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 13:14	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 13:14	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 13:14	1
Ethanol	ND		50	20	ug/L			08/12/20 13:14	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 13:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 13:14	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 13:14	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 13:14	1
Methylene Chloride	**0.077**	**J**	1.0	0.043	ug/L			08/12/20 13:14	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 13:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 13:14	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 13:14	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 13:14	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 13:14	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 13:14	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 13:14	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 13:14	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 13:14	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 13:14	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 13:14	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 13:14	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 13:14	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 13:14	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 13:14	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 08/11/20 15:30
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 13:14	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 13:14	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/12/20 13:14	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 13:14	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 13:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 13:14	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 13:14	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 13:14	1
Trichloroethene	ND		0.50	0.10	ug/L			08/12/20 13:14	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 13:14	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 13:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 13:14	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 13:14	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 13:14	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 13:14	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/12/20 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*08/12/20 13:14*	*1*
Dibromofluoromethane	*96*		*80 - 127*		*08/12/20 13:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 128*		*08/12/20 13:14*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/12/20 13:14*	*1*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Client Sample ID: Program Well Dup
Lab Sample ID: 570-35586-2
Date Collected: 08/11/20 00:00
Matrix: Water
Date Received: 08/11/20 18:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	59		2.0	0.41	ug/L			08/16/20 03:22	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*		*08/16/20 03:22*	*4*
Dibromofluoromethane	*101*		*80 - 127*		*08/16/20 03:22*	*4*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*08/16/20 03:22*	*4*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/16/20 03:22*	*4*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Client Sample ID: MW-03
Lab Sample ID: 570-35586-5
Date Collected: 08/11/20 14:05
Matrix: Water
Date Received: 08/11/20 18:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		10	0.39	ug/L			08/16/20 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*68 - 120*		*08/16/20 03:51*	*1*
Dibromofluoromethane	*99*		*80 - 127*		*08/16/20 03:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*08/16/20 03:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/16/20 03:51*	*1*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
Acenaphthylene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:10	1
Aniline	ND		9.6	1.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
Anthracene	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:10	1
Azobenzene	ND		9.6	2.5	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzidine	ND		48	6.2	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzo[a]anthracene	ND		9.6	4.5	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzo[a]pyrene	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzo[b]fluoranthene	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzo[g,h,i]perylene	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzoic acid	ND		48	12	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzo[k]fluoranthene	ND		9.6	3.1	ug/L		08/13/20 13:07	08/14/20 14:10	1
Benzyl alcohol	ND		9.6	2.1	ug/L		08/13/20 13:07	08/14/20 14:10	1
Bis(2-chloroethoxy)methane	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
Bis(2-chloroethyl)ether	ND		24	2.3	ug/L		08/13/20 13:07	08/14/20 14:10	1
bis (2-Chloroisopropyl) ether	ND		9.6	3.1	ug/L		08/13/20 13:07	08/14/20 14:10	1
Bis(2-ethylhexyl) phthalate	ND		9.6	3.0	ug/L		08/13/20 13:07	08/14/20 14:10	1
4-Bromophenyl phenyl ether	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:10	1
Butyl benzyl phthalate	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
4-Chloroaniline	ND		9.6	1.9	ug/L		08/13/20 13:07	08/14/20 14:10	1
4-Chloro-3-methylphenol	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:10	1
2-Chloronaphthalene	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:10	1
2-Chlorophenol	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:10	1
4-Chlorophenyl phenyl ether	ND		9.6	2.5	ug/L		08/13/20 13:07	08/14/20 14:10	1
Chrysene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
Dibenz(a,h)anthracene	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
Dibenzofuran	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
1,2-Dichlorobenzene	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:10	1
1,3-Dichlorobenzene	ND		9.6	3.0	ug/L		08/13/20 13:07	08/14/20 14:10	1
1,4-Dichlorobenzene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,4-Dichlorophenol	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,6-Dichlorophenol	ND		9.6	1.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
Diethyl phthalate	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,4-Dimethylphenol	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:10	1
Dimethyl phthalate	ND		9.6	2.5	ug/L		08/13/20 13:07	08/14/20 14:10	1
Di-n-butyl phthalate	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:10	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,4-Dinitrophenol	ND		48	13	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,4-Dinitrotoluene	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,6-Dinitrotoluene	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:10	1
Di-n-octyl phthalate	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
Fluoranthene	ND		9.6	3.0	ug/L		08/13/20 13:07	08/14/20 14:10	1
Fluorene	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:10	1
Hexachlorobenzene	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:10	1
Hexachloro-1,3-butadiene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:10	1
Hexachlorocyclopentadiene	ND		24	6.6	ug/L		08/13/20 13:07	08/14/20 14:10	1
Hexachloroethane	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:10	1
Indeno[1,2,3-cd]pyrene	ND		9.6	2.0	ug/L		08/13/20 13:07	08/14/20 14:10	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
1-Methylnaphthalene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
2-Methylnaphthalene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
2-Methylphenol	ND		9.6	2.0	ug/L		08/13/20 13:07	08/14/20 14:10	1
3 & 4 Methylphenol	ND		9.6	2.1	ug/L		08/13/20 13:07	08/14/20 14:10	1
Naphthalene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
2-Nitroaniline	ND		9.6	2.1	ug/L		08/13/20 13:07	08/14/20 14:10	1
3-Nitroaniline	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:10	1
4-Nitroaniline	ND		9.6	2.0	ug/L		08/13/20 13:07	08/14/20 14:10	1
Nitrobenzene	ND		24	2.9	ug/L		08/13/20 13:07	08/14/20 14:10	1
2-Nitrophenol	ND		9.6	2.5	ug/L		08/13/20 13:07	08/14/20 14:10	1
4-Nitrophenol	ND		9.6	1.5	ug/L		08/13/20 13:07	08/14/20 14:10	1
N-Nitrosodimethylamine	ND		9.6	3.1	ug/L		08/13/20 13:07	08/14/20 14:10	1
N-Nitrosodi-n-propylamine	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:10	1
N-Nitrosodiphenylamine	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:10	1
Pentachlorophenol	ND		9.6	4.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
Phenanthrene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:10	1
Phenol	ND		9.6	2.0	ug/L		08/13/20 13:07	08/14/20 14:10	1
Pyrene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:10	1
Pyridine	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:10	1
1,2,4-Trichlorobenzene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,4,5-Trichlorophenol	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1
2,4,6-Trichlorophenol	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*61*		*45 - 120*	*08/13/20 13:07*	*08/14/20 14:10*	*1*
2-Fluorophenol (Surr)	*45*		*15 - 138*	*08/13/20 13:07*	*08/14/20 14:10*	*1*
Nitrobenzene-d5 (Surr)	*63*		*56 - 123*	*08/13/20 13:07*	*08/14/20 14:10*	*1*
Phenol-d6 (Surr)	*30*		*17 - 141*	*08/13/20 13:07*	*08/14/20 14:10*	*1*
p-Terphenyl-d14 (Surr)	*86*		*46 - 133*	*08/13/20 13:07*	*08/14/20 14:10*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*32 - 143*	*08/13/20 13:07*	*08/14/20 14:10*	*1*

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
Acenaphthylene	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 20:48	1
Aniline	ND		9.5	1.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
Anthracene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 20:48	1
Azobenzene	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzidine	ND		48	6.2	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzo[a]anthracene	ND		9.5	4.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzo[a]pyrene	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzo[b]fluoranthene	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzo[g,h,i]perylene	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzoic acid	ND		48	12	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzo[k]fluoranthene	ND		9.5	3.1	ug/L		08/13/20 13:07	08/14/20 20:48	1
Benzyl alcohol	ND		9.5	2.1	ug/L		08/13/20 13:07	08/14/20 20:48	1
Bis(2-chloroethoxy)methane	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		24	2.3	ug/L		08/13/20 13:07	08/14/20 20:48	1
bis (2-Chloroisopropyl) ether	ND		9.5	3.1	ug/L		08/13/20 13:07	08/14/20 20:48	1
Bis(2-ethylhexyl) phthalate	ND		9.5	3.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
4-Bromophenyl phenyl ether	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 20:48	1
Butyl benzyl phthalate	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
4-Chloroaniline	ND		9.5	1.9	ug/L		08/13/20 13:07	08/14/20 20:48	1
4-Chloro-3-methylphenol	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 20:48	1
2-Chloronaphthalene	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 20:48	1
2-Chlorophenol	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 20:48	1
4-Chlorophenyl phenyl ether	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 20:48	1
Chrysene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
Dibenz(a,h)anthracene	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
Dibenzofuran	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
1,2-Dichlorobenzene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 20:48	1
1,3-Dichlorobenzene	ND		9.5	3.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
1,4-Dichlorobenzene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,4-Dichlorophenol	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,6-Dichlorophenol	ND		9.5	1.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
Diethyl phthalate	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,4-Dimethylphenol	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 20:48	1
Dimethyl phthalate	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 20:48	1
Di-n-butyl phthalate	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 20:48	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,4-Dinitrophenol	ND		48	13	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,4-Dinitrotoluene	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,6-Dinitrotoluene	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 20:48	1
Di-n-octyl phthalate	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
Fluoranthene	ND		9.5	3.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
Fluorene	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 20:48	1
Hexachlorobenzene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 20:48	1
Hexachloro-1,3-butadiene	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 20:48	1
Hexachlorocyclopentadiene	ND		24	6.6	ug/L		08/13/20 13:07	08/14/20 20:48	1
Hexachloroethane	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 20:48	1
Indeno[1,2,3-cd]pyrene	ND		9.5	2.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
Isophorone	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
1-Methylnaphthalene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
2-Methylnaphthalene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
2-Methylphenol	ND		9.5	2.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
3 & 4 Methylphenol	ND		9.5	2.1	ug/L		08/13/20 13:07	08/14/20 20:48	1
Naphthalene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
2-Nitroaniline	ND		9.5	2.1	ug/L		08/13/20 13:07	08/14/20 20:48	1
3-Nitroaniline	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 20:48	1
4-Nitroaniline	ND		9.5	2.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
Nitrobenzene	ND		24	2.9	ug/L		08/13/20 13:07	08/14/20 20:48	1
2-Nitrophenol	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 20:48	1
4-Nitrophenol	ND		9.5	1.5	ug/L		08/13/20 13:07	08/14/20 20:48	1
N-Nitrosodimethylamine	ND		9.5	3.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
N-Nitrosodi-n-propylamine	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 20:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 20:48	1
Pentachlorophenol	ND		9.5	4.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
Phenanthrene	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 20:48	1
Phenol	ND		9.5	2.0	ug/L		08/13/20 13:07	08/14/20 20:48	1
Pyrene	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 20:48	1
Pyridine	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 20:48	1
1,2,4-Trichlorobenzene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,4,5-Trichlorophenol	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1
2,4,6-Trichlorophenol	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*55*		*45 - 120*	*08/13/20 13:07*	*08/14/20 20:48*	*1*
2-Fluorophenol (Surr)	*43*		*15 - 138*	*08/13/20 13:07*	*08/14/20 20:48*	*1*
Nitrobenzene-d5 (Surr)	*59*		*56 - 123*	*08/13/20 13:07*	*08/14/20 20:48*	*1*
Phenol-d6 (Surr)	*27*		*17 - 141*	*08/13/20 13:07*	*08/14/20 20:48*	*1*
p-Terphenyl-d14 (Surr)	*79*		*46 - 133*	*08/13/20 13:07*	*08/14/20 20:48*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*32 - 143*	*08/13/20 13:07*	*08/14/20 20:48*	*1*

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
Acenaphthylene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:48	1
Aniline	ND		9.6	1.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
Anthracene	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:48	1
Azobenzene	ND		9.6	2.5	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzidine	ND		48	6.3	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzo[a]anthracene	ND		9.6	4.5	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzo[a]pyrene	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzo[b]fluoranthene	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzo[g,h,i]perylene	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzoic acid	ND		48	12	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzo[k]fluoranthene	ND		9.6	3.1	ug/L		08/13/20 13:07	08/14/20 14:48	1
Benzyl alcohol	ND		9.6	2.1	ug/L		08/13/20 13:07	08/14/20 14:48	1
Bis(2-chloroethoxy)methane	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
Bis(2-chloroethyl)ether	ND		24	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
bis (2-Chloroisopropyl) ether	ND		9.6	3.1	ug/L		08/13/20 13:07	08/14/20 14:48	1
Bis(2-ethylhexyl) phthalate	ND		9.6	3.0	ug/L		08/13/20 13:07	08/14/20 14:48	1
4-Bromophenyl phenyl ether	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:48	1
Butyl benzyl phthalate	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
4-Chloroaniline	ND		9.6	1.9	ug/L		08/13/20 13:07	08/14/20 14:48	1
4-Chloro-3-methylphenol	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:48	1
2-Chloronaphthalene	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:48	1
2-Chlorophenol	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:48	1
4-Chlorophenyl phenyl ether	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:48	1
Chrysene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
Dibenz(a,h)anthracene	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
Dibenzofuran	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
1,2-Dichlorobenzene	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		9.6	3.0	ug/L		08/13/20 13:07	08/14/20 14:48	1
1,4-Dichlorobenzene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:48	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,4-Dichlorophenol	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,6-Dichlorophenol	ND		9.6	1.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
Diethyl phthalate	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,4-Dimethylphenol	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:48	1
Dimethyl phthalate	ND		9.6	2.5	ug/L		08/13/20 13:07	08/14/20 14:48	1
Di-n-butyl phthalate	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:48	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,4-Dinitrophenol	ND		48	13	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,4-Dinitrotoluene	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,6-Dinitrotoluene	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:48	1
Di-n-octyl phthalate	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
Fluoranthene	ND		9.6	3.0	ug/L		08/13/20 13:07	08/14/20 14:48	1
Fluorene	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:48	1
Hexachlorobenzene	ND		9.6	3.0	ug/L		08/13/20 13:07	08/14/20 14:48	1
Hexachloro-1,3-butadiene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:48	1
Hexachlorocyclopentadiene	ND		24	6.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
Hexachloroethane	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:48	1
Indeno[1,2,3-cd]pyrene	ND		9.6	2.1	ug/L		08/13/20 13:07	08/14/20 14:48	1
Isophorone	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
1-Methylnaphthalene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
2-Methylnaphthalene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
2-Methylphenol	ND		9.6	2.0	ug/L		08/13/20 13:07	08/14/20 14:48	1
3 & 4 Methylphenol	ND		9.6	2.1	ug/L		08/13/20 13:07	08/14/20 14:48	1
Naphthalene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:48	1
2-Nitroaniline	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:48	1
3-Nitroaniline	ND		9.6	2.2	ug/L		08/13/20 13:07	08/14/20 14:48	1
4-Nitroaniline	ND		9.6	2.0	ug/L		08/13/20 13:07	08/14/20 14:48	1
Nitrobenzene	ND		24	2.9	ug/L		08/13/20 13:07	08/14/20 14:48	1
2-Nitrophenol	ND		9.6	2.5	ug/L		08/13/20 13:07	08/14/20 14:48	1
4-Nitrophenol	ND		9.6	1.5	ug/L		08/13/20 13:07	08/14/20 14:48	1
N-Nitrosodimethylamine	ND		9.6	3.1	ug/L		08/13/20 13:07	08/14/20 14:48	1
N-Nitrosodi-n-propylamine	ND		9.6	2.3	ug/L		08/13/20 13:07	08/14/20 14:48	1
N-Nitrosodiphenylamine	ND		9.6	2.6	ug/L		08/13/20 13:07	08/14/20 14:48	1
Pentachlorophenol	ND		9.6	4.5	ug/L		08/13/20 13:07	08/14/20 14:48	1
Phenanthrene	ND		9.6	2.8	ug/L		08/13/20 13:07	08/14/20 14:48	1
Phenol	ND		9.6	2.0	ug/L		08/13/20 13:07	08/14/20 14:48	1
Pyrene	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:48	1
Pyridine	ND		9.6	2.9	ug/L		08/13/20 13:07	08/14/20 14:48	1
1,2,4-Trichlorobenzene	ND		9.6	2.7	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,4,5-Trichlorophenol	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1
2,4,6-Trichlorophenol	ND		9.6	2.4	ug/L		08/13/20 13:07	08/14/20 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*45 - 120*	*08/13/20 13:07*	*08/14/20 14:48*	*1*
2-Fluorophenol (Surr)	*53*		*15 - 138*	*08/13/20 13:07*	*08/14/20 14:48*	*1*
Nitrobenzene-d5 (Surr)	*66*		*56 - 123*	*08/13/20 13:07*	*08/14/20 14:48*	*1*
Phenol-d6 (Surr)	*32*		*17 - 141*	*08/13/20 13:07*	*08/14/20 14:48*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*75*		*46 - 133*	*08/13/20 13:07*	*08/14/20 14:48*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*32 - 143*	*08/13/20 13:07*	*08/14/20 14:48*	*1*

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
Acenaphthylene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
Aniline	ND		9.5	1.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
Anthracene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
Azobenzene	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzidine	ND		47	6.2	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzo[a]anthracene	ND		9.5	4.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzo[a]pyrene	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzo[b]fluoranthene	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzo[g,h,i]perylene	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzoic acid	ND		47	12	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzo[k]fluoranthene	ND		9.5	3.1	ug/L		08/13/20 13:07	08/14/20 15:07	1
Benzyl alcohol	ND		9.5	2.1	ug/L		08/13/20 13:07	08/14/20 15:07	1
Bis(2-chloroethoxy)methane	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
Bis(2-chloroethyl)ether	ND		24	2.3	ug/L		08/13/20 13:07	08/14/20 15:07	1
bis (2-Chloroisopropyl) ether	ND		9.5	3.1	ug/L		08/13/20 13:07	08/14/20 15:07	1
Bis(2-ethylhexyl) phthalate	ND		9.5	3.0	ug/L		08/13/20 13:07	08/14/20 15:07	1
4-Bromophenyl phenyl ether	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 15:07	1
Butyl benzyl phthalate	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 15:07	1
4-Chloroaniline	ND		9.5	1.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
4-Chloro-3-methylphenol	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 15:07	1
2-Chloronaphthalene	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 15:07	1
2-Chlorophenol	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 15:07	1
4-Chlorophenyl phenyl ether	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 15:07	1
Chrysene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
Dibenz(a,h)anthracene	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
Dibenzofuran	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
1,2-Dichlorobenzene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
1,3-Dichlorobenzene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
1,4-Dichlorobenzene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,4-Dichlorophenol	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,6-Dichlorophenol	ND		9.5	1.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
Diethyl phthalate	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,4-Dimethylphenol	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 15:07	1
Dimethyl phthalate	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 15:07	1
Di-n-butyl phthalate	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 15:07	1
4,6-Dinitro-2-methylphenol	ND		47	13	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,4-Dinitrophenol	ND		47	13	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,4-Dinitrotoluene	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,6-Dinitrotoluene	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 15:07	1
Di-n-octyl phthalate	ND		9.5	2.3	ug/L		08/13/20 13:07	08/14/20 15:07	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
Fluorene	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 15:07	1
Hexachlorobenzene	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
Hexachloro-1,3-butadiene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
Hexachlorocyclopentadiene	ND		24	6.6	ug/L		08/13/20 13:07	08/14/20 15:07	1
Hexachloroethane	ND		9.5	2.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
Indeno[1,2,3-cd]pyrene	ND		9.5	2.0	ug/L		08/13/20 13:07	08/14/20 15:07	1
Isophorone	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
1-Methylnaphthalene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
2-Methylnaphthalene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
2-Methylphenol	ND		9.5	2.0	ug/L		08/13/20 13:07	08/14/20 15:07	1
3 & 4 Methylphenol	ND		9.5	2.1	ug/L		08/13/20 13:07	08/14/20 15:07	1
Naphthalene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
2-Nitroaniline	ND		9.5	2.1	ug/L		08/13/20 13:07	08/14/20 15:07	1
3-Nitroaniline	ND		9.5	2.1	ug/L		08/13/20 13:07	08/14/20 15:07	1
4-Nitroaniline	ND		9.5	2.0	ug/L		08/13/20 13:07	08/14/20 15:07	1
Nitrobenzene	ND		24	2.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
2-Nitrophenol	ND		9.5	2.5	ug/L		08/13/20 13:07	08/14/20 15:07	1
4-Nitrophenol	ND		9.5	1.5	ug/L		08/13/20 13:07	08/14/20 15:07	1
N-Nitrosodimethylamine	ND		9.5	3.0	ug/L		08/13/20 13:07	08/14/20 15:07	1
N-Nitrosodi-n-propylamine	ND		9.5	2.2	ug/L		08/13/20 13:07	08/14/20 15:07	1
N-Nitrosodiphenylamine	ND		9.5	2.6	ug/L		08/13/20 13:07	08/14/20 15:07	1
Pentachlorophenol	ND		9.5	4.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
Phenanthrene	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 15:07	1
Phenol	ND		9.5	1.9	ug/L		08/13/20 13:07	08/14/20 15:07	1
Pyrene	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 15:07	1
Pyridine	ND		9.5	2.8	ug/L		08/13/20 13:07	08/14/20 15:07	1
1,2,4-Trichlorobenzene	ND		9.5	2.7	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,4,5-Trichlorophenol	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 15:07	1
2,4,6-Trichlorophenol	ND		9.5	2.4	ug/L		08/13/20 13:07	08/14/20 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*57*		*45 - 120*	*08/13/20 13:07*	*08/14/20 15:07*	*1*
2-Fluorophenol (Surr)	*42*		*15 - 138*	*08/13/20 13:07*	*08/14/20 15:07*	*1*
Nitrobenzene-d5 (Surr)	*58*		*56 - 123*	*08/13/20 13:07*	*08/14/20 15:07*	*1*
Phenol-d6 (Surr)	*27*		*17 - 141*	*08/13/20 13:07*	*08/14/20 15:07*	*1*
p-Terphenyl-d14 (Surr)	*77*		*46 - 133*	*08/13/20 13:07*	*08/14/20 15:07*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*32 - 143*	*08/13/20 13:07*	*08/14/20 15:07*	*1*

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.4	2.6	ug/L		08/13/20 13:07	08/14/20 19:13	1
Acenaphthylene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
Aniline	ND		9.4	1.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
Anthracene	ND		9.4	2.8	ug/L		08/13/20 13:07	08/14/20 19:13	1
Azobenzene	ND		9.4	2.5	ug/L		08/13/20 13:07	08/14/20 19:13	1
Benzidine	ND		47	6.2	ug/L		08/13/20 13:07	08/14/20 19:13	1
Benzo[a]anthracene	ND		9.4	4.4	ug/L		08/13/20 13:07	08/14/20 19:13	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		9.4	2.3	ug/L		08/13/20 13:07	08/14/20 19:13	1
Benzo[b]fluoranthene	ND		9.4	2.1	ug/L		08/13/20 13:07	08/14/20 19:13	1
Benzo[g,h,i]perylene	ND		9.4	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
Benzoic acid	ND		47	11	ug/L		08/13/20 13:07	08/14/20 19:13	1
Benzo[k]fluoranthene	ND		9.4	3.1	ug/L		08/13/20 13:07	08/14/20 19:13	1
Benzyl alcohol	ND		9.4	2.1	ug/L		08/13/20 13:07	08/14/20 19:13	1
Bis(2-chloroethoxy)methane	ND		9.4	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
Bis(2-chloroethyl)ether	ND		24	2.3	ug/L		08/13/20 13:07	08/14/20 19:13	1
bis (2-Chloroisopropyl) ether	ND		9.4	3.0	ug/L		08/13/20 13:07	08/14/20 19:13	1
Bis(2-ethylhexyl) phthalate	ND		9.4	3.0	ug/L		08/13/20 13:07	08/14/20 19:13	1
4-Bromophenyl phenyl ether	ND		9.4	2.6	ug/L		08/13/20 13:07	08/14/20 19:13	1
Butyl benzyl phthalate	ND		9.4	2.3	ug/L		08/13/20 13:07	08/14/20 19:13	1
4-Chloroaniline	ND		9.4	1.9	ug/L		08/13/20 13:07	08/14/20 19:13	1
4-Chloro-3-methylphenol	ND		9.4	2.2	ug/L		08/13/20 13:07	08/14/20 19:13	1
2-Chloronaphthalene	ND		9.4	2.6	ug/L		08/13/20 13:07	08/14/20 19:13	1
2-Chlorophenol	ND		9.4	2.2	ug/L		08/13/20 13:07	08/14/20 19:13	1
4-Chlorophenyl phenyl ether	ND		9.4	2.5	ug/L		08/13/20 13:07	08/14/20 19:13	1
Chrysene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
Dibenz(a,h)anthracene	ND		9.4	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
Dibenzofuran	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
1,2-Dichlorobenzene	ND		9.4	2.9	ug/L		08/13/20 13:07	08/14/20 19:13	1
1,3-Dichlorobenzene	ND		9.4	2.9	ug/L		08/13/20 13:07	08/14/20 19:13	1
1,4-Dichlorobenzene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
3,3'-Dichlorobenzidine	ND		24	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,4-Dichlorophenol	ND		9.4	2.3	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,6-Dichlorophenol	ND		9.4	1.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
Diethyl phthalate	ND		9.4	2.6	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,4-Dimethylphenol	ND		9.4	2.3	ug/L		08/13/20 13:07	08/14/20 19:13	1
Dimethyl phthalate	ND		9.4	2.5	ug/L		08/13/20 13:07	08/14/20 19:13	1
Di-n-butyl phthalate	ND		9.4	2.8	ug/L		08/13/20 13:07	08/14/20 19:13	1
4,6-Dinitro-2-methylphenol	ND		47	13	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,4-Dinitrophenol	ND		47	13	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,4-Dinitrotoluene	ND		9.4	2.2	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,6-Dinitrotoluene	ND		9.4	2.2	ug/L		08/13/20 13:07	08/14/20 19:13	1
Di-n-octyl phthalate	ND		9.4	2.3	ug/L		08/13/20 13:07	08/14/20 19:13	1
Fluoranthene	ND		9.4	2.9	ug/L		08/13/20 13:07	08/14/20 19:13	1
Fluorene	ND	F1	9.4	2.6	ug/L		08/13/20 13:07	08/14/20 19:13	1
Hexachlorobenzene	ND		9.4	2.9	ug/L		08/13/20 13:07	08/14/20 19:13	1
Hexachloro-1,3-butadiene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
Hexachlorocyclopentadiene	ND		24	6.5	ug/L		08/13/20 13:07	08/14/20 19:13	1
Hexachloroethane	ND		9.4	2.8	ug/L		08/13/20 13:07	08/14/20 19:13	1
Indeno[1,2,3-cd]pyrene	ND		9.4	2.0	ug/L		08/13/20 13:07	08/14/20 19:13	1
Isophorone	ND		9.4	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
1-Methylnaphthalene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
2-Methylnaphthalene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
2-Methylphenol	ND		9.4	2.0	ug/L		08/13/20 13:07	08/14/20 19:13	1
3 & 4 Methylphenol	ND		9.4	2.1	ug/L		08/13/20 13:07	08/14/20 19:13	1
Naphthalene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
2-Nitroaniline	ND		9.4	2.1	ug/L		08/13/20 13:07	08/14/20 19:13	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		9.4	2.1	ug/L		08/13/20 13:07	08/14/20 19:13	1
4-Nitroaniline	ND		9.4	2.0	ug/L		08/13/20 13:07	08/14/20 19:13	1
Nitrobenzene	ND		24	2.8	ug/L		08/13/20 13:07	08/14/20 19:13	1
2-Nitrophenol	ND		9.4	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
4-Nitrophenol	ND		9.4	1.5	ug/L		08/13/20 13:07	08/14/20 19:13	1
N-Nitrosodimethylamine	ND		9.4	3.0	ug/L		08/13/20 13:07	08/14/20 19:13	1
N-Nitrosodi-n-propylamine	ND		9.4	2.2	ug/L		08/13/20 13:07	08/14/20 19:13	1
N-Nitrosodiphenylamine	ND		9.4	2.6	ug/L		08/13/20 13:07	08/14/20 19:13	1
Pentachlorophenol	ND		9.4	4.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
Phenanthrene	ND		9.4	2.8	ug/L		08/13/20 13:07	08/14/20 19:13	1
Phenol	ND		9.4	1.9	ug/L		08/13/20 13:07	08/14/20 19:13	1
Pyrene	ND		9.4	2.8	ug/L		08/13/20 13:07	08/14/20 19:13	1
Pyridine	ND		9.4	2.8	ug/L		08/13/20 13:07	08/14/20 19:13	1
1,2,4-Trichlorobenzene	ND		9.4	2.7	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,4,5-Trichlorophenol	ND		9.4	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1
2,4,6-Trichlorophenol	ND		9.4	2.4	ug/L		08/13/20 13:07	08/14/20 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*53*		*45 - 120*	*08/13/20 13:07*	*08/14/20 19:13*	*1*
2-Fluorophenol (Surr)	*42*		*15 - 138*	*08/13/20 13:07*	*08/14/20 19:13*	*1*
Nitrobenzene-d5 (Surr)	*60*		*56 - 123*	*08/13/20 13:07*	*08/14/20 19:13*	*1*
Phenol-d6 (Surr)	*26*		*17 - 141*	*08/13/20 13:07*	*08/14/20 19:13*	*1*
p-Terphenyl-d14 (Surr)	*86*		*46 - 133*	*08/13/20 13:07*	*08/14/20 19:13*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*32 - 143*	*08/13/20 13:07*	*08/14/20 19:13*	*1*

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4900**		100	36	mg/L			08/12/20 22:57	100
Nitrate as N	**86**		10	2.4	mg/L			08/12/20 22:57	100
Orthophosphate as P	ND		0.50	0.38	mg/L			08/12/20 18:55	5
Sulfate	**370**		5.0	1.2	mg/L			08/12/20 02:03	5

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5500**		100	36	mg/L			08/12/20 23:17	100
Nitrate as N	**95**		10	2.4	mg/L			08/12/20 23:17	100
Orthophosphate as P	ND		0.50	0.38	mg/L			08/12/20 19:56	5
Sulfate	**370**		5.0	1.2	mg/L			08/12/20 02:59	5

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2500**		100	36	mg/L			08/12/20 23:38	100
Nitrate as N	**12**		0.50	0.12	mg/L			08/12/20 03:18	5
Orthophosphate as P	ND		0.50	0.38	mg/L			08/12/20 20:16	5
Sulfate	**440**		100	24	mg/L			08/12/20 23:38	100

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7200**		100	36	mg/L			08/13/20 01:41	100
Nitrate as N	**13**		1.0	0.24	mg/L			08/12/20 03:37	10
Orthophosphate as P	ND		1.0	0.76	mg/L			08/12/20 20:36	10
Sulfate	**610**		10	2.4	mg/L			08/12/20 03:37	10

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4300**		100	36	mg/L			08/13/20 02:01	100
Nitrate as N	**13**		0.50	0.12	mg/L			08/12/20 03:56	5
Orthophosphate as P	ND	F1	0.50	0.38	mg/L			08/12/20 20:57	5
Sulfate	**520**		100	24	mg/L			08/13/20 02:01	100

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:15	1
Barium	**0.242**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:15	1
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:15	1
Calcium	**631**		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:15	1
Chromium	**0.0125**	**J**	0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:15	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:15	1
Iron	**0.204**	**J**	0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:15	1
Lead	**0.0423**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:15	1
Magnesium	**218**		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:15	1
Manganese	**0.00416**	**J**	0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:15	1
Molybdenum	**0.0222**	**J**	0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:15	1
Nickel	**0.0346**	**J**	0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:15	1
Potassium	**21.1**		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:15	1
Selenium	**0.0346**	**J**	0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:15	1
Silver	**0.00490**	**J B**	0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:15	1
Sodium	**2750**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:25	10
Thallium	**0.0216**	**J**	0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:15	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:15	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:15	1

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:18	1
Barium	**0.242**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:18	1
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:18	1
Calcium	**632**		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:18	1
Chromium	**0.0116**	**J**	0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:18	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:18	1
Iron	**0.138**	**J**	0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:18	1
Lead	**0.0487**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:18	1
Magnesium	**216**		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:18	1
Manganese	ND		0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:18	1
Molybdenum	**0.00792**	**J**	0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:18	1
Nickel	**0.0317**	**J**	0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:18	1
Potassium	**21.1**		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:18	1
Selenium	ND		0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:18	1
Silver	ND		0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:18	1
Sodium	**2830**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:27	10
Thallium	**0.0292**	**J**	0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:18	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:18	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:18	1

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:20	1
Barium	**0.0326**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:20	1

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:20	1
Calcium	**369**		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:20	1
Chromium	ND		0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:20	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:20	1
Iron	ND		0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:20	1
Lead	**0.0439**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:20	1
Magnesium	**45.3**		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:20	1
Manganese	**0.00447**	**J**	0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:20	1
Molybdenum	**0.115**		0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:20	1
Nickel	**0.892**		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:20	1
Potassium	**14.6**		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:20	1
Selenium	**0.0311**	**J**	0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:20	1
Silver	ND		0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:20	1
Sodium	**1550**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:29	10
Thallium	ND		0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:20	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:20	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:20	1

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:30	1
Barium	**0.0618**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:30	1
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:30	1
Calcium	**921**		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:30	1
Chromium	**0.0145**	**J**	0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:30	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:30	1
Iron	**0.186**	**J**	0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:30	1
Lead	**0.0320**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:30	1
Magnesium	**279**		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:30	1
Manganese	**0.0518**		0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:30	1
Molybdenum	**0.0183**	**J**	0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:30	1
Nickel	**1.18**		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:30	1
Potassium	**16.7**		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:30	1
Selenium	**0.0345**	**J**	0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:30	1
Silver	**0.0120**	**B**	0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:30	1
Sodium	**3470**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:31	10
Thallium	ND		0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:30	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:30	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:30	1

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:09	1
Barium	**0.0483**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:09	1
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:09	1
Calcium	**531**		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:09	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0106**	**J**	0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:09	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:09	1
Iron	ND		0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:09	1
Lead	**0.0476**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:09	1
Magnesium	**103**		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:09	1
Manganese	**0.0179**	**J**	0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:09	1
Molybdenum	**0.0562**		0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:09	1
Nickel	**1.46**		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:09	1
Potassium	**16.1**	**F1**	2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:09	1
Selenium	**0.0247**	**J**	0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:09	1
Silver	**0.00351**	**J B**	0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:09	1
Sodium	**2210**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:18	10
Thallium	ND	F1	0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:09	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:09	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:09	1

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:28	1

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:30	1

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:33	1

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00157**		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:35	1

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:17	1

General Chemistry

Client Sample ID: MW-13
Date Collected: 08/11/20 08:07
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**455**		5.00	1.69	mg/L			08/13/20 20:49	1
Bicarbonate (as CaCO3)	**455**		5.00	1.69	mg/L			08/13/20 20:49	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 20:49	1
Total Dissolved Solids	**10000**		2.00	1.74	mg/L			08/13/20 12:51	1

Client Sample ID: Program Well Dup
Date Collected: 08/11/20 00:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**445**		5.00	1.69	mg/L			08/13/20 20:55	1
Bicarbonate (as CaCO3)	**445**		5.00	1.69	mg/L			08/13/20 20:55	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 20:55	1
Total Dissolved Solids	**10400**		2.00	1.74	mg/L			08/13/20 12:51	1

Client Sample ID: MW-08
Date Collected: 08/11/20 10:33
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**138**		5.00	1.69	mg/L			08/13/20 21:02	1
Bicarbonate (as CaCO3)	**138**		5.00	1.69	mg/L			08/13/20 21:02	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 21:02	1
Total Dissolved Solids	**6190**		1.00	0.870	mg/L			08/13/20 12:51	1

Client Sample ID: MW-02
Date Collected: 08/11/20 12:54
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**110**		5.00	1.69	mg/L			08/13/20 21:08	1
Bicarbonate (as CaCO3)	**110**		5.00	1.69	mg/L			08/13/20 21:08	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 21:08	1
Total Dissolved Solids	**16200**		4.00	3.48	mg/L			08/13/20 12:51	1

Client Sample ID: MW-03
Date Collected: 08/11/20 14:05
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35586-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**132**		5.00	1.69	mg/L			08/13/20 21:14	1
Bicarbonate (as CaCO3)	**132**		5.00	1.69	mg/L			08/13/20 21:14	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 21:14	1
Total Dissolved Solids	**9230**		2.00	1.74	mg/L			08/13/20 12:51	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-35586-1	MW-13	95	95	104	101
570-35586-2	Program Well Dup	101	97	106	104
570-35586-2 - DL	Program Well Dup	97	101	105	100
570-35586-3	MW-08	96	95	105	101
570-35586-4	MW-02	103	99	107	101
570-35586-5	MW-03	99	98	106	102
570-35586-5 - RA	MW-03	103	99	107	98
570-35586-5 MS	MW-03	106	96	104	105
570-35586-5 MSD	MW-03	106	99	106	104
570-35586-6	QCTB	103	96	100	99
570-35586-7	QCEB	99	96	101	103
LCS 570-87321/3	Lab Control Sample	103	96	95	103
LCS 570-87532/3	Lab Control Sample	105	98	99	105
LCS 570-88196/4	Lab Control Sample	100	102	105	100
LCSD 570-87321/4	Lab Control Sample Dup	104	95	96	102
LCSD 570-87532/4	Lab Control Sample Dup	104	99	102	104
LCSD 570-88196/5	Lab Control Sample Dup	100	100	103	99
MB 570-87321/6	Method Blank	98	91	95	99
MB 570-87532/6	Method Blank	99	96	102	99
MB 570-88196/8	Method Blank	92	102	111	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL6	TPHd14	TBP
Lab Sample ID	Client Sample ID	(45-120)	(15-138)	(56-123)	(17-141)	(46-133)	(32-143)
570-35586-1	MW-13	61	45	63	30	86	84
570-35586-2	Program Well Dup	55	43	59	27	79	77
570-35586-3	MW-08	62	53	66	32	75	72
570-35586-4	MW-02	57	42	58	27	77	66
570-35586-5	MW-03	53	42	60	26	86	78
570-35586-5 MS	MW-03	64	55	70	35	79	76
570-35586-5 MSD	MW-03	66	55	72	35	81	78
LCS 570-87594/2-A	Lab Control Sample	71	62	78	40	89	91
LCSD 570-87594/3-A	Lab Control Sample Dup	65	58	73	38	83	82
MB 570-87594/1-A	Method Blank	57	55	68	34	81	74

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-87321/6
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/12/20 10:11	1
Benzene	ND		0.50	0.072	ug/L			08/12/20 10:11	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 10:11	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 10:11	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 10:11	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 10:11	1
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 10:11	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 10:11	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 10:11	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 10:11	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/12/20 10:11	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 10:11	1
Chloroform	ND		0.50	0.062	ug/L			08/12/20 10:11	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 10:11	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 10:11	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 10:11	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/12/20 10:11	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 10:11	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 10:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 10:11	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 10:11	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 10:11	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 10:11	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 10:11	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 10:11	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 10:11	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/12/20 10:11	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 10:11	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/12/20 10:11	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 10:11	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 10:11	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 10:11	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 10:11	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 10:11	1
Ethanol	ND		50	20	ug/L			08/12/20 10:11	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 10:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 10:11	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 10:11	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 10:11	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/12/20 10:11	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 10:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 10:11	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 10:11	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 10:11	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 10:11	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 10:11	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 10:11	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 10:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87321/6
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 10:11	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 10:11	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 10:11	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 10:11	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 10:11	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 10:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 10:11	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 10:11	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 10:11	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/12/20 10:11	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 10:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 10:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 10:11	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 10:11	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 10:11	1
Trichloroethene	ND		0.50	0.10	ug/L			08/12/20 10:11	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 10:11	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 10:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 10:11	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 10:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 10:11	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 10:11	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/12/20 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68 - 120*		*08/12/20 10:11*	*1*
Dibromofluoromethane	*91*		*80 - 127*		*08/12/20 10:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*		*08/12/20 10:11*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/12/20 10:11*	*1*

Lab Sample ID: LCS 570-87321/3
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.728		ug/L		97	80 - 120
Carbon tetrachloride	10.0	9.800		ug/L		98	80 - 129
Chlorobenzene	10.0	9.865		ug/L		99	80 - 120
1,2-Dibromoethane	10.0	9.832		ug/L		98	80 - 120
1,2-Dichlorobenzene	10.0	10.06		ug/L		101	80 - 120
1,2-Dichloroethane	10.0	9.982		ug/L		100	80 - 122
1,1-Dichloroethene	10.0	9.239		ug/L		92	77 - 120
Di-isopropyl ether (DIPE)	10.0	9.942		ug/L		99	73 - 121
Ethanol	100	73.66		ug/L		74	73 - 133
Ethylbenzene	10.0	10.48		ug/L		105	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	10.71		ug/L		107	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	10.05		ug/L		101	75 - 123
m,p-Xylene	20.0	21.43		ug/L		107	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87321/3
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	10.86		ug/L		109	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.12		ug/L		111	80 - 120		
tert-Butyl alcohol (TBA)			50.0	46.89		ug/L		94	80 - 120		
Toluene			10.0	10.15		ug/L		102	80 - 120		
Trichloroethene			10.0	10.11		ug/L		101	80 - 120		
Vinyl chloride			10.0	8.829		ug/L		88	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*68 - 120*
Dibromofluoromethane	*96*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-87321/4
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	9.638		ug/L		96	80 - 120	1	22
Carbon tetrachloride			10.0	9.490		ug/L		95	80 - 129	3	36
Chlorobenzene			10.0	9.938		ug/L		99	80 - 120	1	29
1,2-Dibromoethane			10.0	10.40		ug/L		104	80 - 120	6	32
1,2-Dichlorobenzene			10.0	10.41		ug/L		104	80 - 120	3	30
1,2-Dichloroethane			10.0	10.43		ug/L		104	80 - 122	4	23
1,1-Dichloroethene			10.0	8.596		ug/L		86	77 - 120	7	26
Di-isopropyl ether (DIPE)			10.0	10.17		ug/L		102	73 - 121	2	26
Ethanol			100	92.29		ug/L		92	73 - 133	22	30
Ethylbenzene			10.0	10.47		ug/L		105	80 - 120	0	25
Ethyl-t-butyl ether (ETBE)			10.0	10.89		ug/L		109	76 - 124	2	30
Methyl-t-Butyl Ether (MTBE)			10.0	10.53		ug/L		105	75 - 123	5	27
m,p-Xylene			20.0	21.56		ug/L		108	80 - 120	1	30
o-Xylene			10.0	11.00		ug/L		110	80 - 120	1	30
Tert-amyl-methyl ether (TAME)			10.0	11.47		ug/L		115	80 - 120	3	24
tert-Butyl alcohol (TBA)			50.0	55.45		ug/L		111	80 - 120	17	30
Toluene			10.0	10.10		ug/L		101	80 - 120	1	28
Trichloroethene			10.0	9.957		ug/L		100	80 - 120	2	25
Vinyl chloride			10.0	8.768		ug/L		88	63 - 135	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*68 - 120*
Dibromofluoromethane	*95*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87532/6
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/13/20 10:23	1
Benzene	ND		0.50	0.072	ug/L			08/13/20 10:23	1
Bromobenzene	ND		0.50	0.061	ug/L			08/13/20 10:23	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/13/20 10:23	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/13/20 10:23	1
Bromoform	ND		0.50	0.096	ug/L			08/13/20 10:23	1
Bromomethane	ND		2.0	0.99	ug/L			08/13/20 10:23	1
2-Butanone	ND		5.0	0.46	ug/L			08/13/20 10:23	1
Carbon disulfide	ND		10	0.39	ug/L			08/13/20 10:23	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/13/20 10:23	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/13/20 10:23	1
Chloroethane	ND		0.50	0.12	ug/L			08/13/20 10:23	1
Chloroform	0.07878	J	0.50	0.062	ug/L			08/13/20 10:23	1
Chloromethane	ND		5.0	2.0	ug/L			08/13/20 10:23	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/13/20 10:23	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/13/20 10:23	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/13/20 10:23	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/13/20 10:23	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/13/20 10:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/13/20 10:23	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/13/20 10:23	1
Dibromomethane	ND		0.50	0.13	ug/L			08/13/20 10:23	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/13/20 10:23	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/13/20 10:23	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/13/20 10:23	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/13/20 10:23	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/13/20 10:23	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/13/20 10:23	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/13/20 10:23	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/13/20 10:23	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/13/20 10:23	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/13/20 10:23	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/13/20 10:23	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/13/20 10:23	1
Ethanol	ND		50	20	ug/L			08/13/20 10:23	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/13/20 10:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/13/20 10:23	1
2-Hexanone	ND		10	0.50	ug/L			08/13/20 10:23	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/13/20 10:23	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/13/20 10:23	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/13/20 10:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/13/20 10:23	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/13/20 10:23	1
Naphthalene	ND		1.0	0.097	ug/L			08/13/20 10:23	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/13/20 10:23	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/13/20 10:23	1
o-Xylene	ND		0.50	0.086	ug/L			08/13/20 10:23	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/13/20 10:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87532/6
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/13/20 10:23	1
Styrene	ND		0.50	0.059	ug/L			08/13/20 10:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/13/20 10:23	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/13/20 10:23	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/13/20 10:23	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/13/20 10:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/13/20 10:23	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/13/20 10:23	1
Toluene	ND		0.50	0.093	ug/L			08/13/20 10:23	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/13/20 10:23	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/13/20 10:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/13/20 10:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/13/20 10:23	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/13/20 10:23	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/13/20 10:23	1
Trichloroethene	ND		0.50	0.10	ug/L			08/13/20 10:23	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/13/20 10:23	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/13/20 10:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/13/20 10:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/13/20 10:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/13/20 10:23	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/13/20 10:23	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/13/20 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*08/13/20 10:23*	*1*
Dibromofluoromethane	*96*		*80 - 127*		*08/13/20 10:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 128*		*08/13/20 10:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/13/20 10:23*	*1*

Lab Sample ID: LCS 570-87532/3
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.58		ug/L		106	80 - 120
Carbon tetrachloride	10.0	10.41		ug/L		104	80 - 129
Chlorobenzene	10.0	10.54		ug/L		105	80 - 120
1,2-Dibromoethane	10.0	10.55		ug/L		105	80 - 120
1,2-Dichlorobenzene	10.0	10.52		ug/L		105	80 - 120
1,2-Dichloroethane	10.0	11.44		ug/L		114	80 - 122
1,1-Dichloroethene	10.0	9.557		ug/L		96	77 - 120
Di-isopropyl ether (DIPE)	10.0	10.70		ug/L		107	73 - 121
Ethanol	100	89.21		ug/L		89	73 - 133
Ethylbenzene	10.0	11.13		ug/L		111	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	11.12		ug/L		111	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	10.56		ug/L		106	75 - 123
m,p-Xylene	20.0	22.70		ug/L		114	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87532/3
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	11.54		ug/L		115	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.87		ug/L		119	80 - 120		
tert-Butyl alcohol (TBA)			50.0	55.63		ug/L		111	80 - 120		
Toluene			10.0	10.92		ug/L		109	80 - 120		
Trichloroethene			10.0	10.72		ug/L		107	80 - 120		
Vinyl chloride			10.0	9.665		ug/L		97	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*68 - 120*
Dibromofluoromethane	*98*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: LCSD 570-87532/4
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.09		ug/L		101	80 - 120	5	22
Carbon tetrachloride			10.0	9.969		ug/L		100	80 - 129	4	36
Chlorobenzene			10.0	10.42		ug/L		104	80 - 120	1	29
1,2-Dibromoethane			10.0	10.62		ug/L		106	80 - 120	1	32
1,2-Dichlorobenzene			10.0	10.33		ug/L		103	80 - 120	2	30
1,2-Dichloroethane			10.0	11.01		ug/L		110	80 - 122	4	23
1,1-Dichloroethene			10.0	8.427		ug/L		84	77 - 120	13	26
Di-isopropyl ether (DIPE)			10.0	10.40		ug/L		104	73 - 121	3	26
Ethanol			100	73.49		ug/L		73	73 - 133	19	30
Ethylbenzene			10.0	10.67		ug/L		107	80 - 120	4	25
Ethyl-t-butyl ether (ETBE)			10.0	11.05		ug/L		110	76 - 124	1	30
Methyl-t-Butyl Ether (MTBE)			10.0	10.71		ug/L		107	75 - 123	1	27
m,p-Xylene			20.0	21.80		ug/L		109	80 - 120	4	30
o-Xylene			10.0	11.24		ug/L		112	80 - 120	3	30
Tert-amyl-methyl ether (TAME)			10.0	11.84		ug/L		118	80 - 120	0	24
tert-Butyl alcohol (TBA)			50.0	47.85		ug/L		96	80 - 120	15	30
Toluene			10.0	10.41		ug/L		104	80 - 120	5	28
Trichloroethene			10.0	10.30		ug/L		103	80 - 120	4	25
Vinyl chloride			10.0	9.127		ug/L		91	63 - 135	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 128*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 87532

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		10.0	9.795		ug/L		98	75 - 125
Carbon tetrachloride	ND		10.0	9.863		ug/L		99	69 - 135
Chlorobenzene	ND		10.0	9.976		ug/L		100	75 - 125
1,2-Dibromoethane	ND		10.0	10.52		ug/L		105	75 - 126
1,2-Dichlorobenzene	ND		10.0	10.10		ug/L		101	75 - 125
1,2-Dichloroethane	ND		10.0	10.75		ug/L		108	75 - 127
1,1-Dichloroethene	ND		10.0	9.022		ug/L		90	66 - 126
Di-isopropyl ether (DIPE)	ND		10.0	10.04		ug/L		100	64 - 136
Ethanol	ND		100	80.64		ug/L		81	73 - 133
Ethylbenzene	ND		10.0	10.38		ug/L		104	75 - 125
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.951		ug/L		100	73 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.23		ug/L		102	71 - 131
m,p-Xylene	ND		20.0	20.83		ug/L		104	75 - 125
o-Xylene	ND		10.0	10.84		ug/L		108	75 - 127
Tert-amyl-methyl ether (TAME)	ND		10.0	10.91		ug/L		109	75 - 125
tert-Butyl alcohol (TBA)	ND		50.0	49.35		ug/L		99	20 - 180
Toluene	ND		10.0	10.21		ug/L		102	75 - 125
Trichloroethene	0.52		10.0	10.23		ug/L		97	75 - 125
Vinyl chloride	ND		10.0	8.948		ug/L		89	52 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*68 - 120*
Dibromofluoromethane	*96*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 87532

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		10.0	10.13		ug/L		101	75 - 125	3	20
Carbon tetrachloride	ND		10.0	10.58		ug/L		106	69 - 135	7	20
Chlorobenzene	ND		10.0	10.35		ug/L		104	75 - 125	4	20
1,2-Dibromoethane	ND		10.0	11.15		ug/L		112	75 - 126	6	20
1,2-Dichlorobenzene	ND		10.0	10.57		ug/L		106	75 - 125	4	20
1,2-Dichloroethane	ND		10.0	11.22		ug/L		112	75 - 127	4	20
1,1-Dichloroethene	ND		10.0	9.832		ug/L		98	66 - 126	9	20
Di-isopropyl ether (DIPE)	ND		10.0	10.78		ug/L		108	64 - 136	7	20
Ethanol	ND		100	82.86		ug/L		83	73 - 133	3	27
Ethylbenzene	ND		10.0	10.80		ug/L		108	75 - 125	4	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	10.81		ug/L		108	73 - 133	8	20
Methyl-t-Butyl Ether (MTBE)	ND		10.0	11.08		ug/L		111	71 - 131	8	20
m,p-Xylene	ND		20.0	21.62		ug/L		108	75 - 125	4	20
o-Xylene	ND		10.0	11.34		ug/L		113	75 - 127	5	20
Tert-amyl-methyl ether (TAME)	ND		10.0	11.56		ug/L		116	75 - 125	6	20
tert-Butyl alcohol (TBA)	ND		50.0	48.83		ug/L		98	20 - 180	1	40
Toluene	ND		10.0	10.56		ug/L		106	75 - 125	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 87532

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	0.52		10.0	10.72		ug/L		102	75 - 125	5	20
Vinyl chloride	ND		10.0	9.733		ug/L		97	52 - 142	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 570-88196/8
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/15/20 21:34	1
Benzene	ND		0.50	0.072	ug/L			08/15/20 21:34	1
Bromobenzene	ND		0.50	0.061	ug/L			08/15/20 21:34	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/15/20 21:34	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/15/20 21:34	1
Bromoform	ND		0.50	0.096	ug/L			08/15/20 21:34	1
Bromomethane	ND		2.0	0.99	ug/L			08/15/20 21:34	1
2-Butanone	ND		5.0	0.46	ug/L			08/15/20 21:34	1
Carbon disulfide	ND		10	0.39	ug/L			08/15/20 21:34	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/15/20 21:34	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/15/20 21:34	1
Chloroethane	ND		0.50	0.12	ug/L			08/15/20 21:34	1
Chloroform	ND		0.50	0.062	ug/L			08/15/20 21:34	1
Chloromethane	ND		5.0	2.0	ug/L			08/15/20 21:34	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/15/20 21:34	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/15/20 21:34	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/15/20 21:34	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/15/20 21:34	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/15/20 21:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/15/20 21:34	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/15/20 21:34	1
Dibromomethane	ND		0.50	0.13	ug/L			08/15/20 21:34	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/15/20 21:34	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/15/20 21:34	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/15/20 21:34	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/15/20 21:34	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/15/20 21:34	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/15/20 21:34	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/15/20 21:34	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/15/20 21:34	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/15/20 21:34	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/15/20 21:34	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/15/20 21:34	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/15/20 21:34	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88196/8
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		50	20	ug/L			08/15/20 21:34	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/15/20 21:34	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/15/20 21:34	1
2-Hexanone	ND		10	0.50	ug/L			08/15/20 21:34	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/15/20 21:34	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/15/20 21:34	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/15/20 21:34	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/15/20 21:34	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/15/20 21:34	1
Naphthalene	ND		1.0	0.097	ug/L			08/15/20 21:34	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/15/20 21:34	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/15/20 21:34	1
o-Xylene	ND		0.50	0.086	ug/L			08/15/20 21:34	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/15/20 21:34	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/15/20 21:34	1
Styrene	ND		0.50	0.059	ug/L			08/15/20 21:34	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/15/20 21:34	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/15/20 21:34	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/15/20 21:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/15/20 21:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/15/20 21:34	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/15/20 21:34	1
Toluene	ND		0.50	0.093	ug/L			08/15/20 21:34	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/15/20 21:34	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/15/20 21:34	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/15/20 21:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/15/20 21:34	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/15/20 21:34	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/15/20 21:34	1
Trichloroethene	ND		0.50	0.10	ug/L			08/15/20 21:34	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/15/20 21:34	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/15/20 21:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/15/20 21:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/15/20 21:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/15/20 21:34	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/15/20 21:34	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/15/20 21:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*08/15/20 21:34*	*1*
Dibromofluoromethane	*102*		*80 - 127*		*08/15/20 21:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*08/15/20 21:34*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/15/20 21:34*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88196/4
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			10.0	10.69		ug/L		107	80 - 120		
Carbon tetrachloride			10.0	11.27		ug/L		113	80 - 129		
Chlorobenzene			10.0	10.57		ug/L		106	80 - 120		
1,2-Dibromoethane			10.0	10.82		ug/L		108	80 - 120		
1,2-Dichlorobenzene			10.0	10.60		ug/L		106	80 - 120		
1,2-Dichloroethane			10.0	11.33		ug/L		113	80 - 122		
1,1-Dichloroethene			10.0	10.00		ug/L		100	77 - 120		
Di-isopropyl ether (DIPE)			10.0	11.02		ug/L		110	73 - 121		
Ethanol			100	89.75		ug/L		90	73 - 133		
Ethylbenzene			10.0	10.81		ug/L		108	80 - 120		
Ethyl-t-butyl ether (ETBE)			10.0	11.64		ug/L		116	76 - 124		
Methyl-t-Butyl Ether (MTBE)			10.0	11.35		ug/L		113	75 - 123		
m,p-Xylene			20.0	21.23		ug/L		106	80 - 120		
o-Xylene			10.0	10.76		ug/L		108	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.77		ug/L		118	80 - 120		
tert-Butyl alcohol (TBA)			50.0	50.79		ug/L		102	80 - 120		
Toluene			10.0	10.66		ug/L		107	80 - 120		
Trichloroethene			10.0	10.54		ug/L		105	80 - 120		
Vinyl chloride			10.0	9.591		ug/L		96	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*102*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-88196/5
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.58		ug/L		106	80 - 120	1	22
Carbon tetrachloride			10.0	11.09		ug/L		111	80 - 129	2	36
Chlorobenzene			10.0	10.50		ug/L		105	80 - 120	1	29
1,2-Dibromoethane			10.0	10.84		ug/L		108	80 - 120	0	32
1,2-Dichlorobenzene			10.0	10.61		ug/L		106	80 - 120	0	30
1,2-Dichloroethane			10.0	10.83		ug/L		108	80 - 122	5	23
1,1-Dichloroethene			10.0	11.33		ug/L		113	77 - 120	13	26
Di-isopropyl ether (DIPE)			10.0	10.88		ug/L		109	73 - 121	1	26
Ethanol			100	86.71		ug/L		87	73 - 133	3	30
Ethylbenzene			10.0	10.70		ug/L		107	80 - 120	1	25
Ethyl-t-butyl ether (ETBE)			10.0	11.57		ug/L		116	76 - 124	1	30
Methyl-t-Butyl Ether (MTBE)			10.0	11.52		ug/L		115	75 - 123	1	27
m,p-Xylene			20.0	21.16		ug/L		106	80 - 120	0	30
o-Xylene			10.0	10.74		ug/L		107	80 - 120	0	30
Tert-amyl-methyl ether (TAME)			10.0	11.49		ug/L		115	80 - 120	2	24
tert-Butyl alcohol (TBA)			50.0	50.35		ug/L		101	80 - 120	1	30
Toluene			10.0	10.50		ug/L		105	80 - 120	2	28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88196/5
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			10.0	10.40		ug/L		104	80 - 120	1	25
Vinyl chloride			10.0	9.528		ug/L		95	63 - 135	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*100*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-87594/1-A
Matrix: Water
Analysis Batch: 87892

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
Acenaphthylene	ND		10	2.9	ug/L		08/13/20 13:07	08/14/20 12:35	1
Aniline	ND		10	1.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
Anthracene	ND		10	3.0	ug/L		08/13/20 13:07	08/14/20 12:35	1
Azobenzene	ND		10	2.6	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzidine	ND		50	6.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzo[a]anthracene	ND		10	4.7	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzo[a]pyrene	ND		10	2.4	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzo[b]fluoranthene	ND		10	2.3	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzo[g,h,i]perylene	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzoic acid	ND		50	12	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzo[k]fluoranthene	ND		10	3.2	ug/L		08/13/20 13:07	08/14/20 12:35	1
Benzyl alcohol	ND		10	2.2	ug/L		08/13/20 13:07	08/14/20 12:35	1
Bis(2-chloroethoxy)methane	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
Bis(2-chloroethyl)ether	ND		25	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
bis (2-Chloroisopropyl) ether	ND		10	3.2	ug/L		08/13/20 13:07	08/14/20 12:35	1
Bis(2-ethylhexyl) phthalate	ND		10	3.2	ug/L		08/13/20 13:07	08/14/20 12:35	1
4-Bromophenyl phenyl ether	ND		10	2.7	ug/L		08/13/20 13:07	08/14/20 12:35	1
Butyl benzyl phthalate	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
4-Chloroaniline	ND		10	2.0	ug/L		08/13/20 13:07	08/14/20 12:35	1
4-Chloro-3-methylphenol	ND		10	2.4	ug/L		08/13/20 13:07	08/14/20 12:35	1
2-Chloronaphthalene	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
2-Chlorophenol	ND		10	2.3	ug/L		08/13/20 13:07	08/14/20 12:35	1
4-Chlorophenyl phenyl ether	ND		10	2.7	ug/L		08/13/20 13:07	08/14/20 12:35	1
Chrysene	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
Dibenz(a,h)anthracene	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
Dibenzofuran	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
1,2-Dichlorobenzene	ND		10	3.0	ug/L		08/13/20 13:07	08/14/20 12:35	1
1,3-Dichlorobenzene	ND		10	3.1	ug/L		08/13/20 13:07	08/14/20 12:35	1
1,4-Dichlorobenzene	ND		10	2.9	ug/L		08/13/20 13:07	08/14/20 12:35	1
3,3'-Dichlorobenzidine	ND		25	2.6	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,4-Dichlorophenol	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		08/13/20 13:07	08/14/20 12:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87594/1-A
Matrix: Water
Analysis Batch: 87892

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,4-Dimethylphenol	ND		10	2.4	ug/L		08/13/20 13:07	08/14/20 12:35	1
Dimethyl phthalate	ND		10	2.6	ug/L		08/13/20 13:07	08/14/20 12:35	1
Di-n-butyl phthalate	ND		10	2.9	ug/L		08/13/20 13:07	08/14/20 12:35	1
4,6-Dinitro-2-methylphenol	ND		50	14	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,4-Dinitrophenol	ND		50	13	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,4-Dinitrotoluene	ND		10	2.3	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,6-Dinitrotoluene	ND		10	2.4	ug/L		08/13/20 13:07	08/14/20 12:35	1
Di-n-octyl phthalate	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
Fluoranthene	ND		10	3.1	ug/L		08/13/20 13:07	08/14/20 12:35	1
Fluorene	ND		10	2.7	ug/L		08/13/20 13:07	08/14/20 12:35	1
Hexachlorobenzene	ND		10	3.1	ug/L		08/13/20 13:07	08/14/20 12:35	1
Hexachloro-1,3-butadiene	ND		10	2.9	ug/L		08/13/20 13:07	08/14/20 12:35	1
Hexachlorocyclopentadiene	ND		25	6.9	ug/L		08/13/20 13:07	08/14/20 12:35	1
Hexachloroethane	ND		10	3.0	ug/L		08/13/20 13:07	08/14/20 12:35	1
Indeno[1,2,3-cd]pyrene	ND		10	2.1	ug/L		08/13/20 13:07	08/14/20 12:35	1
Isophorone	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
1-Methylnaphthalene	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
2-Methylnaphthalene	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
2-Methylphenol	ND		10	2.1	ug/L		08/13/20 13:07	08/14/20 12:35	1
3 & 4 Methylphenol	ND		10	2.2	ug/L		08/13/20 13:07	08/14/20 12:35	1
Naphthalene	ND		10	2.9	ug/L		08/13/20 13:07	08/14/20 12:35	1
2-Nitroaniline	ND		10	2.2	ug/L		08/13/20 13:07	08/14/20 12:35	1
3-Nitroaniline	ND		10	2.3	ug/L		08/13/20 13:07	08/14/20 12:35	1
4-Nitroaniline	ND		10	2.1	ug/L		08/13/20 13:07	08/14/20 12:35	1
Nitrobenzene	ND		25	3.0	ug/L		08/13/20 13:07	08/14/20 12:35	1
2-Nitrophenol	ND		10	2.6	ug/L		08/13/20 13:07	08/14/20 12:35	1
4-Nitrophenol	ND		10	1.6	ug/L		08/13/20 13:07	08/14/20 12:35	1
N-Nitrosodimethylamine	ND		10	3.2	ug/L		08/13/20 13:07	08/14/20 12:35	1
N-Nitrosodi-n-propylamine	ND		10	2.4	ug/L		08/13/20 13:07	08/14/20 12:35	1
N-Nitrosodiphenylamine	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
Pentachlorophenol	ND		10	4.6	ug/L		08/13/20 13:07	08/14/20 12:35	1
Phenanthrene	ND		10	2.9	ug/L		08/13/20 13:07	08/14/20 12:35	1
Phenol	ND		10	2.1	ug/L		08/13/20 13:07	08/14/20 12:35	1
Pyrene	ND		10	3.0	ug/L		08/13/20 13:07	08/14/20 12:35	1
Pyridine	ND		10	3.0	ug/L		08/13/20 13:07	08/14/20 12:35	1
1,2,4-Trichlorobenzene	ND		10	2.8	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,4,5-Trichlorophenol	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1
2,4,6-Trichlorophenol	ND		10	2.5	ug/L		08/13/20 13:07	08/14/20 12:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*57*		*45 - 120*	*08/13/20 13:07*	*08/14/20 12:35*	*1*
2-Fluorophenol (Surr)	*55*		*15 - 138*	*08/13/20 13:07*	*08/14/20 12:35*	*1*
Nitrobenzene-d5 (Surr)	*68*		*56 - 123*	*08/13/20 13:07*	*08/14/20 12:35*	*1*
Phenol-d6 (Surr)	*34*		*17 - 141*	*08/13/20 13:07*	*08/14/20 12:35*	*1*
p-Terphenyl-d14 (Surr)	*81*		*46 - 133*	*08/13/20 13:07*	*08/14/20 12:35*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*32 - 143*	*08/13/20 13:07*	*08/14/20 12:35*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87594/2-A
Matrix: Water
Analysis Batch: 87892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87594

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene			200	165.8		ug/L		83	45 - 110		
Acenaphthylene			200	186.0		ug/L		93	50 - 105		
Butyl benzyl phthalate			200	177.5		ug/L		89	45 - 115		
4-Chloro-3-methylphenol			200	163.2		ug/L		82	45 - 110		
2-Chlorophenol			200	159.1		ug/L		80	35 - 105		
1,4-Dichlorobenzene			200	138.8		ug/L		69	30 - 100		
Dimethyl phthalate			200	169.2		ug/L		85	25 - 125		
2,4-Dinitrotoluene			200	170.8		ug/L		85	50 - 120		
Fluorene			200	171.9		ug/L		86	50 - 110		
Naphthalene			200	157.1		ug/L		79	40 - 100		
4-Nitrophenol			200	48.65		ug/L		24	20 - 150		
N-Nitrosodi-n-propylamine			200	169.3		ug/L		85	35 - 130		
Pentachlorophenol			200	95.47		ug/L		48	40 - 115		
Phenol			200	76.78		ug/L		38	10 - 115		
Pyrene			200	162.2		ug/L		81	50 - 130		
1,2,4-Trichlorobenzene			200	145.2		ug/L		73	49 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*71*		*45 - 120*
2-Fluorophenol (Surr)	*62*		*15 - 138*
Nitrobenzene-d5 (Surr)	*78*		*56 - 123*
Phenol-d6 (Surr)	*40*		*17 - 141*
p-Terphenyl-d14 (Surr)	*89*		*46 - 133*
2,4,6-Tribromophenol (Surr)	*91*		*32 - 143*

Lab Sample ID: LCSD 570-87594/3-A
Matrix: Water
Analysis Batch: 87892

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87594

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			200	152.7		ug/L		76	45 - 110	8	20
Acenaphthylene			200	167.0		ug/L		83	50 - 105	11	20
Butyl benzyl phthalate			200	165.8		ug/L		83	45 - 115	7	20
4-Chloro-3-methylphenol			200	154.0		ug/L		77	45 - 110	6	40
2-Chlorophenol			200	150.1		ug/L		75	35 - 105	6	18
1,4-Dichlorobenzene			200	129.7		ug/L		65	30 - 100	7	26
Dimethyl phthalate			200	154.1		ug/L		77	25 - 125	9	20
2,4-Dinitrotoluene			200	161.2		ug/L		81	50 - 120	6	36
Fluorene			200	156.4		ug/L		78	50 - 110	9	20
Naphthalene			200	146.1		ug/L		73	40 - 100	7	20
4-Nitrophenol			200	45.94		ug/L		23	20 - 150	6	40
N-Nitrosodi-n-propylamine			200	163.1		ug/L		82	35 - 130	4	20
Pentachlorophenol			200	93.34		ug/L		47	40 - 115	2	40
Phenol			200	73.10		ug/L		37	10 - 115	5	23
Pyrene			200	150.2		ug/L		75	50 - 130	8	20
1,2,4-Trichlorobenzene			200	136.2		ug/L		68	49 - 120	6	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-87594/3-A
Matrix: Water
Analysis Batch: 87892

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87594

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	65		45 - 120
2-Fluorophenol (Surr)	58		15 - 138
Nitrobenzene-d5 (Surr)	73		56 - 123
Phenol-d6 (Surr)	38		17 - 141
p-Terphenyl-d14 (Surr)	83		46 - 133
2,4,6-Tribromophenol (Surr)	82		32 - 143

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 87892

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 87594

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		198	155.3		ug/L		78	51 - 137
Acenaphthylene	ND		198	178.7		ug/L		90	50 - 150
Butyl benzyl phthalate	ND		198	149.0		ug/L		75	50 - 150
4-Chloro-3-methylphenol	ND		198	148.3		ug/L		75	20 - 150
2-Chlorophenol	ND		198	152.9		ug/L		77	45 - 135
1,4-Dichlorobenzene	ND		198	141.3		ug/L		71	36 - 118
Dimethyl phthalate	ND		198	162.3		ug/L		82	50 - 150
2,4-Dinitrotoluene	ND		198	168.3		ug/L		85	25 - 143
Fluorene	ND	F1	198	35.29	F1	ug/L		18	50 - 150
Naphthalene	ND		198	153.0		ug/L		77	50 - 150
4-Nitrophenol	ND		198	49.63		ug/L		25	20 - 150
N-Nitrosodi-n-propylamine	ND		198	161.7		ug/L		82	52 - 128
Pentachlorophenol	ND		198	92.14		ug/L		47	20 - 150
Phenol	ND		198	71.42		ug/L		36	10 - 115
Pyrene	ND		198	167.4		ug/L		85	45 - 135
1,2,4-Trichlorobenzene	ND		198	141.4		ug/L		71	18 - 126

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	64		45 - 120
2-Fluorophenol (Surr)	55		15 - 138
Nitrobenzene-d5 (Surr)	70		56 - 123
Phenol-d6 (Surr)	35		17 - 141
p-Terphenyl-d14 (Surr)	79		46 - 133
2,4,6-Tribromophenol (Surr)	76		32 - 143

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 87892

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 87594

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		191	152.5		ug/L		80	51 - 137	2	20
Acenaphthylene	ND		191	177.2		ug/L		93	50 - 150	1	20
Butyl benzyl phthalate	ND		191	145.5		ug/L		76	50 - 150	2	20
4-Chloro-3-methylphenol	ND		191	150.5		ug/L		79	20 - 150	1	40
2-Chlorophenol	ND		191	148.3		ug/L		78	45 - 135	3	18
1,4-Dichlorobenzene	ND		191	137.8		ug/L		72	36 - 118	3	26

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 87892

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 87594

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dimethyl phthalate	ND		191	159.0		ug/L		83	50 - 150	2	20
2,4-Dinitrotoluene	ND		191	158.7		ug/L		83	25 - 143	6	36
Fluorene	ND	F1	191	33.73	F1	ug/L		18	50 - 150	5	20
Naphthalene	ND		191	153.7		ug/L		80	50 - 150	0	20
4-Nitrophenol	ND		191	46.79		ug/L		24	20 - 150	6	40
N-Nitrosodi-n-propylamine	ND		191	158.3		ug/L		83	52 - 128	2	20
Pentachlorophenol	ND		191	92.86		ug/L		49	20 - 150	1	40
Phenol	ND		191	71.37		ug/L		37	10 - 115	0	23
Pyrene	ND		191	160.2		ug/L		84	45 - 135	4	20
1,2,4-Trichlorobenzene	ND		191	145.1		ug/L		76	18 - 126	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*66*		*45 - 120*
2-Fluorophenol (Surr)	*55*		*15 - 138*
Nitrobenzene-d5 (Surr)	*72*		*56 - 123*
Phenol-d6 (Surr)	*35*		*17 - 141*
p-Terphenyl-d14 (Surr)	*81*		*46 - 133*
2,4,6-Tribromophenol (Surr)	*78*		*32 - 143*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-86936/17
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			08/11/20 21:00	1

Lab Sample ID: LCS 570-86936/28
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			5.00	5.017		mg/L		100	90 - 110		

Lab Sample ID: LCSD 570-86936/29
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			5.00	4.955		mg/L		99	90 - 110	1	15

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 86936

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	13		5.00	17.65		mg/L		96	80 - 120		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 86936

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	13		5.00	17.85		mg/L		100	80 - 120	1	20

Lab Sample ID: MB 570-86937/17
Matrix: Water
Analysis Batch: 86937

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.0	0.24	mg/L			08/11/20 21:00	1

Lab Sample ID: LCS 570-86937/28
Matrix: Water
Analysis Batch: 86937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	50.0	48.96		mg/L		98	90 - 110

Lab Sample ID: LCSD 570-86937/29
Matrix: Water
Analysis Batch: 86937

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	50.0	48.72		mg/L		97	90 - 110	0	15

Lab Sample ID: MB 570-87205/5
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			08/12/20 10:31	1
Orthophosphate as P	ND		0.10	0.076	mg/L			08/12/20 10:31	1

Lab Sample ID: LCS 570-87205/6
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	5.00	4.834		mg/L		97	90 - 110
Orthophosphate as P	2.50	2.553		mg/L		102	90 - 110

Lab Sample ID: LCSD 570-87205/7
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	5.00	4.813		mg/L		96	90 - 110	0	15
Orthophosphate as P	2.50	2.577		mg/L		103	90 - 110	1	15

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 87205

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Orthophosphate as P	ND	F1	2.50	4.733	F1	mg/L		189	80 - 120		

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 87205

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Orthophosphate as P	ND	F1	2.50	5.109	F1	mg/L		204	80 - 120	8	20

Lab Sample ID: MB 570-87219/5
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			08/12/20 09:27	1

Lab Sample ID: LCS 570-87219/6
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			5.00	4.934		mg/L		99	90 - 110		

Lab Sample ID: LCSD 570-87219/7
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			5.00	4.960		mg/L		99	90 - 110	1	15

Lab Sample ID: 570-35562-J-1 MS
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	1.5		5.00	6.169		mg/L		92	80 - 120		
Orthophosphate as P	ND	* F1	2.50	4.285	F1	mg/L		171	80 - 120		

Lab Sample ID: 570-35562-J-1 MSD
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	1.5		5.00	6.173		mg/L		93	80 - 120	0	20
Orthophosphate as P	ND	* F1	2.50	4.214	F1	mg/L		169	80 - 120	2	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 570-87220/36
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			08/13/20 00:39	1
Sulfate	ND		1.0	0.24	mg/L			08/13/20 00:39	1

Lab Sample ID: MB 570-87220/5
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			08/12/20 09:27	1
Sulfate	ND		1.0	0.24	mg/L			08/12/20 09:27	1

Lab Sample ID: LCS 570-87220/37
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			50.0	48.85		mg/L		98	90 - 110		
Sulfate			50.0	48.59		mg/L		97	90 - 110		

Lab Sample ID: LCS 570-87220/6
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			50.0	49.51		mg/L		99	90 - 110		
Sulfate			50.0	49.45		mg/L		99	90 - 110		

Lab Sample ID: LCSD 570-87220/38
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			50.0	48.71		mg/L		97	90 - 110	0	15
Sulfate			50.0	48.73		mg/L		97	90 - 110	0	15

Lab Sample ID: LCSD 570-87220/7
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			50.0	49.17		mg/L		98	90 - 110	1	15
Sulfate			50.0	49.06		mg/L		98	90 - 110	1	15

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 87220

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	4300		50.0	4272	4	mg/L		-59	80 - 120		
Sulfate	520		50.0	553.7	4	mg/L		62	80 - 120		

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 87220

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4300		50.0	4160	4	mg/L		-283	80 - 120	3	20
Sulfate	520		50.0	547.0	4	mg/L		49	80 - 120	1	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-89513/1-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:01	1
Barium	ND		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:01	1
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:01	1
Calcium	ND		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:01	1
Chromium	ND		0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:01	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:01	1
Iron	ND		0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:01	1
Lead	ND		0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:01	1
Magnesium	ND		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:01	1
Manganese	ND		0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:01	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:01	1
Nickel	ND		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:01	1
Potassium	ND		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:01	1
Selenium	ND		0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:01	1
Silver	0.004868	J	0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:01	1
Sodium	ND		2.00	1.11	mg/L		08/21/20 12:35	08/21/20 18:01	1
Thallium	ND		0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:01	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:01	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:01	1

Lab Sample ID: LCS 570-89513/2-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.500	0.4766		mg/L		95	80 - 120
Barium	0.500	0.5090		mg/L		102	80 - 120
Cadmium	0.500	0.4988		mg/L		100	80 - 120
Calcium	0.500	0.5915	J	mg/L		118	80 - 120
Chromium	0.500	0.5006		mg/L		100	80 - 120
Copper	0.500	0.5497		mg/L		110	80 - 120
Iron	0.500	0.5175		mg/L		104	80 - 120
Lead	0.500	0.5137		mg/L		103	80 - 120
Magnesium	0.500	0.5215		mg/L		104	80 - 120
Manganese	0.500	0.5052		mg/L		101	80 - 120
Molybdenum	0.500	0.4757		mg/L		95	80 - 120
Nickel	0.500	0.5124		mg/L		102	80 - 120
Potassium	5.00	4.953		mg/L		99	80 - 120
Selenium	0.500	0.4661		mg/L		93	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-89513/2-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.250	0.2620		mg/L		105	80 - 120
Sodium	5.00	5.282		mg/L		106	80 - 120
Thallium	0.500	0.4803		mg/L		96	80 - 120
Vanadium	0.500	0.4968		mg/L		99	80 - 120
Zinc	0.500	0.5267		mg/L		105	80 - 120

Lab Sample ID: LCSD 570-89513/3-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.500	0.4822		mg/L		96	80 - 120	1	20
Barium	0.500	0.5098		mg/L		102	80 - 120	0	20
Cadmium	0.500	0.5046		mg/L		101	80 - 120	1	20
Calcium	0.500	0.5363	J	mg/L		107	80 - 120	10	20
Chromium	0.500	0.5044		mg/L		101	80 - 120	1	20
Copper	0.500	0.5350		mg/L		107	80 - 120	3	20
Iron	0.500	0.5178		mg/L		104	80 - 120	0	20
Lead	0.500	0.5204		mg/L		104	80 - 120	1	20
Magnesium	0.500	0.5217		mg/L		104	80 - 120	0	20
Manganese	0.500	0.5056		mg/L		101	80 - 120	0	20
Molybdenum	0.500	0.4850		mg/L		97	80 - 120	2	20
Nickel	0.500	0.5171		mg/L		103	80 - 120	1	20
Potassium	5.00	4.915		mg/L		98	80 - 120	1	20
Selenium	0.500	0.5018		mg/L		100	80 - 120	7	20
Silver	0.250	0.2620		mg/L		105	80 - 120	0	20
Sodium	5.00	5.200		mg/L		104	80 - 120	2	20
Thallium	0.500	0.4893		mg/L		98	80 - 120	2	20
Vanadium	0.500	0.4977		mg/L		100	80 - 120	0	20
Zinc	0.500	0.5207		mg/L		104	80 - 120	1	20

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 89598

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		0.500	0.5315		mg/L		106	80 - 140
Barium	0.0483		0.500	0.5848		mg/L		107	87 - 123
Cadmium	ND		0.500	0.5081		mg/L		102	82 - 124
Calcium	531		0.500	535.3	4	mg/L		875	77 - 113
Chromium	0.0106	J	0.500	0.5147		mg/L		101	86 - 122
Copper	ND		0.500	0.6168		mg/L		123	78 - 126
Iron	ND		0.500	0.5447		mg/L		109	65 - 149
Lead	0.0476	J	0.500	0.5412		mg/L		99	84 - 120
Magnesium	103		0.500	103.5	4	mg/L		30	56 - 140
Manganese	0.0179	J	0.500	0.5144		mg/L		99	86 - 116
Molybdenum	0.0562		0.500	0.5254		mg/L		94	78 - 126
Nickel	1.46		0.500	1.945		mg/L		97	84 - 120
Potassium	16.1	F1	5.00	22.45		mg/L		127	83 - 131

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 89598

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.0247	J	0.500	0.5215		mg/L		99	79 - 127
Silver	0.00351	J B	0.250	0.2926		mg/L		116	86 - 128
Thallium	ND	F1	0.500	0.3814	F1	mg/L		76	79 - 121
Vanadium	ND		0.500	0.5294		mg/L		106	88 - 118
Zinc	ND		0.500	0.5080		mg/L		102	89 - 131

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 89763

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	2210		5.00	2228	4	mg/L		397	73 - 127

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 89598

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5282		mg/L		106	80 - 140	1	11
Barium	0.0483		0.500	0.5856		mg/L		107	87 - 123	0	6
Cadmium	ND		0.500	0.5061		mg/L		101	82 - 124	0	7
Calcium	531		0.500	540.2	4	mg/L		1854	77 - 113	1	11
Chromium	0.0106	J	0.500	0.5157		mg/L		101	86 - 122	0	8
Copper	ND		0.500	0.6166		mg/L		123	78 - 126	0	7
Iron	ND		0.500	0.5526		mg/L		111	65 - 149	1	21
Lead	0.0476	J	0.500	0.5288		mg/L		96	84 - 120	2	7
Magnesium	103		0.500	102.1	4	mg/L		-246	56 - 140	1	11
Manganese	0.0179	J	0.500	0.5140		mg/L		99	86 - 116	0	7
Molybdenum	0.0562		0.500	0.5427		mg/L		97	78 - 126	3	7
Nickel	1.46		0.500	1.948		mg/L		98	84 - 120	0	7
Potassium	16.1	F1	5.00	22.79	F1	mg/L		133	83 - 131	2	7
Selenium	0.0247	J	0.500	0.5016		mg/L		95	79 - 127	4	9
Silver	0.00351	J B	0.250	0.2942		mg/L		116	86 - 128	1	7
Thallium	ND	F1	0.500	0.3979		mg/L		80	79 - 121	4	8
Vanadium	ND		0.500	0.5297		mg/L		106	88 - 118	0	7
Zinc	ND		0.500	0.5042		mg/L		101	89 - 131	1	8

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 89763

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sodium	2210		5.00	2187	4	mg/L		-424	73 - 127	2	9

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-89516/1-A
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:10	1

Lab Sample ID: LCS 570-89516/2-A
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89516

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.0100	0.01034		mg/L		103	80 - 120		

Lab Sample ID: LCSD 570-89516/3-A
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89516

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.0100	0.01036		mg/L		104	80 - 120	0	20

Lab Sample ID: 570-35586-5 MS
Matrix: Water
Analysis Batch: 89960

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 89516

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.0100	0.006447		mg/L		64	55 - 133		

Lab Sample ID: 570-35586-5 MSD
Matrix: Water
Analysis Batch: 89960

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 89516

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.006517		mg/L		65	55 - 133	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-88000/77
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			08/13/20 18:02	1
Bicarbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 18:02	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 18:02	1

Lab Sample ID: LCS 570-88000/75
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity, Total (As CaCO3)			100	92.30		mg/L		92	80 - 120		

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 570-88000/76
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	94.38		mg/L		94	80 - 120	2	20

Lab Sample ID: 570-35586-5 DU
Matrix: Water
Analysis Batch: 88000

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	132			132.1		mg/L				0.2	25
Bicarbonate (as CaCO3)	132			132.1		mg/L				0.2	25
Carbonate (as CaCO3)	ND			ND		mg/L				NC	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-87590/1
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		1.00	0.870	mg/L			08/13/20 12:51	1

Lab Sample ID: LCS 570-87590/2
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			100	100.0		mg/L		100	84 - 108		

Lab Sample ID: LCSD 570-87590/3
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids			100	105.0		mg/L		105	84 - 108	5	10

Lab Sample ID: 570-35586-5 DU
Matrix: Water
Analysis Batch: 87590

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	9230			8360		mg/L				10	10

GC/MS VOA

Analysis Batch: 87321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-6	QCTB	Total/NA	Water	8260B	
570-35586-7	QCEB	Total/NA	Water	8260B	
MB 570-87321/6	Method Blank	Total/NA	Water	8260B	
LCS 570-87321/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-87321/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 87532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	8260B	
570-35586-2	Program Well Dup	Total/NA	Water	8260B	
570-35586-3	MW-08	Total/NA	Water	8260B	
570-35586-4	MW-02	Total/NA	Water	8260B	
570-35586-5	MW-03	Total/NA	Water	8260B	
MB 570-87532/6	Method Blank	Total/NA	Water	8260B	
LCS 570-87532/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-87532/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-35586-5 MS	MW-03	Total/NA	Water	8260B	
570-35586-5 MSD	MW-03	Total/NA	Water	8260B	

Analysis Batch: 88196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-2 - DL	Program Well Dup	Total/NA	Water	8260B	
570-35586-5 - RA	MW-03	Total/NA	Water	8260B	
MB 570-88196/8	Method Blank	Total/NA	Water	8260B	
LCS 570-88196/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-88196/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 87594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	3510C	
570-35586-2	Program Well Dup	Total/NA	Water	3510C	
570-35586-3	MW-08	Total/NA	Water	3510C	
570-35586-4	MW-02	Total/NA	Water	3510C	
570-35586-5	MW-03	Total/NA	Water	3510C	
MB 570-87594/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-87594/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-87594/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-35586-5 MS	MW-03	Total/NA	Water	3510C	
570-35586-5 MSD	MW-03	Total/NA	Water	3510C	

Analysis Batch: 87892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	8270C	87594
570-35586-2	Program Well Dup	Total/NA	Water	8270C	87594
570-35586-3	MW-08	Total/NA	Water	8270C	87594
570-35586-4	MW-02	Total/NA	Water	8270C	87594
570-35586-5	MW-03	Total/NA	Water	8270C	87594
MB 570-87594/1-A	Method Blank	Total/NA	Water	8270C	87594
LCS 570-87594/2-A	Lab Control Sample	Total/NA	Water	8270C	87594

GC/MS Semi VOA (Continued)

Analysis Batch: 87892 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-87594/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	87594
570-35586-5 MS	MW-03	Total/NA	Water	8270C	87594
570-35586-5 MSD	MW-03	Total/NA	Water	8270C	87594

HPLC/IC

Analysis Batch: 86936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-3	MW-08	Total/NA	Water	300.0	
570-35586-4	MW-02	Total/NA	Water	300.0	
570-35586-5	MW-03	Total/NA	Water	300.0	
MB 570-86936/17	Method Blank	Total/NA	Water	300.0	
LCS 570-86936/28	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-86936/29	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35586-5 MS	MW-03	Total/NA	Water	300.0	
570-35586-5 MSD	MW-03	Total/NA	Water	300.0	

Analysis Batch: 86937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	300.0	
570-35586-2	Program Well Dup	Total/NA	Water	300.0	
570-35586-4	MW-02	Total/NA	Water	300.0	
570-35586-5	MW-03	Total/NA	Water	300.0	
MB 570-86937/17	Method Blank	Total/NA	Water	300.0	
LCS 570-86937/28	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-86937/29	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35586-5 MS	MW-03	Total/NA	Water	300.0	
570-35586-5 MSD	MW-03	Total/NA	Water	300.0	

Analysis Batch: 87205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	300.0	
570-35586-2	Program Well Dup	Total/NA	Water	300.0	
570-35586-3	MW-08	Total/NA	Water	300.0	
570-35586-4	MW-02	Total/NA	Water	300.0	
570-35586-5	MW-03	Total/NA	Water	300.0	
MB 570-87205/5	Method Blank	Total/NA	Water	300.0	
LCS 570-87205/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87205/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35586-5 MS	MW-03	Total/NA	Water	300.0	
570-35586-5 MSD	MW-03	Total/NA	Water	300.0	

Analysis Batch: 87219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	300.0	
570-35586-2	Program Well Dup	Total/NA	Water	300.0	
MB 570-87219/5	Method Blank	Total/NA	Water	300.0	
LCS 570-87219/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87219/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35562-J-1 MS	Matrix Spike	Total/NA	Water	300.0	
570-35562-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

HPLC/IC

Analysis Batch: 87220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	300.0	
570-35586-2	Program Well Dup	Total/NA	Water	300.0	
570-35586-3	MW-08	Total/NA	Water	300.0	
570-35586-4	MW-02	Total/NA	Water	300.0	
570-35586-5	MW-03	Total/NA	Water	300.0	
MB 570-87220/36	Method Blank	Total/NA	Water	300.0	
MB 570-87220/5	Method Blank	Total/NA	Water	300.0	
LCS 570-87220/37	Lab Control Sample	Total/NA	Water	300.0	
LCS 570-87220/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87220/38	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 570-87220/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35586-5 MS	MW-03	Total/NA	Water	300.0	
570-35586-5 MSD	MW-03	Total/NA	Water	300.0	

Metals

Prep Batch: 89513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Dissolved	Water	3005A	
570-35586-2	Program Well Dup	Dissolved	Water	3005A	
570-35586-3	MW-08	Dissolved	Water	3005A	
570-35586-4	MW-02	Dissolved	Water	3005A	
570-35586-5	MW-03	Dissolved	Water	3005A	
MB 570-89513/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-89513/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-89513/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-35586-5 MS	MW-03	Dissolved	Water	3005A	
570-35586-5 MSD	MW-03	Dissolved	Water	3005A	

Prep Batch: 89516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Dissolved	Water	7470A	
570-35586-2	Program Well Dup	Dissolved	Water	7470A	
570-35586-3	MW-08	Dissolved	Water	7470A	
570-35586-4	MW-02	Dissolved	Water	7470A	
570-35586-5	MW-03	Dissolved	Water	7470A	
MB 570-89516/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-89516/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-89516/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-35586-5 MS	MW-03	Dissolved	Water	7470A	
570-35586-5 MSD	MW-03	Dissolved	Water	7470A	

Analysis Batch: 89598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Dissolved	Water	6010B	89513
570-35586-2	Program Well Dup	Dissolved	Water	6010B	89513
570-35586-3	MW-08	Dissolved	Water	6010B	89513
570-35586-4	MW-02	Dissolved	Water	6010B	89513
570-35586-5	MW-03	Dissolved	Water	6010B	89513
MB 570-89513/1-A	Method Blank	Total Recoverable	Water	6010B	89513
LCS 570-89513/2-A	Lab Control Sample	Total Recoverable	Water	6010B	89513

Metals (Continued)

Analysis Batch: 89598 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-89513/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	89513
570-35586-5 MS	MW-03	Dissolved	Water	6010B	89513
570-35586-5 MSD	MW-03	Dissolved	Water	6010B	89513

Analysis Batch: 89763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Dissolved	Water	6010B	89513
570-35586-2	Program Well Dup	Dissolved	Water	6010B	89513
570-35586-3	MW-08	Dissolved	Water	6010B	89513
570-35586-4	MW-02	Dissolved	Water	6010B	89513
570-35586-5	MW-03	Dissolved	Water	6010B	89513
570-35586-5 MS	MW-03	Dissolved	Water	6010B	89513
570-35586-5 MSD	MW-03	Dissolved	Water	6010B	89513

Analysis Batch: 89960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Dissolved	Water	7470A	89516
570-35586-2	Program Well Dup	Dissolved	Water	7470A	89516
570-35586-3	MW-08	Dissolved	Water	7470A	89516
570-35586-4	MW-02	Dissolved	Water	7470A	89516
570-35586-5	MW-03	Dissolved	Water	7470A	89516
MB 570-89516/1-A	Method Blank	Total/NA	Water	7470A	89516
LCS 570-89516/2-A	Lab Control Sample	Total/NA	Water	7470A	89516
LCSD 570-89516/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	89516
570-35586-5 MS	MW-03	Dissolved	Water	7470A	89516
570-35586-5 MSD	MW-03	Dissolved	Water	7470A	89516

General Chemistry

Analysis Batch: 87590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	SM 2540C	
570-35586-2	Program Well Dup	Total/NA	Water	SM 2540C	
570-35586-3	MW-08	Total/NA	Water	SM 2540C	
570-35586-4	MW-02	Total/NA	Water	SM 2540C	
570-35586-5	MW-03	Total/NA	Water	SM 2540C	
MB 570-87590/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-87590/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-87590/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-35586-5 DU	MW-03	Total/NA	Water	SM 2540C	

Analysis Batch: 88000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-1	MW-13	Total/NA	Water	SM 2320B	
570-35586-2	Program Well Dup	Total/NA	Water	SM 2320B	
570-35586-3	MW-08	Total/NA	Water	SM 2320B	
570-35586-4	MW-02	Total/NA	Water	SM 2320B	
570-35586-5	MW-03	Total/NA	Water	SM 2320B	
MB 570-88000/77	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-88000/75	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-88000/76	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 88000 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35586-5 DU	MW-03	Total/NA	Water	SM 2320B	

Client Sample ID: MW-13
Lab Sample ID: 570-35586-1

Date Collected: 08/11/20 08:07
Matrix: Water

Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	87532	08/13/20 14:42	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1047.1 mL	2 mL	87594	08/13/20 13:07	SAL	ECL 1
Total/NA	Analysis	8270C		1			87892	08/14/20 14:10	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		5			86937	08/12/20 02:03	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		5			87205	08/12/20 18:55	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		100			87219	08/12/20 22:57	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0		100			87220	08/12/20 22:57	URMH	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:15	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:25	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:28	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 20:49	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: Program Well Dup
Lab Sample ID: 570-35586-2

Date Collected: 08/11/20 00:00
Matrix: Water

Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87532	08/13/20 15:11	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B	DL	4	20 mL	20 mL	88196	08/16/20 03:22	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1049 mL	2 mL	87594	08/13/20 13:07	SAL	ECL 1
Total/NA	Analysis	8270C		1			87892	08/14/20 20:48	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		5			86937	08/12/20 02:59	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		5			87205	08/12/20 19:56	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		100			87219	08/12/20 23:17	URMH	ECL 1
	Instrument ID: IC7									

Client Sample ID: Program Well Dup
Lab Sample ID: 570-35586-2

Date Collected: 08/11/20 00:00
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			87220	08/12/20 23:17	URMH	ECL 1
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:18	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:27	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:30	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 20:55	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-08
Lab Sample ID: 570-35586-3

Date Collected: 08/11/20 10:33
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87532	08/13/20 15:40	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1041.4 mL	2 mL	87594	08/13/20 13:07	SAL	ECL 1
Total/NA	Analysis	8270C		1			87892	08/14/20 14:48	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		5			86936	08/12/20 03:18	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		5			87205	08/12/20 20:16	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		100			87220	08/12/20 23:38	URMH	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:20	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:29	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:33	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 21:02	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-02
Lab Sample ID: 570-35586-4

Date Collected: 08/11/20 12:54
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87532	08/13/20 16:08	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1056.3 mL	2 mL	87594	08/13/20 13:07	SAL	ECL 1
Total/NA	Analysis	8270C		1			87892	08/14/20 15:07	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		10			86936	08/12/20 03:37	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		10			86937	08/12/20 03:37	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		10			87205	08/12/20 20:36	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		100			87220	08/13/20 01:41	URMH	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:30	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:31	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:35	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 21:08	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	5 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-03
Lab Sample ID: 570-35586-5

Date Collected: 08/11/20 14:05
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87532	08/13/20 12:47	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B	RA	1	20 mL	20 mL	88196	08/16/20 03:51	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Prep	3510C			1060.6 mL	2 mL	87594	08/13/20 13:07	SAL	ECL 1
Total/NA	Analysis	8270C		1			87892	08/14/20 19:13	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		5			86936	08/12/20 03:56	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		5			86937	08/12/20 03:56	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		5			87205	08/12/20 20:57	URMH	ECL 1
	Instrument ID: IC15									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Client Sample ID: MW-03
Lab Sample ID: 570-35586-5
Date Collected: 08/11/20 14:05
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			87220	08/13/20 02:01	URMH	ECL 1
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:09	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:18	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:17	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 21:14	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: QCTB
Lab Sample ID: 570-35586-6
Date Collected: 08/11/20 07:10
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87321	08/12/20 12:45	UPY2	ECL 2
	Instrument ID: GCMSUU									

Client Sample ID: QCEB
Lab Sample ID: 570-35586-7
Date Collected: 08/11/20 15:30
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87321	08/12/20 13:14	UPY2	ECL 2
	Instrument ID: GCMSUU									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 1
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35586-1
Project/Site: Omar Former Rendering Plant - Program Wells

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-35586-1	MW-13	Water	08/11/20 08:07	08/11/20 18:25	
570-35586-2	Program Well Dup	Water	08/11/20 00:00	08/11/20 18:25	
570-35586-3	MW-08	Water	08/11/20 10:33	08/11/20 18:25	
570-35586-4	MW-02	Water	08/11/20 12:54	08/11/20 18:25	
570-35586-5	MW-03	Water	08/11/20 14:05	08/11/20 18:25	
570-35586-6	QCTB	Water	08/11/20 07:10	08/11/20 18:25	
570-35586-7	QCEB	Water	08/11/20 15:30	08/11/20 18:25	

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

570-35586 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 8-11-2020 PAGE: 1 OF 1

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com
PROJECT CONTACT: Tracy Rich
CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant - PROGRAM WELLS
P.O. NO.: PO#
SAMPLER(S): (PRINT) BBC ENV

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✻ 10 DAYS
✻ COELT EDF | GLOBAL ID: L10003156547 | LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3).
Note1: As,Ba,Cd,Cr,Cu,Pb,Hg,Mo,Ni,Se,Ag,Tl,V,Zn
Note 2: Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf.

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total, HCO3, CO3), EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Title 22 Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs
1	MW-13	8/11/2020	0807	GW	8	4	4	1	x	x	x	x	x	X
2	PROGRAM WELL DUP	"	—	GW	8	4	4	1	x	x	x	x	x	X
3	MW-08	"	1033	GW	8	4	4	1	x	x	x	x	x	X
4	MW-02	"	1254	GW	8	4	4	1	x	x	x	x	x	X
5	MW-03 MS/MSD	8/11/2020	1405	GW	14	6	7	1	x	x	x	x	x	X
6	~~QCTB~~		0710	~~GW~~ LAB WATER	2		2		~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	DS
7									x	x	x	x	x	
8	QCTB	8/11/2020	0710	LAB WATER	2		2		DS ~~x~~	~~x~~	~~x~~	~~x~~	x	
9	QCEB	8/11/2020	1530	LAB H2O	3		3		DS ~~x~~	~~x~~	~~x~~	~~x~~	x	
10									x	x	x	x	x	

Containers:
- 250mL Poly-SM2320B, EPA 300.0
- 1L Poly-SM 2540C TDS
- 250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd)
- 3x40mL VOA vials with HCl - EPA 8260B. Collect 6 vials from one of the wells for MS/MSD.
- 1L Amber Glass - 8270C SVOCs. Collect 3 ambers from onf the wells for MS/MSD.

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 8/11/2020	Time: 1540
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 08/11/2020	Time: 1825
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

3.0/3.0 SLO
3.5/3.5

08/10/16 Revision

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

570-35586 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 8-11-2020
PAGE: 1 OF 1

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com
PROJECT CONTACT: Tracy Rich
CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant - PROGRAM WELLS
P.O. NO.: PO#
SAMPLER(S): (PRINT) BBC GNV

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✻ 10 DAYS

✻ COELT EDF
GLOBAL ID: L10003156547
LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3).
Note1: As,Ba,Cd,Cr,Cu,Pb,Hg,Mo,Ni,Se,Ag,Tl,V,Zn
Note 2: Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf.

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total, HCO3, CO3), EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Title 22 Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs	
1	MW-13	8/11/2020	0807	GW	8	4	4	1	X	X	X	X	X	X	
2	PROGRAM WELL DUP		—	GW	8	4	4	1	X	X	X	X	X	X	
3	MW-08		1033	GW	8	4	4	1	X	X	X	X	X	X	
4	MW-02		1254	GW	8	4	4	1	X	X	X	X	X	X	
5	MW-03 MS/MSD	8/11/2020	1405	GW	14	6	7	1	X	X	X	X	X	X	
6	~~QCTB~~		0710	~~GW~~ LAB WATER	2		2		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		DI
7									X	X	X	X	X		
8	QCTB	8/11/2020	0710	LAB WATER	2		2		~~DI X~~	~~X~~	~~X~~	~~X~~	X		
9	QCEB	8/11/2020	1530	LAB H_2O	3		3		~~DI X~~	~~X~~	~~X~~	~~X~~	X		
10									X	X	X	X	X		

Containers:
- 250mL Poly-SM2320B, EPA 300.0
- 1L Poly-SM 2540C TDS
- 250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd)
- 3x40mL VOA vials with HCl - EPA 8260B. Collect 6 vials from one of the wells for MS/MSD.
- 1L Amber Glass - 8270C SVOCs. Collect 3 ambers from onf the wells for MS/MSD.

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	EA	8/11/2020	1540
	Manuel Ea	08/11/2020	1825
		Date:	Time:

08/10/16 Revision

3.0/3.0 SW
3.5/3.5

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-35586-1

Login Number: 35586
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-35704-1
Client Project/Site: Omar Former Rendering Plant

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
8/26/2020 7:46:58 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 9
Surrogate Summary 30
QC Sample Results 31
QC Association Summary 45
Lab Chronicle 48
Certification Summary 52
Method Summary 53
Sample Summary 54
Chain of Custody 55
Receipt Checklists 56

Definitions/Glossary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-35704-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-35704-1

Comments
No additional comments.

Receipt
The samples were received on 8/12/2020 7:00 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.3º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-88333.

Method 8260B: Unless there is a specific client QAPP requirement, the reported analyte list for batch quality control samples (LCS, LCSD, MS, and MSD) is in accordance with EPA Method 8260B. Refer to the QC Sample Results section of this report.
(LCS 570-88333/3)

Method 8260B: The lot test of the laboratory trip blank water associated with 200529A indicated a detection above the method detection limit (MDL) for the following analyte(s): Methylene Chloride.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-88612.

Method 8260B: The method blank for analytical batch 570-88612 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Orthophosphate as P analytical batch 570-87490 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-89918 and analytical batch 570-90161 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Calcium, Magnesium and Sodium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-89918 and analytical batch 570-90161 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Client Sample ID: MW-21R
Lab Sample ID: 570-35704-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	46	J	100	14	ug/L	200		8260B	Total/NA
Chloroform	140		100	12	ug/L	200		8260B	Total/NA
c-1,2-Dichloroethene	730		100	22	ug/L	200		8260B	Total/NA
1,1-Dichloroethane	350		100	12	ug/L	200		8260B	Total/NA
1,2-Dichloroethane	36	J	100	15	ug/L	200		8260B	Total/NA
1,1-Dichloroethene	210	*	100	21	ug/L	200		8260B	Total/NA
Methylene Chloride	30	J	200	8.5	ug/L	200		8260B	Total/NA
m,p-Xylene	36	J	200	30	ug/L	200		8260B	Total/NA
Tetrachloroethene	200		100	48	ug/L	200		8260B	Total/NA
1,1,2-Trichloroethane	87	J	100	14	ug/L	200		8260B	Total/NA
Trichloroethene - DL	8000		250	51	ug/L	500		8260B	Total/NA
Chloride	4700		400	140	mg/L	400		300.0	Total/NA
Nitrate as N	660		40	9.6	mg/L	400		300.0	Total/NA
Sulfate	1600		400	95	mg/L	400		300.0	Total/NA
Barium	0.0711		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	1370		40.0	9.18	mg/L	20		6010B	Dissolved
Chromium	0.0342	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Copper	0.0282	J	0.0500	0.00614	mg/L	1		6010B	Dissolved
Iron	0.192	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0396	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	549		10.0	0.986	mg/L	20		6010B	Dissolved
Manganese	4.29		0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0212	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.566		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	31.6		2.00	0.240	mg/L	1		6010B	Dissolved
Sodium	3030		40.0	22.3	mg/L	20		6010B	Dissolved
Thallium	0.0276	J	0.0500	0.0161	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	717		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	717		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	19400		4.00	3.48	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-16
Lab Sample ID: 570-35704-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.78	J	1.0	0.12	ug/L	2		8260B	Total/NA
c-1,2-Dichloroethene	2.3		1.0	0.22	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	1.3		1.0	0.12	ug/L	2		8260B	Total/NA
1,2-Dichloroethane	0.15	J	1.0	0.15	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	4.4	*	1.0	0.21	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.4		1.0	0.48	ug/L	2		8260B	Total/NA
1,1,2-Trichloroethane	0.58	J	1.0	0.14	ug/L	2		8260B	Total/NA
Trichloroethene	44		1.0	0.20	ug/L	2		8260B	Total/NA
Chloride	3500		400	140	mg/L	400		300.0	Total/NA
Nitrate as N	73		40	9.6	mg/L	400		300.0	Total/NA
Sulfate	970		400	95	mg/L	400		300.0	Total/NA
Barium	0.0576		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00227	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	596		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0128	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.134	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0309	J	0.0500	0.00821	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-16 (Continued)
Lab Sample ID: 570-35704-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	289		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.0462	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.00583	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.0105	J	0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	11.2		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0432	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Silver	0.00307	J	0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium	2400		40.0	22.3	mg/L	20		6010B	Dissolved
Mercury	0.000214	J	0.000500	0.000141	mg/L	1		7470A	Dissolved
Alkalinity, Total (As CaCO3)	527		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	527		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	10300		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Non Program Dup
Lab Sample ID: 570-35704-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.096	J	0.50	0.072	ug/L	1		8260B	Total/NA
Chloroform	0.79		0.50	0.062	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	2.3		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.3		0.50	0.060	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	0.17	J	0.50	0.075	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.4	*	0.50	0.10	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.6		0.50	0.24	ug/L	1		8260B	Total/NA
t-1,2-Dichloroethene	0.10	J	0.50	0.082	ug/L	1		8260B	Total/NA
1,1,2-Trichloroethane	0.68		0.50	0.069	ug/L	1		8260B	Total/NA
Trichloroethene - DL	47		1.0	0.20	ug/L	2		8260B	Total/NA
Chloride	3500		400	140	mg/L	400		300.0	Total/NA
Nitrate as N	72		40	9.6	mg/L	400		300.0	Total/NA
Sulfate	960		400	95	mg/L	400		300.0	Total/NA
Barium	0.0561		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	590		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0129	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.135	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0325	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	287		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.0442	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Nickel	0.00963	J	0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	11.2		2.00	0.240	mg/L	1		6010B	Dissolved
Sodium	2410		40.0	22.3	mg/L	20		6010B	Dissolved
Mercury	0.000208	J	0.000500	0.000141	mg/L	1		7470A	Dissolved
Alkalinity, Total (As CaCO3)	530		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	530		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9300		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: QCEB
Lab Sample ID: 570-35704-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17		10	4.0	ug/L	1		8260B	Total/NA
2-Butanone	0.52	J	5.0	0.46	ug/L	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	7.5	J	10	4.0	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	0.26	J *	0.50	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar Former Rendering Plant

Job ID: 570-35704-1

Client Sample ID: QCTB — Lab Sample ID: 570-35704-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.13	J	1.0	0.043	ug/L	1		8260B	Total/NA

Client Sample ID: MW-17 — Lab Sample ID: 570-35704-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.5		0.50	0.10	ug/L	1		8260B	Total/NA
Chloride	1700		400	140	mg/L	400		300.0	Total/NA
Nitrate as N	13		0.20	0.048	mg/L	2		300.0	Total/NA
Sulfate	560		400	95	mg/L	400		300.0	Total/NA
Barium	0.104		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	356		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.00829	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Lead	0.0328	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	178		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.705		0.0500	0.00405	mg/L	1		6010B	Dissolved
Potassium	4.87		2.00	0.240	mg/L	1		6010B	Dissolved
Silver	0.00315	J	0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium	967		2.00	1.11	mg/L	1		6010B	Dissolved
Thallium	0.0218	J	0.0500	0.0161	mg/L	1		6010B	Dissolved
Vanadium	0.00795	J	0.0100	0.00297	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	364		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	364		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6040		1.00	0.870	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-20 — Lab Sample ID: 570-35704-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.17	J	0.50	0.062	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.24	J	0.50	0.060	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.51		0.50	0.24	ug/L	1		8260B	Total/NA
1,1,2-Trichloroethane	0.18	J	0.50	0.069	ug/L	1		8260B	Total/NA
Trichloroethene	13		0.50	0.10	ug/L	1		8260B	Total/NA
Chloride	5400		400	140	mg/L	400		300.0	Total/NA
Nitrate as N	60		40	9.6	mg/L	400		300.0	Total/NA
Sulfate	1600		400	95	mg/L	400		300.0	Total/NA
Barium	0.0469		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	833		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.224		0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.147	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0291	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	462		0.500	0.0493	mg/L	1		6010B	Dissolved
Nickel	0.0224	J	0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	9.92		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0343	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Sodium	3820		40.0	22.3	mg/L	20		6010B	Dissolved
Vanadium	0.00896	J	0.0100	0.00297	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	518		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	518		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	14000		4.00	3.48	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Client Sample ID: MW-23
Lab Sample ID: 570-35704-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	19	J	100	12	ug/L	200		8260B	Total/NA
c-1,2-Dichloroethene	27	J	100	22	ug/L	200		8260B	Total/NA
1,1-Dichloroethane	76	J	100	12	ug/L	200		8260B	Total/NA
1,1-Dichloroethene	38	J *	100	21	ug/L	200		8260B	Total/NA
Trichloroethene - DL	9100		250	51	ug/L	500		8260B	Total/NA
Chloride	2900		100	36	mg/L	100		300.0	Total/NA
Nitrate as N	230		10	2.4	mg/L	100		300.0	Total/NA
Sulfate	1500		100	24	mg/L	100		300.0	Total/NA
Arsenic	0.0372	J	0.100	0.0181	mg/L	1		6010B	Dissolved
Barium	0.0451		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00382	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	361		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0927		0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.169	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0250	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	382		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.421		0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.240		0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.692		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	7.39		2.00	0.240	mg/L	1		6010B	Dissolved
Sodium	2580		40.0	22.3	mg/L	20		6010B	Dissolved
Vanadium	0.155		0.0100	0.00297	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	685		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	685		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	11000		2.00	1.74	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-21R
Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2000	800	ug/L			08/18/20 04:31	200
Benzene	**46**	**J**	100	14	ug/L			08/18/20 04:31	200
Bromobenzene	ND		100	12	ug/L			08/18/20 04:31	200
Bromochloromethane	ND		200	16	ug/L			08/18/20 04:31	200
Bromodichloromethane	ND		100	11	ug/L			08/18/20 04:31	200
Bromoform	ND		100	19	ug/L			08/18/20 04:31	200
Bromomethane	ND		400	200	ug/L			08/18/20 04:31	200
2-Butanone	ND		1000	92	ug/L			08/18/20 04:31	200
Carbon disulfide	ND	*	2000	77	ug/L			08/18/20 04:31	200
Carbon tetrachloride	ND		100	11	ug/L			08/18/20 04:31	200
Chlorobenzene	ND		100	18	ug/L			08/18/20 04:31	200
Chloroethane	ND		100	23	ug/L			08/18/20 04:31	200
Chloroform	**140**		100	12	ug/L			08/18/20 04:31	200
Chloromethane	ND		1000	390	ug/L			08/18/20 04:31	200
2-Chlorotoluene	ND		100	12	ug/L			08/18/20 04:31	200
4-Chlorotoluene	ND		100	18	ug/L			08/18/20 04:31	200
c-1,2-Dichloroethene	**730**		100	22	ug/L			08/18/20 04:31	200
c-1,3-Dichloropropene	ND		100	19	ug/L			08/18/20 04:31	200
Dibromochloromethane	ND		100	13	ug/L			08/18/20 04:31	200
1,2-Dibromo-3-Chloropropane	ND		1000	100	ug/L			08/18/20 04:31	200
1,2-Dibromoethane	ND		100	12	ug/L			08/18/20 04:31	200
Dibromomethane	ND		100	25	ug/L			08/18/20 04:31	200
1,2-Dichlorobenzene	ND		100	16	ug/L			08/18/20 04:31	200
1,3-Dichlorobenzene	ND		100	20	ug/L			08/18/20 04:31	200
1,4-Dichlorobenzene	ND		100	15	ug/L			08/18/20 04:31	200
Dichlorodifluoromethane	ND		200	20	ug/L			08/18/20 04:31	200
1,1-Dichloroethane	**350**		100	12	ug/L			08/18/20 04:31	200
1,2-Dichloroethane	**36**	**J**	100	15	ug/L			08/18/20 04:31	200
1,1-Dichloroethene	**210**	*	100	21	ug/L			08/18/20 04:31	200
1,2-Dichloropropane	ND		100	20	ug/L			08/18/20 04:31	200
1,3-Dichloropropane	ND		200	16	ug/L			08/18/20 04:31	200
2,2-Dichloropropane	ND		200	75	ug/L			08/18/20 04:31	200
1,1-Dichloropropene	ND		100	14	ug/L			08/18/20 04:31	200
Di-isopropyl ether (DIPE)	ND		100	14	ug/L			08/18/20 04:31	200
Ethanol	ND		10000	4000	ug/L			08/18/20 04:31	200
Ethylbenzene	ND		100	17	ug/L			08/18/20 04:31	200
Ethyl-t-butyl ether (ETBE)	ND		100	17	ug/L			08/18/20 04:31	200
2-Hexanone	ND		2000	100	ug/L			08/18/20 04:31	200
Isopropylbenzene	ND		100	15	ug/L			08/18/20 04:31	200
Methylene Chloride	**30**	**J**	200	8.5	ug/L			08/18/20 04:31	200
4-Methyl-2-pentanone	ND		1000	83	ug/L			08/18/20 04:31	200
Methyl-t-Butyl Ether (MTBE)	ND		100	13	ug/L			08/18/20 04:31	200
m,p-Xylene	**36**	**J**	200	30	ug/L			08/18/20 04:31	200
Naphthalene	ND		200	19	ug/L			08/18/20 04:31	200
n-Butylbenzene	ND		100	22	ug/L			08/18/20 04:31	200
N-Propylbenzene	ND		100	15	ug/L			08/18/20 04:31	200
o-Xylene	ND		100	17	ug/L			08/18/20 04:31	200
p-Isopropyltoluene	ND		100	15	ug/L			08/18/20 04:31	200
sec-Butylbenzene	ND		100	19	ug/L			08/18/20 04:31	200

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-21R
Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		100	12	ug/L			08/18/20 04:31	200
Tert-amyl-methyl ether (TAME)	ND		100	20	ug/L			08/18/20 04:31	200
tert-Butyl alcohol (TBA)	ND		2000	800	ug/L			08/18/20 04:31	200
tert-Butylbenzene	ND		100	16	ug/L			08/18/20 04:31	200
1,1,1,2-Tetrachloroethane	ND		100	14	ug/L			08/18/20 04:31	200
1,1,2,2-Tetrachloroethane	ND		100	17	ug/L			08/18/20 04:31	200
Tetrachloroethene	**200**		100	48	ug/L			08/18/20 04:31	200
Toluene	ND		100	19	ug/L			08/18/20 04:31	200
t-1,2-Dichloroethene	ND		100	16	ug/L			08/18/20 04:31	200
t-1,3-Dichloropropene	ND		100	11	ug/L			08/18/20 04:31	200
1,2,3-Trichlorobenzene	ND		100	24	ug/L			08/18/20 04:31	200
1,2,4-Trichlorobenzene	ND		100	18	ug/L			08/18/20 04:31	200
1,1,1-Trichloroethane	ND		100	17	ug/L			08/18/20 04:31	200
1,1,2-Trichloroethane	**87**	**J**	100	14	ug/L			08/18/20 04:31	200
Trichlorofluoromethane	ND	*	100	21	ug/L			08/18/20 04:31	200
1,2,3-Trichloropropane	ND		200	15	ug/L			08/18/20 04:31	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	100	25	ug/L			08/18/20 04:31	200
1,2,4-Trimethylbenzene	ND		100	14	ug/L			08/18/20 04:31	200
1,3,5-Trimethylbenzene	ND		100	16	ug/L			08/18/20 04:31	200
Vinyl acetate	ND		1000	140	ug/L			08/18/20 04:31	200
Vinyl chloride	ND		100	16	ug/L			08/18/20 04:31	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*08/18/20 04:31*	*200*
Dibromofluoromethane	*102*		*80 - 127*		*08/18/20 04:31*	*200*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*08/18/20 04:31*	*200*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/18/20 04:31*	*200*

Client Sample ID: MW-16
Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	8.0	ug/L			08/18/20 05:00	2
Benzene	ND		1.0	0.14	ug/L			08/18/20 05:00	2
Bromobenzene	ND		1.0	0.12	ug/L			08/18/20 05:00	2
Bromochloromethane	ND		2.0	0.16	ug/L			08/18/20 05:00	2
Bromodichloromethane	ND		1.0	0.11	ug/L			08/18/20 05:00	2
Bromoform	ND		1.0	0.19	ug/L			08/18/20 05:00	2
Bromomethane	ND		4.0	2.0	ug/L			08/18/20 05:00	2
2-Butanone	ND		10	0.92	ug/L			08/18/20 05:00	2
Carbon disulfide	ND	*	20	0.77	ug/L			08/18/20 05:00	2
Carbon tetrachloride	ND		1.0	0.11	ug/L			08/18/20 05:00	2
Chlorobenzene	ND		1.0	0.18	ug/L			08/18/20 05:00	2
Chloroethane	ND		1.0	0.23	ug/L			08/18/20 05:00	2
Chloroform	**0.78**	**J**	1.0	0.12	ug/L			08/18/20 05:00	2
Chloromethane	ND		10	3.9	ug/L			08/18/20 05:00	2
2-Chlorotoluene	ND		1.0	0.12	ug/L			08/18/20 05:00	2
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/18/20 05:00	2
c-1,2-Dichloroethene	**2.3**		1.0	0.22	ug/L			08/18/20 05:00	2
c-1,3-Dichloropropene	ND		1.0	0.19	ug/L			08/18/20 05:00	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-16
Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.13	ug/L			08/18/20 05:00	2
1,2-Dibromo-3-Chloropropane	ND		10	1.0	ug/L			08/18/20 05:00	2
1,2-Dibromoethane	ND		1.0	0.12	ug/L			08/18/20 05:00	2
Dibromomethane	ND		1.0	0.25	ug/L			08/18/20 05:00	2
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L			08/18/20 05:00	2
1,3-Dichlorobenzene	ND		1.0	0.20	ug/L			08/18/20 05:00	2
1,4-Dichlorobenzene	ND		1.0	0.15	ug/L			08/18/20 05:00	2
Dichlorodifluoromethane	ND		2.0	0.20	ug/L			08/18/20 05:00	2
1,1-Dichloroethane	**1.3**		1.0	0.12	ug/L			08/18/20 05:00	2
1,2-Dichloroethane	**0.15**	**J**	1.0	0.15	ug/L			08/18/20 05:00	2
1,1-Dichloroethene	**4.4**	*****	1.0	0.21	ug/L			08/18/20 05:00	2
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/18/20 05:00	2
1,3-Dichloropropane	ND		2.0	0.16	ug/L			08/18/20 05:00	2
2,2-Dichloropropane	ND		2.0	0.75	ug/L			08/18/20 05:00	2
1,1-Dichloropropene	ND		1.0	0.14	ug/L			08/18/20 05:00	2
Di-isopropyl ether (DIPE)	ND		1.0	0.14	ug/L			08/18/20 05:00	2
Ethanol	ND		100	40	ug/L			08/18/20 05:00	2
Ethylbenzene	ND		1.0	0.17	ug/L			08/18/20 05:00	2
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.17	ug/L			08/18/20 05:00	2
2-Hexanone	ND		20	1.0	ug/L			08/18/20 05:00	2
Isopropylbenzene	ND		1.0	0.15	ug/L			08/18/20 05:00	2
Methylene Chloride	ND		2.0	0.085	ug/L			08/18/20 05:00	2
4-Methyl-2-pentanone	ND		10	0.83	ug/L			08/18/20 05:00	2
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.13	ug/L			08/18/20 05:00	2
m,p-Xylene	ND		2.0	0.30	ug/L			08/18/20 05:00	2
Naphthalene	ND		2.0	0.19	ug/L			08/18/20 05:00	2
n-Butylbenzene	ND		1.0	0.22	ug/L			08/18/20 05:00	2
N-Propylbenzene	ND		1.0	0.15	ug/L			08/18/20 05:00	2
o-Xylene	ND		1.0	0.17	ug/L			08/18/20 05:00	2
p-Isopropyltoluene	ND		1.0	0.15	ug/L			08/18/20 05:00	2
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/18/20 05:00	2
Styrene	ND		1.0	0.12	ug/L			08/18/20 05:00	2
Tert-amyl-methyl ether (TAME)	ND		1.0	0.20	ug/L			08/18/20 05:00	2
tert-Butyl alcohol (TBA)	ND		20	8.0	ug/L			08/18/20 05:00	2
tert-Butylbenzene	ND		1.0	0.16	ug/L			08/18/20 05:00	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.14	ug/L			08/18/20 05:00	2
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/18/20 05:00	2
Tetrachloroethene	**1.4**		1.0	0.48	ug/L			08/18/20 05:00	2
Toluene	ND		1.0	0.19	ug/L			08/18/20 05:00	2
t-1,2-Dichloroethene	ND		1.0	0.16	ug/L			08/18/20 05:00	2
t-1,3-Dichloropropene	ND		1.0	0.11	ug/L			08/18/20 05:00	2
1,2,3-Trichlorobenzene	ND		1.0	0.24	ug/L			08/18/20 05:00	2
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L			08/18/20 05:00	2
1,1,1-Trichloroethane	ND		1.0	0.17	ug/L			08/18/20 05:00	2
1,1,2-Trichloroethane	**0.58**	**J**	1.0	0.14	ug/L			08/18/20 05:00	2
Trichloroethene	**44**		1.0	0.20	ug/L			08/18/20 05:00	2
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			08/18/20 05:00	2
1,2,3-Trichloropropane	ND		2.0	0.15	ug/L			08/18/20 05:00	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	1.0	0.25	ug/L			08/18/20 05:00	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-16
Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.14	ug/L			08/18/20 05:00	2
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			08/18/20 05:00	2
Vinyl acetate	ND		10	1.4	ug/L			08/18/20 05:00	2
Vinyl chloride	ND		1.0	0.16	ug/L			08/18/20 05:00	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*08/18/20 05:00*	*2*
Dibromofluoromethane	*102*		*80 - 127*		*08/18/20 05:00*	*2*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*08/18/20 05:00*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/18/20 05:00*	*2*

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/18/20 05:28	1
Benzene	**0.096**	**J**	0.50	0.072	ug/L			08/18/20 05:28	1
Bromobenzene	ND		0.50	0.061	ug/L			08/18/20 05:28	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/18/20 05:28	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/18/20 05:28	1
Bromoform	ND		0.50	0.096	ug/L			08/18/20 05:28	1
Bromomethane	ND		2.0	0.99	ug/L			08/18/20 05:28	1
2-Butanone	ND		5.0	0.46	ug/L			08/18/20 05:28	1
Carbon disulfide	ND	*	10	0.39	ug/L			08/18/20 05:28	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/18/20 05:28	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/18/20 05:28	1
Chloroethane	ND		0.50	0.12	ug/L			08/18/20 05:28	1
Chloroform	**0.79**		0.50	0.062	ug/L			08/18/20 05:28	1
Chloromethane	ND		5.0	2.0	ug/L			08/18/20 05:28	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/18/20 05:28	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/18/20 05:28	1
c-1,2-Dichloroethene	**2.3**		0.50	0.11	ug/L			08/18/20 05:28	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/18/20 05:28	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/18/20 05:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/18/20 05:28	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/18/20 05:28	1
Dibromomethane	ND		0.50	0.13	ug/L			08/18/20 05:28	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/18/20 05:28	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/18/20 05:28	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/18/20 05:28	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/18/20 05:28	1
1,1-Dichloroethane	**1.3**		0.50	0.060	ug/L			08/18/20 05:28	1
1,2-Dichloroethane	**0.17**	**J**	0.50	0.075	ug/L			08/18/20 05:28	1
1,1-Dichloroethene	**5.4**	*****	0.50	0.10	ug/L			08/18/20 05:28	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/18/20 05:28	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/18/20 05:28	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/18/20 05:28	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/18/20 05:28	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/18/20 05:28	1
Ethanol	ND		50	20	ug/L			08/18/20 05:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.087	ug/L			08/18/20 05:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/18/20 05:28	1
2-Hexanone	ND		10	0.50	ug/L			08/18/20 05:28	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/18/20 05:28	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/18/20 05:28	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/18/20 05:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/18/20 05:28	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/18/20 05:28	1
Naphthalene	ND		1.0	0.097	ug/L			08/18/20 05:28	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/18/20 05:28	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/18/20 05:28	1
o-Xylene	ND		0.50	0.086	ug/L			08/18/20 05:28	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/18/20 05:28	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/18/20 05:28	1
Styrene	ND		0.50	0.059	ug/L			08/18/20 05:28	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/18/20 05:28	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/18/20 05:28	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/18/20 05:28	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/18/20 05:28	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/18/20 05:28	1
Tetrachloroethene	**1.6**		0.50	0.24	ug/L			08/18/20 05:28	1
Toluene	ND		0.50	0.093	ug/L			08/18/20 05:28	1
t-1,2-Dichloroethene	**0.10**	**J**	0.50	0.082	ug/L			08/18/20 05:28	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/18/20 05:28	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/18/20 05:28	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/18/20 05:28	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/18/20 05:28	1
1,1,2-Trichloroethane	**0.68**		0.50	0.069	ug/L			08/18/20 05:28	1
Trichlorofluoromethane	ND	*	0.50	0.10	ug/L			08/18/20 05:28	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/18/20 05:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/18/20 05:28	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/18/20 05:28	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/18/20 05:28	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/18/20 05:28	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/18/20 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68 - 120*		*08/18/20 05:28*	*1*
Dibromofluoromethane	*102*		*80 - 127*		*08/18/20 05:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*08/18/20 05:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/18/20 05:28*	*1*

Client Sample ID: QCEB
Date Collected: 08/12/20 12:10
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**17**		10	4.0	ug/L			08/17/20 23:14	1
Benzene	ND		0.50	0.072	ug/L			08/17/20 23:14	1
Bromobenzene	ND		0.50	0.061	ug/L			08/17/20 23:14	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/17/20 23:14	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 08/12/20 12:10
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.50	0.053	ug/L			08/17/20 23:14	1
Bromoform	ND		0.50	0.096	ug/L			08/17/20 23:14	1
Bromomethane	ND		2.0	0.99	ug/L			08/17/20 23:14	1
2-Butanone	**0.52**	**J**	5.0	0.46	ug/L			08/17/20 23:14	1
Carbon disulfide	ND	*	10	0.39	ug/L			08/17/20 23:14	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/17/20 23:14	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/17/20 23:14	1
Chloroethane	ND		0.50	0.12	ug/L			08/17/20 23:14	1
Chloroform	ND		0.50	0.062	ug/L			08/17/20 23:14	1
Chloromethane	ND		5.0	2.0	ug/L			08/17/20 23:14	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/17/20 23:14	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/17/20 23:14	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/17/20 23:14	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/17/20 23:14	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/17/20 23:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/17/20 23:14	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/17/20 23:14	1
Dibromomethane	ND		0.50	0.13	ug/L			08/17/20 23:14	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/17/20 23:14	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/17/20 23:14	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/17/20 23:14	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/17/20 23:14	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/17/20 23:14	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/17/20 23:14	1
1,1-Dichloroethene	ND	*	0.50	0.10	ug/L			08/17/20 23:14	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/17/20 23:14	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/17/20 23:14	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/17/20 23:14	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/17/20 23:14	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/17/20 23:14	1
Ethanol	ND		50	20	ug/L			08/17/20 23:14	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/17/20 23:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/17/20 23:14	1
2-Hexanone	ND		10	0.50	ug/L			08/17/20 23:14	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/17/20 23:14	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/17/20 23:14	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/17/20 23:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/17/20 23:14	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/17/20 23:14	1
Naphthalene	ND		1.0	0.097	ug/L			08/17/20 23:14	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/17/20 23:14	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/17/20 23:14	1
o-Xylene	ND		0.50	0.086	ug/L			08/17/20 23:14	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/17/20 23:14	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/17/20 23:14	1
Styrene	ND		0.50	0.059	ug/L			08/17/20 23:14	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/17/20 23:14	1
tert-Butyl alcohol (TBA)	**7.5**	**J**	10	4.0	ug/L			08/17/20 23:14	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/17/20 23:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 08/12/20 12:10
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/17/20 23:14	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/17/20 23:14	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/17/20 23:14	1
Toluene	ND		0.50	0.093	ug/L			08/17/20 23:14	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/17/20 23:14	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/17/20 23:14	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/17/20 23:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/17/20 23:14	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/17/20 23:14	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/17/20 23:14	1
Trichloroethene	ND		0.50	0.10	ug/L			08/17/20 23:14	1
Trichlorofluoromethane	**0.26**	**J ***	0.50	0.10	ug/L			08/17/20 23:14	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/17/20 23:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/17/20 23:14	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/17/20 23:14	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/17/20 23:14	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/17/20 23:14	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/17/20 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*08/17/20 23:14*	*1*
Dibromofluoromethane	*102*		*80 - 127*		*08/17/20 23:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*08/17/20 23:14*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/17/20 23:14*	*1*

Client Sample ID: QCTB
Date Collected: 08/12/20 07:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/17/20 23:43	1
Benzene	ND		0.50	0.072	ug/L			08/17/20 23:43	1
Bromobenzene	ND		0.50	0.061	ug/L			08/17/20 23:43	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/17/20 23:43	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/17/20 23:43	1
Bromoform	ND		0.50	0.096	ug/L			08/17/20 23:43	1
Bromomethane	ND		2.0	0.99	ug/L			08/17/20 23:43	1
2-Butanone	ND		5.0	0.46	ug/L			08/17/20 23:43	1
Carbon disulfide	ND	*	10	0.39	ug/L			08/17/20 23:43	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/17/20 23:43	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/17/20 23:43	1
Chloroethane	ND		0.50	0.12	ug/L			08/17/20 23:43	1
Chloroform	ND		0.50	0.062	ug/L			08/17/20 23:43	1
Chloromethane	ND		5.0	2.0	ug/L			08/17/20 23:43	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/17/20 23:43	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/17/20 23:43	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/17/20 23:43	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/17/20 23:43	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/17/20 23:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/17/20 23:43	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/17/20 23:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 08/12/20 07:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50	0.13	ug/L			08/17/20 23:43	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/17/20 23:43	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/17/20 23:43	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/17/20 23:43	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/17/20 23:43	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/17/20 23:43	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/17/20 23:43	1
1,1-Dichloroethene	ND	*	0.50	0.10	ug/L			08/17/20 23:43	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/17/20 23:43	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/17/20 23:43	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/17/20 23:43	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/17/20 23:43	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/17/20 23:43	1
Ethanol	ND		50	20	ug/L			08/17/20 23:43	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/17/20 23:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/17/20 23:43	1
2-Hexanone	ND		10	0.50	ug/L			08/17/20 23:43	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/17/20 23:43	1
Methylene Chloride	**0.13**	**J**	1.0	0.043	ug/L			08/17/20 23:43	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/17/20 23:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/17/20 23:43	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/17/20 23:43	1
Naphthalene	ND		1.0	0.097	ug/L			08/17/20 23:43	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/17/20 23:43	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/17/20 23:43	1
o-Xylene	ND		0.50	0.086	ug/L			08/17/20 23:43	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/17/20 23:43	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/17/20 23:43	1
Styrene	ND		0.50	0.059	ug/L			08/17/20 23:43	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/17/20 23:43	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/17/20 23:43	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/17/20 23:43	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/17/20 23:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/17/20 23:43	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/17/20 23:43	1
Toluene	ND		0.50	0.093	ug/L			08/17/20 23:43	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/17/20 23:43	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/17/20 23:43	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/17/20 23:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/17/20 23:43	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/17/20 23:43	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/17/20 23:43	1
Trichloroethene	ND		0.50	0.10	ug/L			08/17/20 23:43	1
Trichlorofluoromethane	ND	*	0.50	0.10	ug/L			08/17/20 23:43	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/17/20 23:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/17/20 23:43	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/17/20 23:43	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/17/20 23:43	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/17/20 23:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 08/12/20 07:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.078	ug/L			08/17/20 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*08/17/20 23:43*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*08/17/20 23:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*08/17/20 23:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/17/20 23:43*	*1*

Client Sample ID: MW-17
Date Collected: 08/12/20 11:53
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/18/20 05:57	1
Benzene	ND		0.50	0.072	ug/L			08/18/20 05:57	1
Bromobenzene	ND		0.50	0.061	ug/L			08/18/20 05:57	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/18/20 05:57	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/18/20 05:57	1
Bromoform	ND		0.50	0.096	ug/L			08/18/20 05:57	1
Bromomethane	ND		2.0	0.99	ug/L			08/18/20 05:57	1
2-Butanone	ND		5.0	0.46	ug/L			08/18/20 05:57	1
Carbon disulfide	ND	*	10	0.39	ug/L			08/18/20 05:57	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/18/20 05:57	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/18/20 05:57	1
Chloroethane	ND		0.50	0.12	ug/L			08/18/20 05:57	1
Chloroform	ND		0.50	0.062	ug/L			08/18/20 05:57	1
Chloromethane	ND		5.0	2.0	ug/L			08/18/20 05:57	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/18/20 05:57	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/18/20 05:57	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/18/20 05:57	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/18/20 05:57	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/18/20 05:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/18/20 05:57	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/18/20 05:57	1
Dibromomethane	ND		0.50	0.13	ug/L			08/18/20 05:57	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/18/20 05:57	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/18/20 05:57	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/18/20 05:57	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/18/20 05:57	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/18/20 05:57	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/18/20 05:57	1
1,1-Dichloroethene	ND	*	0.50	0.10	ug/L			08/18/20 05:57	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/18/20 05:57	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/18/20 05:57	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/18/20 05:57	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/18/20 05:57	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/18/20 05:57	1
Ethanol	ND		50	20	ug/L			08/18/20 05:57	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/18/20 05:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/18/20 05:57	1
2-Hexanone	ND		10	0.50	ug/L			08/18/20 05:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-17
Date Collected: 08/12/20 11:53
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50	0.077	ug/L			08/18/20 05:57	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/18/20 05:57	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/18/20 05:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/18/20 05:57	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/18/20 05:57	1
Naphthalene	ND		1.0	0.097	ug/L			08/18/20 05:57	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/18/20 05:57	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/18/20 05:57	1
o-Xylene	ND		0.50	0.086	ug/L			08/18/20 05:57	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/18/20 05:57	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/18/20 05:57	1
Styrene	ND		0.50	0.059	ug/L			08/18/20 05:57	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/18/20 05:57	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/18/20 05:57	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/18/20 05:57	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/18/20 05:57	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/18/20 05:57	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/18/20 05:57	1
Toluene	ND		0.50	0.093	ug/L			08/18/20 05:57	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/18/20 05:57	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/18/20 05:57	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/18/20 05:57	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/18/20 05:57	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/18/20 05:57	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/18/20 05:57	1
Trichloroethene	**3.5**		0.50	0.10	ug/L			08/18/20 05:57	1
Trichlorofluoromethane	ND	*	0.50	0.10	ug/L			08/18/20 05:57	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/18/20 05:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/18/20 05:57	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/18/20 05:57	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/18/20 05:57	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/18/20 05:57	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/18/20 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68 - 120*		*08/18/20 05:57*	*1*
Dibromofluoromethane	*103*		*80 - 127*		*08/18/20 05:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*08/18/20 05:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/20 05:57*	*1*

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/18/20 06:26	1
Benzene	ND		0.50	0.072	ug/L			08/18/20 06:26	1
Bromobenzene	ND		0.50	0.061	ug/L			08/18/20 06:26	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/18/20 06:26	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/18/20 06:26	1
Bromoform	ND		0.50	0.096	ug/L			08/18/20 06:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		2.0	0.99	ug/L			08/18/20 06:26	1
2-Butanone	ND		5.0	0.46	ug/L			08/18/20 06:26	1
Carbon disulfide	ND	*	10	0.39	ug/L			08/18/20 06:26	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/18/20 06:26	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/18/20 06:26	1
Chloroethane	ND		0.50	0.12	ug/L			08/18/20 06:26	1
Chloroform	**0.17**	**J**	0.50	0.062	ug/L			08/18/20 06:26	1
Chloromethane	ND		5.0	2.0	ug/L			08/18/20 06:26	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/18/20 06:26	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/18/20 06:26	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/18/20 06:26	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/18/20 06:26	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/18/20 06:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/18/20 06:26	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/18/20 06:26	1
Dibromomethane	ND		0.50	0.13	ug/L			08/18/20 06:26	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/18/20 06:26	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/18/20 06:26	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/18/20 06:26	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/18/20 06:26	1
1,1-Dichloroethane	**0.24**	**J**	0.50	0.060	ug/L			08/18/20 06:26	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/18/20 06:26	1
1,1-Dichloroethene	ND	*	0.50	0.10	ug/L			08/18/20 06:26	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/18/20 06:26	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/18/20 06:26	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/18/20 06:26	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/18/20 06:26	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/18/20 06:26	1
Ethanol	ND		50	20	ug/L			08/18/20 06:26	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/18/20 06:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/18/20 06:26	1
2-Hexanone	ND		10	0.50	ug/L			08/18/20 06:26	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/18/20 06:26	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/18/20 06:26	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/18/20 06:26	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/18/20 06:26	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/18/20 06:26	1
Naphthalene	ND		1.0	0.097	ug/L			08/18/20 06:26	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/18/20 06:26	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/18/20 06:26	1
o-Xylene	ND		0.50	0.086	ug/L			08/18/20 06:26	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/18/20 06:26	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/18/20 06:26	1
Styrene	ND		0.50	0.059	ug/L			08/18/20 06:26	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/18/20 06:26	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/18/20 06:26	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/18/20 06:26	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/18/20 06:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/18/20 06:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.51**		0.50	0.24	ug/L			08/18/20 06:26	1
Toluene	ND		0.50	0.093	ug/L			08/18/20 06:26	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/18/20 06:26	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/18/20 06:26	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/18/20 06:26	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/18/20 06:26	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/18/20 06:26	1
1,1,2-Trichloroethane	**0.18**	**J**	0.50	0.069	ug/L			08/18/20 06:26	1
Trichloroethene	**13**		0.50	0.10	ug/L			08/18/20 06:26	1
Trichlorofluoromethane	ND	*	0.50	0.10	ug/L			08/18/20 06:26	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/18/20 06:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/18/20 06:26	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/18/20 06:26	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/18/20 06:26	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/18/20 06:26	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/18/20 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*08/18/20 06:26*	*1*
Dibromofluoromethane	*104*		*80 - 127*		*08/18/20 06:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*80 - 128*		*08/18/20 06:26*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/20 06:26*	*1*

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2000	800	ug/L			08/18/20 06:54	200
Benzene	ND		100	14	ug/L			08/18/20 06:54	200
Bromobenzene	ND		100	12	ug/L			08/18/20 06:54	200
Bromochloromethane	ND		200	16	ug/L			08/18/20 06:54	200
Bromodichloromethane	ND		100	11	ug/L			08/18/20 06:54	200
Bromoform	ND		100	19	ug/L			08/18/20 06:54	200
Bromomethane	ND		400	200	ug/L			08/18/20 06:54	200
2-Butanone	ND		1000	92	ug/L			08/18/20 06:54	200
Carbon disulfide	ND	*	2000	77	ug/L			08/18/20 06:54	200
Carbon tetrachloride	ND		100	11	ug/L			08/18/20 06:54	200
Chlorobenzene	ND		100	18	ug/L			08/18/20 06:54	200
Chloroethane	ND		100	23	ug/L			08/18/20 06:54	200
Chloroform	**19**	**J**	100	12	ug/L			08/18/20 06:54	200
Chloromethane	ND		1000	390	ug/L			08/18/20 06:54	200
2-Chlorotoluene	ND		100	12	ug/L			08/18/20 06:54	200
4-Chlorotoluene	ND		100	18	ug/L			08/18/20 06:54	200
c-1,2-Dichloroethene	**27**	**J**	100	22	ug/L			08/18/20 06:54	200
c-1,3-Dichloropropene	ND		100	19	ug/L			08/18/20 06:54	200
Dibromochloromethane	ND		100	13	ug/L			08/18/20 06:54	200
1,2-Dibromo-3-Chloropropane	ND		1000	100	ug/L			08/18/20 06:54	200
1,2-Dibromoethane	ND		100	12	ug/L			08/18/20 06:54	200
Dibromomethane	ND		100	25	ug/L			08/18/20 06:54	200
1,2-Dichlorobenzene	ND		100	16	ug/L			08/18/20 06:54	200

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		100	20	ug/L			08/18/20 06:54	200
1,4-Dichlorobenzene	ND		100	15	ug/L			08/18/20 06:54	200
Dichlorodifluoromethane	ND		200	20	ug/L			08/18/20 06:54	200
1,1-Dichloroethane	**76**	**J**	100	12	ug/L			08/18/20 06:54	200
1,2-Dichloroethane	ND		100	15	ug/L			08/18/20 06:54	200
1,1-Dichloroethene	**38**	**J ***	100	21	ug/L			08/18/20 06:54	200
1,2-Dichloropropane	ND		100	20	ug/L			08/18/20 06:54	200
1,3-Dichloropropane	ND		200	16	ug/L			08/18/20 06:54	200
2,2-Dichloropropane	ND		200	75	ug/L			08/18/20 06:54	200
1,1-Dichloropropene	ND		100	14	ug/L			08/18/20 06:54	200
Di-isopropyl ether (DIPE)	ND		100	14	ug/L			08/18/20 06:54	200
Ethanol	ND		10000	4000	ug/L			08/18/20 06:54	200
Ethylbenzene	ND		100	17	ug/L			08/18/20 06:54	200
Ethyl-t-butyl ether (ETBE)	ND		100	17	ug/L			08/18/20 06:54	200
2-Hexanone	ND		2000	100	ug/L			08/18/20 06:54	200
Isopropylbenzene	ND		100	15	ug/L			08/18/20 06:54	200
Methylene Chloride	ND		200	8.5	ug/L			08/18/20 06:54	200
4-Methyl-2-pentanone	ND		1000	83	ug/L			08/18/20 06:54	200
Methyl-t-Butyl Ether (MTBE)	ND		100	13	ug/L			08/18/20 06:54	200
m,p-Xylene	ND		200	30	ug/L			08/18/20 06:54	200
Naphthalene	ND		200	19	ug/L			08/18/20 06:54	200
n-Butylbenzene	ND		100	22	ug/L			08/18/20 06:54	200
N-Propylbenzene	ND		100	15	ug/L			08/18/20 06:54	200
o-Xylene	ND		100	17	ug/L			08/18/20 06:54	200
p-Isopropyltoluene	ND		100	15	ug/L			08/18/20 06:54	200
sec-Butylbenzene	ND		100	19	ug/L			08/18/20 06:54	200
Styrene	ND		100	12	ug/L			08/18/20 06:54	200
Tert-amyl-methyl ether (TAME)	ND		100	20	ug/L			08/18/20 06:54	200
tert-Butyl alcohol (TBA)	ND		2000	800	ug/L			08/18/20 06:54	200
tert-Butylbenzene	ND		100	16	ug/L			08/18/20 06:54	200
1,1,1,2-Tetrachloroethane	ND		100	14	ug/L			08/18/20 06:54	200
1,1,2,2-Tetrachloroethane	ND		100	17	ug/L			08/18/20 06:54	200
Tetrachloroethene	ND		100	48	ug/L			08/18/20 06:54	200
Toluene	ND		100	19	ug/L			08/18/20 06:54	200
t-1,2-Dichloroethene	ND		100	16	ug/L			08/18/20 06:54	200
t-1,3-Dichloropropene	ND		100	11	ug/L			08/18/20 06:54	200
1,2,3-Trichlorobenzene	ND		100	24	ug/L			08/18/20 06:54	200
1,2,4-Trichlorobenzene	ND		100	18	ug/L			08/18/20 06:54	200
1,1,1-Trichloroethane	ND		100	17	ug/L			08/18/20 06:54	200
1,1,2-Trichloroethane	ND		100	14	ug/L			08/18/20 06:54	200
Trichlorofluoromethane	ND	*	100	21	ug/L			08/18/20 06:54	200
1,2,3-Trichloropropane	ND		200	15	ug/L			08/18/20 06:54	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	100	25	ug/L			08/18/20 06:54	200
1,2,4-Trimethylbenzene	ND		100	14	ug/L			08/18/20 06:54	200
1,3,5-Trimethylbenzene	ND		100	16	ug/L			08/18/20 06:54	200
Vinyl acetate	ND		1000	140	ug/L			08/18/20 06:54	200
Vinyl chloride	ND		100	16	ug/L			08/18/20 06:54	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68 - 120*		*08/18/20 06:54*	*200*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	104		80 - 127		08/18/20 06:54	200
1,2-Dichloroethane-d4 (Surr)	111		80 - 128		08/18/20 06:54	200
Toluene-d8 (Surr)	100		80 - 120		08/18/20 06:54	200

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Client Sample ID: MW-21R
Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	8000		250	51	ug/L			08/19/20 01:45	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 120*		*08/19/20 01:45*	*500*
Dibromofluoromethane	*101*		*80 - 127*		*08/19/20 01:45*	*500*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 128*		*08/19/20 01:45*	*500*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/19/20 01:45*	*500*

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	47		1.0	0.20	ug/L			08/19/20 02:14	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*08/19/20 02:14*	*2*
Dibromofluoromethane	*100*		*80 - 127*		*08/19/20 02:14*	*2*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*08/19/20 02:14*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/19/20 02:14*	*2*

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	9100		250	51	ug/L			08/19/20 02:43	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*08/19/20 02:43*	*500*
Dibromofluoromethane	*102*		*80 - 127*		*08/19/20 02:43*	*500*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 128*		*08/19/20 02:43*	*500*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/19/20 02:43*	*500*

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: MW-21R
Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4700**		400	140	mg/L			08/13/20 21:12	400
Nitrate as N	**660**		40	9.6	mg/L			08/13/20 21:12	400
Orthophosphate as P	ND		0.50	0.38	mg/L			08/13/20 12:06	5
Sulfate	**1600**		400	95	mg/L			08/13/20 21:12	400

Client Sample ID: MW-16
Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3500**		400	140	mg/L			08/13/20 21:33	400
Nitrate as N	**73**		40	9.6	mg/L			08/13/20 21:33	400
Orthophosphate as P	ND		0.50	0.38	mg/L			08/13/20 12:27	5
Sulfate	**970**		400	95	mg/L			08/13/20 21:33	400

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3500**		400	140	mg/L			08/13/20 22:13	400
Nitrate as N	**72**		40	9.6	mg/L			08/13/20 22:13	400
Orthophosphate as P	ND		0.50	0.38	mg/L			08/13/20 12:47	5
Sulfate	**960**		400	95	mg/L			08/13/20 22:13	400

Client Sample ID: MW-17
Date Collected: 08/12/20 11:53
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1700**		400	140	mg/L			08/13/20 22:54	400
Nitrate as N	**13**		0.20	0.048	mg/L			08/13/20 13:07	2
Orthophosphate as P	ND		0.20	0.15	mg/L			08/13/20 13:07	2
Sulfate	**560**		400	95	mg/L			08/13/20 22:54	400

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5400**		400	140	mg/L			08/13/20 23:15	400
Nitrate as N	**60**		40	9.6	mg/L			08/13/20 23:15	400
Orthophosphate as P	ND		0.50	0.38	mg/L			08/13/20 13:28	5
Sulfate	**1600**		400	95	mg/L			08/13/20 23:15	400

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2900**		100	36	mg/L			08/13/20 23:55	100
Nitrate as N	**230**		10	2.4	mg/L			08/13/20 23:55	100
Orthophosphate as P	ND		0.50	0.38	mg/L			08/13/20 13:48	5
Sulfate	**1500**		100	24	mg/L			08/13/20 23:55	100

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: MW-21R
Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 12:15	08/25/20 08:43	1
Barium	**0.0711**		0.0100	0.00308	mg/L		08/24/20 12:15	08/25/20 08:43	1
Cadmium	ND		0.0100	0.00210	mg/L		08/24/20 12:15	08/25/20 08:43	1
Calcium	**1370**		40.0	9.18	mg/L		08/24/20 12:15	08/25/20 09:58	20
Chromium	**0.0342**	**J**	0.0500	0.00688	mg/L		08/24/20 12:15	08/25/20 08:43	1
Copper	**0.0282**	**J**	0.0500	0.00614	mg/L		08/24/20 12:15	08/25/20 08:43	1
Iron	**0.192**	**J**	0.500	0.123	mg/L		08/24/20 12:15	08/25/20 08:43	1
Lead	**0.0396**	**J**	0.0500	0.00821	mg/L		08/24/20 12:15	08/25/20 08:43	1
Magnesium	**549**		10.0	0.986	mg/L		08/24/20 12:15	08/25/20 09:58	20
Manganese	**4.29**		0.0500	0.00405	mg/L		08/24/20 12:15	08/25/20 08:43	1
Molybdenum	**0.0212**	**J**	0.0500	0.00509	mg/L		08/24/20 12:15	08/25/20 08:43	1
Nickel	**0.566**		0.0500	0.00784	mg/L		08/24/20 12:15	08/25/20 08:43	1
Potassium	**31.6**		2.00	0.240	mg/L		08/24/20 12:15	08/25/20 08:43	1
Selenium	ND		0.100	0.0244	mg/L		08/24/20 12:15	08/25/20 08:43	1
Silver	ND		0.0100	0.00298	mg/L		08/24/20 12:15	08/25/20 08:43	1
Sodium	**3030**		40.0	22.3	mg/L		08/24/20 12:15	08/25/20 09:58	20
Thallium	**0.0276**	**J**	0.0500	0.0161	mg/L		08/24/20 12:15	08/25/20 08:43	1
Vanadium	ND		0.0100	0.00297	mg/L		08/24/20 12:15	08/25/20 08:43	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 12:15	08/25/20 08:43	1

Client Sample ID: MW-16
Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 12:15	08/25/20 08:45	1
Barium	**0.0576**		0.0100	0.00308	mg/L		08/24/20 12:15	08/25/20 08:45	1
Cadmium	**0.00227**	**J**	0.0100	0.00210	mg/L		08/24/20 12:15	08/25/20 08:45	1
Calcium	**596**		2.00	0.459	mg/L		08/24/20 12:15	08/25/20 08:45	1
Chromium	**0.0128**	**J**	0.0500	0.00688	mg/L		08/24/20 12:15	08/25/20 08:45	1
Copper	ND		0.0500	0.00614	mg/L		08/24/20 12:15	08/25/20 08:45	1
Iron	**0.134**	**J**	0.500	0.123	mg/L		08/24/20 12:15	08/25/20 08:45	1
Lead	**0.0309**	**J**	0.0500	0.00821	mg/L		08/24/20 12:15	08/25/20 08:45	1
Magnesium	**289**		0.500	0.0493	mg/L		08/24/20 12:15	08/25/20 08:45	1
Manganese	**0.0462**	**J**	0.0500	0.00405	mg/L		08/24/20 12:15	08/25/20 08:45	1
Molybdenum	**0.00583**	**J**	0.0500	0.00509	mg/L		08/24/20 12:15	08/25/20 08:45	1
Nickel	**0.0105**	**J**	0.0500	0.00784	mg/L		08/24/20 12:15	08/25/20 08:45	1
Potassium	**11.2**		2.00	0.240	mg/L		08/24/20 12:15	08/25/20 08:45	1
Selenium	**0.0432**	**J**	0.100	0.0244	mg/L		08/24/20 12:15	08/25/20 08:45	1
Silver	**0.00307**	**J**	0.0100	0.00298	mg/L		08/24/20 12:15	08/25/20 08:45	1
Sodium	**2400**		40.0	22.3	mg/L		08/24/20 12:15	08/25/20 10:25	20
Thallium	ND		0.0500	0.0161	mg/L		08/24/20 12:15	08/25/20 08:45	1
Vanadium	ND		0.0100	0.00297	mg/L		08/24/20 12:15	08/25/20 08:45	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 12:15	08/25/20 08:45	1

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 12:15	08/25/20 09:01	1
Barium	**0.0561**		0.0100	0.00308	mg/L		08/24/20 12:15	08/25/20 09:01	1

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0100	0.00210	mg/L		08/24/20 12:15	08/25/20 09:01	1
Calcium	**590**		2.00	0.459	mg/L		08/24/20 12:15	08/25/20 09:01	1
Chromium	**0.0129**	**J**	0.0500	0.00688	mg/L		08/24/20 12:15	08/25/20 09:01	1
Copper	ND		0.0500	0.00614	mg/L		08/24/20 12:15	08/25/20 09:01	1
Iron	**0.135**	**J**	0.500	0.123	mg/L		08/24/20 12:15	08/25/20 09:01	1
Lead	**0.0325**	**J**	0.0500	0.00821	mg/L		08/24/20 12:15	08/25/20 09:01	1
Magnesium	**287**		0.500	0.0493	mg/L		08/24/20 12:15	08/25/20 09:01	1
Manganese	**0.0442**	**J**	0.0500	0.00405	mg/L		08/24/20 12:15	08/25/20 09:01	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/24/20 12:15	08/25/20 09:01	1
Nickel	**0.00963**	**J**	0.0500	0.00784	mg/L		08/24/20 12:15	08/25/20 09:01	1
Potassium	**11.2**		2.00	0.240	mg/L		08/24/20 12:15	08/25/20 09:01	1
Selenium	ND		0.100	0.0244	mg/L		08/24/20 12:15	08/25/20 09:01	1
Silver	ND		0.0100	0.00298	mg/L		08/24/20 12:15	08/25/20 09:01	1
Sodium	**2410**		40.0	22.3	mg/L		08/24/20 12:15	08/25/20 10:27	20
Thallium	ND		0.0500	0.0161	mg/L		08/24/20 12:15	08/25/20 09:01	1
Vanadium	ND		0.0100	0.00297	mg/L		08/24/20 12:15	08/25/20 09:01	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 12:15	08/25/20 09:01	1

Client Sample ID: MW-17
Date Collected: 08/12/20 11:53
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 12:15	08/25/20 09:03	1
Barium	**0.104**		0.0100	0.00308	mg/L		08/24/20 12:15	08/25/20 09:03	1
Cadmium	ND		0.0100	0.00210	mg/L		08/24/20 12:15	08/25/20 09:03	1
Calcium	**356**		2.00	0.459	mg/L		08/24/20 12:15	08/25/20 09:03	1
Chromium	**0.00829**	**J**	0.0500	0.00688	mg/L		08/24/20 12:15	08/25/20 09:03	1
Copper	ND		0.0500	0.00614	mg/L		08/24/20 12:15	08/25/20 09:03	1
Iron	ND		0.500	0.123	mg/L		08/24/20 12:15	08/25/20 09:03	1
Lead	**0.0328**	**J**	0.0500	0.00821	mg/L		08/24/20 12:15	08/25/20 09:03	1
Magnesium	**178**		0.500	0.0493	mg/L		08/24/20 12:15	08/25/20 09:03	1
Manganese	**0.705**		0.0500	0.00405	mg/L		08/24/20 12:15	08/25/20 09:03	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/24/20 12:15	08/25/20 09:03	1
Nickel	ND		0.0500	0.00784	mg/L		08/24/20 12:15	08/25/20 09:03	1
Potassium	**4.87**		2.00	0.240	mg/L		08/24/20 12:15	08/25/20 09:03	1
Selenium	ND		0.100	0.0244	mg/L		08/24/20 12:15	08/25/20 09:03	1
Silver	**0.00315**	**J**	0.0100	0.00298	mg/L		08/24/20 12:15	08/25/20 09:03	1
Sodium	**967**		2.00	1.11	mg/L		08/24/20 12:15	08/25/20 09:03	1
Thallium	**0.0218**	**J**	0.0500	0.0161	mg/L		08/24/20 12:15	08/25/20 09:03	1
Vanadium	**0.00795**	**J**	0.0100	0.00297	mg/L		08/24/20 12:15	08/25/20 09:03	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 12:15	08/25/20 09:03	1

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 12:15	08/25/20 09:05	1
Barium	**0.0469**		0.0100	0.00308	mg/L		08/24/20 12:15	08/25/20 09:05	1
Cadmium	ND		0.0100	0.00210	mg/L		08/24/20 12:15	08/25/20 09:05	1
Calcium	**833**		2.00	0.459	mg/L		08/24/20 12:15	08/25/20 09:05	1

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.224**		0.0500	0.00688	mg/L		08/24/20 12:15	08/25/20 09:05	1
Copper	ND		0.0500	0.00614	mg/L		08/24/20 12:15	08/25/20 09:05	1
Iron	**0.147**	**J**	0.500	0.123	mg/L		08/24/20 12:15	08/25/20 09:05	1
Lead	**0.0291**	**J**	0.0500	0.00821	mg/L		08/24/20 12:15	08/25/20 09:05	1
Magnesium	**462**		0.500	0.0493	mg/L		08/24/20 12:15	08/25/20 09:05	1
Manganese	ND		0.0500	0.00405	mg/L		08/24/20 12:15	08/25/20 09:05	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/24/20 12:15	08/25/20 09:05	1
Nickel	**0.0224**	**J**	0.0500	0.00784	mg/L		08/24/20 12:15	08/25/20 09:05	1
Potassium	**9.92**		2.00	0.240	mg/L		08/24/20 12:15	08/25/20 09:05	1
Selenium	**0.0343**	**J**	0.100	0.0244	mg/L		08/24/20 12:15	08/25/20 09:05	1
Silver	ND		0.0100	0.00298	mg/L		08/24/20 12:15	08/25/20 09:05	1
Sodium	**3820**		40.0	22.3	mg/L		08/24/20 12:15	08/25/20 10:29	20
Thallium	ND		0.0500	0.0161	mg/L		08/24/20 12:15	08/25/20 09:05	1
Vanadium	**0.00896**	**J**	0.0100	0.00297	mg/L		08/24/20 12:15	08/25/20 09:05	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 12:15	08/25/20 09:05	1

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0372**	**J**	0.100	0.0181	mg/L		08/24/20 12:15	08/25/20 09:08	1
Barium	**0.0451**		0.0100	0.00308	mg/L		08/24/20 12:15	08/25/20 09:08	1
Cadmium	**0.00382**	**J**	0.0100	0.00210	mg/L		08/24/20 12:15	08/25/20 09:08	1
Calcium	**361**		2.00	0.459	mg/L		08/24/20 12:15	08/25/20 09:08	1
Chromium	**0.0927**		0.0500	0.00688	mg/L		08/24/20 12:15	08/25/20 09:08	1
Copper	ND		0.0500	0.00614	mg/L		08/24/20 12:15	08/25/20 09:08	1
Iron	**0.169**	**J**	0.500	0.123	mg/L		08/24/20 12:15	08/25/20 09:08	1
Lead	**0.0250**	**J**	0.0500	0.00821	mg/L		08/24/20 12:15	08/25/20 09:08	1
Magnesium	**382**		0.500	0.0493	mg/L		08/24/20 12:15	08/25/20 09:08	1
Manganese	**0.421**		0.0500	0.00405	mg/L		08/24/20 12:15	08/25/20 09:08	1
Molybdenum	**0.240**		0.0500	0.00509	mg/L		08/24/20 12:15	08/25/20 09:08	1
Nickel	**0.692**		0.0500	0.00784	mg/L		08/24/20 12:15	08/25/20 09:08	1
Potassium	**7.39**		2.00	0.240	mg/L		08/24/20 12:15	08/25/20 09:08	1
Selenium	ND		0.100	0.0244	mg/L		08/24/20 12:15	08/25/20 09:08	1
Silver	ND		0.0100	0.00298	mg/L		08/24/20 12:15	08/25/20 09:08	1
Sodium	**2580**		40.0	22.3	mg/L		08/24/20 12:15	08/25/20 10:31	20
Thallium	ND		0.0500	0.0161	mg/L		08/24/20 12:15	08/25/20 09:08	1
Vanadium	**0.155**		0.0100	0.00297	mg/L		08/24/20 12:15	08/25/20 09:08	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 12:15	08/25/20 09:08	1

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: MW-21R
Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 10:47	1

Client Sample ID: MW-16
Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000214**	**J**	0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 10:52	1

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000208**	**J**	0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 10:54	1

Client Sample ID: MW-17
Date Collected: 08/12/20 11:53
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 10:56	1

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 10:58	1

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 11:08	1

General Chemistry

Client Sample ID: MW-21R
Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	717		5.00	1.69	mg/L			08/25/20 15:17	1
Bicarbonate (as CaCO3)	717		5.00	1.69	mg/L			08/25/20 15:17	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 15:17	1
Total Dissolved Solids	19400		4.00	3.48	mg/L			08/13/20 12:51	1

Client Sample ID: MW-16
Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	527		5.00	1.69	mg/L			08/25/20 15:23	1
Bicarbonate (as CaCO3)	527		5.00	1.69	mg/L			08/25/20 15:23	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 15:23	1
Total Dissolved Solids	10300		2.00	1.74	mg/L			08/13/20 12:51	1

Client Sample ID: Non Program Dup
Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	530		5.00	1.69	mg/L			08/25/20 15:30	1
Bicarbonate (as CaCO3)	530		5.00	1.69	mg/L			08/25/20 15:30	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 15:30	1
Total Dissolved Solids	9300		2.00	1.74	mg/L			08/13/20 12:51	1

Client Sample ID: MW-17
Date Collected: 08/12/20 11:53
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	364		5.00	1.69	mg/L			08/25/20 15:37	1
Bicarbonate (as CaCO3)	364		5.00	1.69	mg/L			08/25/20 15:37	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 15:37	1
Total Dissolved Solids	6040		1.00	0.870	mg/L			08/13/20 12:51	1

Client Sample ID: MW-20
Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	518		5.00	1.69	mg/L			08/25/20 15:44	1
Bicarbonate (as CaCO3)	518		5.00	1.69	mg/L			08/25/20 15:44	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 15:44	1
Total Dissolved Solids	14000		4.00	3.48	mg/L			08/13/20 12:51	1

Client Sample ID: MW-23
Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00
Lab Sample ID: 570-35704-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	685		5.00	1.69	mg/L			08/25/20 15:51	1
Bicarbonate (as CaCO3)	685		5.00	1.69	mg/L			08/25/20 15:51	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 15:51	1
Total Dissolved Solids	11000		2.00	1.74	mg/L			08/13/20 12:51	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-35704-1	MW-21R	91	102	107	101
570-35704-1 - DL	MW-21R	88	101	101	99
570-35704-2	MW-16	93	102	111	97
570-35704-3	Non Program Dup	96	102	109	101
570-35704-3 - DL	Non Program Dup	92	100	103	99
570-35704-4	QCEB	95	102	105	100
570-35704-5	QCTB	92	103	106	100
570-35704-6	MW-17	96	103	109	100
570-35704-7	MW-20	94	104	113	100
570-35704-8	MW-23	96	104	111	100
570-35704-8 - DL	MW-23	92	102	101	100
LCS 570-88333/3	Lab Control Sample	102	104	107	101
LCS 570-88612/3	Lab Control Sample	101	100	96	101
LCSD 570-88333/4	Lab Control Sample Dup	102	103	104	101
LCSD 570-88612/4	Lab Control Sample Dup	100	101	97	99
MB 570-88333/6	Method Blank	95	100	105	100
MB 570-88612/6	Method Blank	92	100	98	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-88333/6
Matrix: Water
Analysis Batch: 88333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/17/20 22:45	1
Benzene	ND		0.50	0.072	ug/L			08/17/20 22:45	1
Bromobenzene	ND		0.50	0.061	ug/L			08/17/20 22:45	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/17/20 22:45	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/17/20 22:45	1
Bromoform	ND		0.50	0.096	ug/L			08/17/20 22:45	1
Bromomethane	ND		2.0	0.99	ug/L			08/17/20 22:45	1
2-Butanone	ND		5.0	0.46	ug/L			08/17/20 22:45	1
Carbon disulfide	ND		10	0.39	ug/L			08/17/20 22:45	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/17/20 22:45	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/17/20 22:45	1
Chloroethane	ND		0.50	0.12	ug/L			08/17/20 22:45	1
Chloroform	ND		0.50	0.062	ug/L			08/17/20 22:45	1
Chloromethane	ND		5.0	2.0	ug/L			08/17/20 22:45	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/17/20 22:45	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/17/20 22:45	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/17/20 22:45	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/17/20 22:45	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/17/20 22:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/17/20 22:45	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/17/20 22:45	1
Dibromomethane	ND		0.50	0.13	ug/L			08/17/20 22:45	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/17/20 22:45	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/17/20 22:45	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/17/20 22:45	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/17/20 22:45	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/17/20 22:45	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/17/20 22:45	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/17/20 22:45	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/17/20 22:45	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/17/20 22:45	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/17/20 22:45	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/17/20 22:45	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/17/20 22:45	1
Ethanol	ND		50	20	ug/L			08/17/20 22:45	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/17/20 22:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/17/20 22:45	1
2-Hexanone	ND		10	0.50	ug/L			08/17/20 22:45	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/17/20 22:45	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/17/20 22:45	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/17/20 22:45	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/17/20 22:45	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/17/20 22:45	1
Naphthalene	ND		1.0	0.097	ug/L			08/17/20 22:45	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/17/20 22:45	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/17/20 22:45	1
o-Xylene	ND		0.50	0.086	ug/L			08/17/20 22:45	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/17/20 22:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88333/6
Matrix: Water
Analysis Batch: 88333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/17/20 22:45	1
Styrene	ND		0.50	0.059	ug/L			08/17/20 22:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/17/20 22:45	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/17/20 22:45	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/17/20 22:45	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/17/20 22:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/17/20 22:45	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/17/20 22:45	1
Toluene	ND		0.50	0.093	ug/L			08/17/20 22:45	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/17/20 22:45	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/17/20 22:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/17/20 22:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/17/20 22:45	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/17/20 22:45	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/17/20 22:45	1
Trichloroethene	ND		0.50	0.10	ug/L			08/17/20 22:45	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/17/20 22:45	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/17/20 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/17/20 22:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/17/20 22:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/17/20 22:45	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/17/20 22:45	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/17/20 22:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*08/17/20 22:45*	*1*
Dibromofluoromethane	*100*		*80 - 127*		*08/17/20 22:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*		*08/17/20 22:45*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/17/20 22:45*	*1*

Lab Sample ID: LCS 570-88333/3
Matrix: Water
Analysis Batch: 88333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.45		ug/L		114	80 - 120
Carbon tetrachloride	10.0	12.32		ug/L		123	80 - 129
Chlorobenzene	10.0	10.93		ug/L		109	80 - 120
1,2-Dibromoethane	10.0	11.05		ug/L		110	80 - 120
1,2-Dichlorobenzene	10.0	10.84		ug/L		108	80 - 120
1,2-Dichloroethane	10.0	11.63		ug/L		116	80 - 122
1,1-Dichloroethene	10.0	12.70	* me	ug/L		127	77 - 120
Di-isopropyl ether (DIPE)	10.0	11.50		ug/L		115	73 - 121
Ethanol	100	111.9		ug/L		112	73 - 133
Ethylbenzene	10.0	11.02		ug/L		110	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	10.63		ug/L		106	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	10.89		ug/L		109	75 - 123
m,p-Xylene	20.0	21.81		ug/L		109	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88333/3
Matrix: Water
Analysis Batch: 88333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	11.02		ug/L		110	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.24		ug/L		112	80 - 120		
tert-Butyl alcohol (TBA)			50.0	52.39		ug/L		105	80 - 120		
Toluene			10.0	11.08		ug/L		111	80 - 120		
Trichloroethene			10.0	11.80		ug/L		118	80 - 120		
Vinyl chloride			10.0	11.60		ug/L		116	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*68 - 120*
Dibromofluoromethane	*104*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-88333/4
Matrix: Water
Analysis Batch: 88333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.58		ug/L		106	80 - 120	8	22
Carbon tetrachloride			10.0	11.38		ug/L		114	80 - 129	8	36
Chlorobenzene			10.0	10.19		ug/L		102	80 - 120	7	29
1,2-Dibromoethane			10.0	10.79		ug/L		108	80 - 120	2	32
1,2-Dichlorobenzene			10.0	10.34		ug/L		103	80 - 120	5	30
1,2-Dichloroethane			10.0	11.20		ug/L		112	80 - 122	4	23
1,1-Dichloroethene			10.0	11.85		ug/L		118	77 - 120	7	26
Di-isopropyl ether (DIPE)			10.0	10.93		ug/L		109	73 - 121	5	26
Ethanol			100	85.62		ug/L		86	73 - 133	27	30
Ethylbenzene			10.0	10.36		ug/L		104	80 - 120	6	25
Ethyl-t-butyl ether (ETBE)			10.0	10.44		ug/L		104	76 - 124	2	30
Methyl-t-Butyl Ether (MTBE)			10.0	10.46		ug/L		105	75 - 123	4	27
m,p-Xylene			20.0	20.67		ug/L		103	80 - 120	5	30
o-Xylene			10.0	10.39		ug/L		104	80 - 120	6	30
Tert-amyl-methyl ether (TAME)			10.0	10.98		ug/L		110	80 - 120	2	24
tert-Butyl alcohol (TBA)			50.0	49.10		ug/L		98	80 - 120	6	30
Toluene			10.0	10.26		ug/L		103	80 - 120	8	28
Trichloroethene			10.0	10.62		ug/L		106	80 - 120	11	25
Vinyl chloride			10.0	10.64		ug/L		106	63 - 135	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*68 - 120*
Dibromofluoromethane	*103*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88612/6
Matrix: Water
Analysis Batch: 88612

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/19/20 00:19	1
Benzene	ND		0.50	0.072	ug/L			08/19/20 00:19	1
Bromobenzene	ND		0.50	0.061	ug/L			08/19/20 00:19	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/19/20 00:19	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/19/20 00:19	1
Bromoform	ND		0.50	0.096	ug/L			08/19/20 00:19	1
Bromomethane	ND		2.0	0.99	ug/L			08/19/20 00:19	1
2-Butanone	ND		5.0	0.46	ug/L			08/19/20 00:19	1
Carbon disulfide	ND		10	0.39	ug/L			08/19/20 00:19	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/19/20 00:19	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/19/20 00:19	1
Chloroethane	ND		0.50	0.12	ug/L			08/19/20 00:19	1
Chloroform	0.06981	J	0.50	0.062	ug/L			08/19/20 00:19	1
Chloromethane	ND		5.0	2.0	ug/L			08/19/20 00:19	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/19/20 00:19	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/19/20 00:19	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/19/20 00:19	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/19/20 00:19	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/19/20 00:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/19/20 00:19	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/19/20 00:19	1
Dibromomethane	ND		0.50	0.13	ug/L			08/19/20 00:19	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/19/20 00:19	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/19/20 00:19	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/19/20 00:19	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/19/20 00:19	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/19/20 00:19	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/19/20 00:19	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/19/20 00:19	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/19/20 00:19	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/19/20 00:19	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/19/20 00:19	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/19/20 00:19	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/19/20 00:19	1
Ethanol	ND		50	20	ug/L			08/19/20 00:19	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/19/20 00:19	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/19/20 00:19	1
2-Hexanone	ND		10	0.50	ug/L			08/19/20 00:19	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/19/20 00:19	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/19/20 00:19	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/19/20 00:19	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/19/20 00:19	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/19/20 00:19	1
Naphthalene	ND		1.0	0.097	ug/L			08/19/20 00:19	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/19/20 00:19	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/19/20 00:19	1
o-Xylene	ND		0.50	0.086	ug/L			08/19/20 00:19	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/19/20 00:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88612/6
Matrix: Water
Analysis Batch: 88612

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/19/20 00:19	1
Styrene	ND		0.50	0.059	ug/L			08/19/20 00:19	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/19/20 00:19	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/19/20 00:19	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/19/20 00:19	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/19/20 00:19	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/19/20 00:19	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/19/20 00:19	1
Toluene	ND		0.50	0.093	ug/L			08/19/20 00:19	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/19/20 00:19	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/19/20 00:19	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/19/20 00:19	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/19/20 00:19	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/19/20 00:19	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/19/20 00:19	1
Trichloroethene	ND		0.50	0.10	ug/L			08/19/20 00:19	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/19/20 00:19	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/19/20 00:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/19/20 00:19	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/19/20 00:19	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/19/20 00:19	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/19/20 00:19	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/19/20 00:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*08/19/20 00:19*	*1*
Dibromofluoromethane	*100*		*80 - 127*		*08/19/20 00:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*		*08/19/20 00:19*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/19/20 00:19*	*1*

Lab Sample ID: LCS 570-88612/3
Matrix: Water
Analysis Batch: 88612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.23		ug/L		112	80 - 120
Carbon tetrachloride	10.0	11.38		ug/L		114	80 - 129
Chlorobenzene	10.0	10.61		ug/L		106	80 - 120
1,2-Dibromoethane	10.0	11.01		ug/L		110	80 - 120
1,2-Dichlorobenzene	10.0	10.82		ug/L		108	80 - 120
1,2-Dichloroethane	10.0	10.26		ug/L		103	80 - 122
1,1-Dichloroethene	10.0	11.02		ug/L		110	77 - 120
Di-isopropyl ether (DIPE)	10.0	8.816		ug/L		88	73 - 121
Ethanol	100	101.5		ug/L		101	73 - 133
Ethylbenzene	10.0	10.80		ug/L		108	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	8.719		ug/L		87	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	9.549		ug/L		95	75 - 123
m,p-Xylene	20.0	21.42		ug/L		107	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88612/3
Matrix: Water
Analysis Batch: 88612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	10.84		ug/L		108	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	10.45		ug/L		104	80 - 120		
tert-Butyl alcohol (TBA)			50.0	54.36		ug/L		109	80 - 120		
Toluene			10.0	10.88		ug/L		109	80 - 120		
Trichloroethene			10.0	10.85		ug/L		108	80 - 120		
Vinyl chloride			10.0	9.877		ug/L		99	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*100*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-88612/4
Matrix: Water
Analysis Batch: 88612

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	9.276		ug/L		93	80 - 120	19	22
Carbon tetrachloride			10.0	9.435		ug/L		94	80 - 129	19	36
Chlorobenzene			10.0	8.851		ug/L		89	80 - 120	18	29
1,2-Dibromoethane			10.0	9.445		ug/L		94	80 - 120	15	32
1,2-Dichlorobenzene			10.0	9.188		ug/L		92	80 - 120	16	30
1,2-Dichloroethane			10.0	8.967		ug/L		90	80 - 122	13	23
1,1-Dichloroethene			10.0	9.236		ug/L		92	77 - 120	18	26
Di-isopropyl ether (DIPE)			10.0	7.746		ug/L		77	73 - 121	13	26
Ethanol			100	75.88		ug/L		76	73 - 133	29	30
Ethylbenzene			10.0	9.005		ug/L		90	80 - 120	18	25
Ethyl-t-butyl ether (ETBE)			10.0	8.134		ug/L		81	76 - 124	7	30
Methyl-t-Butyl Ether (MTBE)			10.0	8.875		ug/L		89	75 - 123	7	27
m,p-Xylene			20.0	17.59		ug/L		88	80 - 120	20	30
o-Xylene			10.0	9.123		ug/L		91	80 - 120	17	30
Tert-amyl-methyl ether (TAME)			10.0	9.539		ug/L		95	80 - 120	9	24
tert-Butyl alcohol (TBA)			50.0	41.67		ug/L		83	80 - 120	26	30
Toluene			10.0	9.107		ug/L		91	80 - 120	18	28
Trichloroethene			10.0	9.152		ug/L		92	80 - 120	17	25
Vinyl chloride			10.0	8.185		ug/L		82	63 - 135	19	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*101*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-87490/5
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			08/13/20 09:24	1
Orthophosphate as P	ND		0.10	0.076	mg/L			08/13/20 09:24	1

Lab Sample ID: LCS 570-87490/6
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	5.00	4.883		mg/L		98	90 - 110
Orthophosphate as P	2.50	2.627		mg/L		105	90 - 110

Lab Sample ID: LCSD 570-87490/7
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87490

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	5.00	4.876		mg/L		98	90 - 110	0	15
Orthophosphate as P	2.50	2.632		mg/L		105	90 - 110	0	15

Lab Sample ID: 570-35686-E-3 MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	ND		5.00	4.842		mg/L		97	80 - 120
Orthophosphate as P	ND		2.50	2.655		mg/L		106	80 - 120

Lab Sample ID: 570-35686-E-3 MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		5.00	4.846		mg/L		97	80 - 120	0	20
Orthophosphate as P	ND		2.50	2.729		mg/L		109	80 - 120	3	20

Lab Sample ID: MB 570-87492/5
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			08/13/20 09:24	1
Sulfate	ND		1.0	0.24	mg/L			08/13/20 09:24	1

Lab Sample ID: LCS 570-87492/6
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.72		mg/L		99	90 - 110
Sulfate	50.0	49.45		mg/L		99	90 - 110

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 570-87492/7
Matrix: Water
Analysis Batch: 87492

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			50.0	49.59		mg/L		99	90 - 110	0	15
Sulfate			50.0	49.51		mg/L		99	90 - 110	0	15

Lab Sample ID: 570-35686-E-3 MS
Matrix: Water
Analysis Batch: 87492

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	17		50.0	71.32		mg/L		108	80 - 120		

Lab Sample ID: 570-35686-E-3 MS
Matrix: Water
Analysis Batch: 87492

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	100		50.0	144.3		mg/L		89	80 - 120		

Lab Sample ID: 570-35686-E-3 MSD
Matrix: Water
Analysis Batch: 87492

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	17		50.0	71.57		mg/L		109	80 - 120	0	20

Lab Sample ID: 570-35686-E-3 MSD
Matrix: Water
Analysis Batch: 87492

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100		50.0	143.9		mg/L		89	80 - 120	0	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-89918/1-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 89918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 12:15	08/25/20 08:24	1
Barium	ND		0.0100	0.00308	mg/L		08/24/20 12:15	08/25/20 08:24	1
Cadmium	ND		0.0100	0.00210	mg/L		08/24/20 12:15	08/25/20 08:24	1
Calcium	ND		2.00	0.459	mg/L		08/24/20 12:15	08/25/20 08:24	1
Chromium	ND		0.0500	0.00688	mg/L		08/24/20 12:15	08/25/20 08:24	1
Copper	ND		0.0500	0.00614	mg/L		08/24/20 12:15	08/25/20 08:24	1
Iron	ND		0.500	0.123	mg/L		08/24/20 12:15	08/25/20 08:24	1
Lead	ND		0.0500	0.00821	mg/L		08/24/20 12:15	08/25/20 08:24	1
Magnesium	ND		0.500	0.0493	mg/L		08/24/20 12:15	08/25/20 08:24	1
Manganese	ND		0.0500	0.00405	mg/L		08/24/20 12:15	08/25/20 08:24	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/24/20 12:15	08/25/20 08:24	1
Nickel	ND		0.0500	0.00784	mg/L		08/24/20 12:15	08/25/20 08:24	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-89918/1-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 89918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	ND		2.00	0.240	mg/L		08/24/20 12:15	08/25/20 08:24	1
Selenium	ND		0.100	0.0244	mg/L		08/24/20 12:15	08/25/20 08:24	1
Silver	ND		0.0100	0.00298	mg/L		08/24/20 12:15	08/25/20 08:24	1
Sodium	ND		2.00	1.11	mg/L		08/24/20 12:15	08/25/20 08:24	1
Thallium	ND		0.0500	0.0161	mg/L		08/24/20 12:15	08/25/20 08:24	1
Vanadium	ND		0.0100	0.00297	mg/L		08/24/20 12:15	08/25/20 08:24	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 12:15	08/25/20 08:24	1

Lab Sample ID: LCS 570-89918/2-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 89918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.500	0.4769		mg/L		95	80 - 120
Barium	0.500	0.5461		mg/L		109	80 - 120
Cadmium	0.500	0.5079		mg/L		102	80 - 120
Calcium	0.500	0.5119	J	mg/L		102	80 - 120
Chromium	0.500	0.5092		mg/L		102	80 - 120
Copper	0.500	0.5290		mg/L		106	80 - 120
Iron	0.500	0.4986	J	mg/L		100	80 - 120
Lead	0.500	0.5280		mg/L		106	80 - 120
Magnesium	0.500	0.5054		mg/L		101	80 - 120
Manganese	0.500	0.5155		mg/L		103	80 - 120
Molybdenum	0.500	0.4871		mg/L		97	80 - 120
Nickel	0.500	0.5162		mg/L		103	80 - 120
Potassium	5.00	5.043		mg/L		101	80 - 120
Selenium	0.500	0.4876		mg/L		98	80 - 120
Silver	0.250	0.2721		mg/L		109	80 - 120
Sodium	5.00	5.154		mg/L		103	80 - 120
Thallium	0.500	0.5279		mg/L		106	80 - 120
Vanadium	0.500	0.5020		mg/L		100	80 - 120
Zinc	0.500	0.5194		mg/L		104	80 - 120

Lab Sample ID: LCSD 570-89918/3-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 89918

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.500	0.4842		mg/L		97	80 - 120	2	20
Barium	0.500	0.5414		mg/L		108	80 - 120	1	20
Cadmium	0.500	0.5099		mg/L		102	80 - 120	0	20
Calcium	0.500	0.5167	J	mg/L		103	80 - 120	1	20
Chromium	0.500	0.5095		mg/L		102	80 - 120	0	20
Copper	0.500	0.5308		mg/L		106	80 - 120	0	20
Iron	0.500	0.5117		mg/L		102	80 - 120	3	20
Lead	0.500	0.5292		mg/L		106	80 - 120	0	20
Magnesium	0.500	0.5139		mg/L		103	80 - 120	2	20
Manganese	0.500	0.5162		mg/L		103	80 - 120	0	20
Molybdenum	0.500	0.4971		mg/L		99	80 - 120	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-89918/3-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 89918

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel			0.500	0.5197		mg/L		104	80 - 120	1	20
Potassium			5.00	5.063		mg/L		101	80 - 120	0	20
Selenium			0.500	0.5259		mg/L		105	80 - 120	8	20
Silver			0.250	0.2717		mg/L		109	80 - 120	0	20
Sodium			5.00	5.183		mg/L		104	80 - 120	1	20
Thallium			0.500	0.5236		mg/L		105	80 - 120	1	20
Vanadium			0.500	0.5015		mg/L		100	80 - 120	0	20
Zinc			0.500	0.5230		mg/L		105	80 - 120	1	20

Lab Sample ID: 570-35686-G-3-A MS
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 89918

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		0.500	0.4578		mg/L		92	80 - 140
Barium	0.147		0.500	0.6797		mg/L		106	87 - 123
Cadmium	ND		0.500	0.5297		mg/L		106	82 - 124
Calcium	65.1		0.500	64.80	4	mg/L		-68	77 - 113
Chromium	ND		0.500	0.5100		mg/L		102	86 - 122
Copper	ND		0.500	0.5628		mg/L		113	78 - 126
Iron	ND		0.500	0.4650	J	mg/L		93	65 - 149
Lead	0.0178	J	0.500	0.4916		mg/L		95	84 - 120
Magnesium	15.4		0.500	15.70	4	mg/L		58	56 - 140
Manganese	0.00768	J	0.500	0.5059		mg/L		100	86 - 116
Molybdenum	ND	F2 F1	0.500	0.3585	F1	mg/L		72	78 - 126
Nickel	ND		0.500	0.5174		mg/L		103	84 - 120
Potassium	3.39		5.00	8.424		mg/L		101	83 - 131
Selenium	0.0276	J	0.500	0.4798		mg/L		90	79 - 127
Silver	0.00410	J F1	0.250	0.1502	F1	mg/L		58	86 - 128
Sodium	73.4		5.00	77.81	4	mg/L		89	73 - 127
Thallium	ND		0.500	0.4820		mg/L		96	79 - 121
Vanadium	0.00485	J	0.500	0.5188		mg/L		103	88 - 118
Zinc	ND		0.500	0.5506		mg/L		110	89 - 131

Lab Sample ID: 570-35686-G-3-B MSD
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 89918

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.4849		mg/L		97	80 - 140	6	11
Barium	0.147		0.500	0.6854		mg/L		108	87 - 123	1	6
Cadmium	ND		0.500	0.5387		mg/L		108	82 - 124	2	7
Calcium	65.1		0.500	64.70	4	mg/L		-89	77 - 113	0	11
Chromium	ND		0.500	0.5147		mg/L		103	86 - 122	1	8
Copper	ND		0.500	0.5623		mg/L		112	78 - 126	0	7
Iron	ND		0.500	0.4803	J	mg/L		96	65 - 149	3	21
Lead	0.0178	J	0.500	0.5122		mg/L		99	84 - 120	4	7
Magnesium	15.4		0.500	15.85	4	mg/L		87	56 - 140	1	11
Manganese	0.00768	J	0.500	0.5096		mg/L		100	86 - 116	1	7

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-35686-G-3-B MSD
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 89918

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Molybdenum	ND	F2 F1	0.500	0.4112	F2	mg/L		82	78 - 126	14	7
Nickel	ND		0.500	0.5293		mg/L		106	84 - 120	2	7
Potassium	3.39		5.00	8.365		mg/L		99	83 - 131	1	7
Selenium	0.0276	J	0.500	0.4802		mg/L		91	79 - 127	0	9
Silver	0.00410	J F1	0.250	0.1553	F1	mg/L		60	86 - 128	3	7
Sodium	73.4		5.00	76.28	4	mg/L		58	73 - 127	2	9
Thallium	ND		0.500	0.4824		mg/L		96	79 - 121	0	8
Vanadium	0.00485	J	0.500	0.5197		mg/L		103	88 - 118	0	7
Zinc	ND		0.500	0.5618		mg/L		112	89 - 131	2	8

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-89939/1-A
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 10:41	1

Lab Sample ID: LCS 570-89939/2-A
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.01012		mg/L		101	80 - 120

Lab Sample ID: LCSD 570-89939/3-A
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.009998		mg/L		100	80 - 120	1	20

Lab Sample ID: 570-35704-1 MS
Matrix: Water
Analysis Batch: 90160

Client Sample ID: MW-21R
Prep Type: Dissolved
Prep Batch: 89939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.008967		mg/L		90	55 - 133

Lab Sample ID: 570-35704-1 MSD
Matrix: Water
Analysis Batch: 90160

Client Sample ID: MW-21R
Prep Type: Dissolved
Prep Batch: 89939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.008962		mg/L		90	55 - 133	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-90445/9
Matrix: Water
Analysis Batch: 90445

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			08/25/20 13:54	1
Bicarbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 13:54	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/25/20 13:54	1

Lab Sample ID: LCS 570-90445/7
Matrix: Water
Analysis Batch: 90445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total (As CaCO3)	100	98.08		mg/L		98	80 - 120

Lab Sample ID: LCSD 570-90445/8
Matrix: Water
Analysis Batch: 90445

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	100	99.60		mg/L		100	80 - 120	2	20

Lab Sample ID: 570-36248-F-1 DU
Matrix: Water
Analysis Batch: 90445

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total (As CaCO3)	170		184.7		mg/L		8	25
Bicarbonate (as CaCO3)	170		184.7		mg/L		8	25
Carbonate (as CaCO3)	ND		ND		mg/L		NC	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-87590/1
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		1.00	0.870	mg/L			08/13/20 12:51	1

Lab Sample ID: LCS 570-87590/2
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	100	100.0		mg/L		100	84 - 108

Lab Sample ID: LCSD 570-87590/3
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids	100	105.0		mg/L		105	84 - 108	5	10

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 570-35704-2 DU
Client Sample ID: MW-16
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 87590

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	10300			11200		mg/L				9	10

Marginal Exceedance (ME) Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-88333/3
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Benzene	10.0	11.45		ug/L	114	80 - 120	73 - 127	
Carbon tetrachloride	10.0	12.32		ug/L	123	80 - 129	72 - 137	
Chlorobenzene	10.0	10.93		ug/L	109	80 - 120	73 - 127	
1,2-Dibromoethane	10.0	11.05		ug/L	110	80 - 120	73 - 127	
1,2-Dichlorobenzene	10.0	10.84		ug/L	108	80 - 120	73 - 127	
1,2-Dichloroethane	10.0	11.63		ug/L	116	80 - 122	73 - 127	
1,1-Dichloroethene	10.0	12.70	* me	ug/L	127	77 - 120	70 - 127	ME
Di-isopropyl ether (DIPE)	10.0	11.50		ug/L	115	73 - 121	65 - 129	
Ethanol	100	111.9		ug/L	112	73 - 133	63 - 143	
Ethylbenzene	10.0	11.02		ug/L	110	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	10.0	10.63		ug/L	106	76 - 124	68 - 132	
Methyl-t-Butyl Ether (MTBE)	10.0	10.89		ug/L	109	75 - 123	67 - 131	
m,p-Xylene	20.0	21.81		ug/L	109	80 - 120	73 - 127	
o-Xylene	10.0	11.02		ug/L	110	80 - 120	73 - 127	
Tert-amyl-methyl ether (TAME)	10.0	11.24		ug/L	112	80 - 120	73 - 127	
tert-Butyl alcohol (TBA)	50.0	52.39		ug/L	105	80 - 120	73 - 127	
Toluene	10.0	11.08		ug/L	111	80 - 120	73 - 127	
Trichloroethene	10.0	11.80		ug/L	118	80 - 120	73 - 127	
Vinyl chloride	10.0	11.60		ug/L	116	63 - 135	51 - 147	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
19	1	1

ME = Marginal Exceedance

GC/MS VOA

Analysis Batch: 88333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Total/NA	Water	8260B	
570-35704-2	MW-16	Total/NA	Water	8260B	
570-35704-3	Non Program Dup	Total/NA	Water	8260B	
570-35704-4	QCEB	Total/NA	Water	8260B	
570-35704-5	QCTB	Total/NA	Water	8260B	
570-35704-6	MW-17	Total/NA	Water	8260B	
570-35704-7	MW-20	Total/NA	Water	8260B	
570-35704-8	MW-23	Total/NA	Water	8260B	
MB 570-88333/6	Method Blank	Total/NA	Water	8260B	
LCS 570-88333/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-88333/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 88612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1 - DL	MW-21R	Total/NA	Water	8260B	
570-35704-3 - DL	Non Program Dup	Total/NA	Water	8260B	
570-35704-8 - DL	MW-23	Total/NA	Water	8260B	
MB 570-88612/6	Method Blank	Total/NA	Water	8260B	
LCS 570-88612/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-88612/4	Lab Control Sample Dup	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 87490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Total/NA	Water	300.0	
570-35704-1	MW-21R	Total/NA	Water	300.0	
570-35704-2	MW-16	Total/NA	Water	300.0	
570-35704-2	MW-16	Total/NA	Water	300.0	
570-35704-3	Non Program Dup	Total/NA	Water	300.0	
570-35704-3	Non Program Dup	Total/NA	Water	300.0	
570-35704-6	MW-17	Total/NA	Water	300.0	
570-35704-7	MW-20	Total/NA	Water	300.0	
570-35704-7	MW-20	Total/NA	Water	300.0	
570-35704-8	MW-23	Total/NA	Water	300.0	
570-35704-8	MW-23	Total/NA	Water	300.0	
MB 570-87490/5	Method Blank	Total/NA	Water	300.0	
LCS 570-87490/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87490/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35686-E-3 MS	Matrix Spike	Total/NA	Water	300.0	
570-35686-E-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 87492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Total/NA	Water	300.0	
570-35704-2	MW-16	Total/NA	Water	300.0	
570-35704-3	Non Program Dup	Total/NA	Water	300.0	
570-35704-6	MW-17	Total/NA	Water	300.0	
570-35704-7	MW-20	Total/NA	Water	300.0	
570-35704-8	MW-23	Total/NA	Water	300.0	
MB 570-87492/5	Method Blank	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 87492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-87492/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87492/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35686-E-3 MS	Matrix Spike	Total/NA	Water	300.0	
570-35686-E-3 MS	Matrix Spike	Total/NA	Water	300.0	
570-35686-E-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
570-35686-E-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 89918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Dissolved	Water	3005A	
570-35704-2	MW-16	Dissolved	Water	3005A	
570-35704-3	Non Program Dup	Dissolved	Water	3005A	
570-35704-6	MW-17	Dissolved	Water	3005A	
570-35704-7	MW-20	Dissolved	Water	3005A	
570-35704-8	MW-23	Dissolved	Water	3005A	
MB 570-89918/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-89918/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-89918/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-35686-G-3-A MS	Matrix Spike	Dissolved	Water	3005A	
570-35686-G-3-B MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Prep Batch: 89939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Dissolved	Water	7470A	
570-35704-2	MW-16	Dissolved	Water	7470A	
570-35704-3	Non Program Dup	Dissolved	Water	7470A	
570-35704-6	MW-17	Dissolved	Water	7470A	
570-35704-7	MW-20	Dissolved	Water	7470A	
570-35704-8	MW-23	Dissolved	Water	7470A	
MB 570-89939/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-89939/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-89939/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-35704-1 MS	MW-21R	Dissolved	Water	7470A	
570-35704-1 MSD	MW-21R	Dissolved	Water	7470A	

Analysis Batch: 90160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Dissolved	Water	7470A	89939
570-35704-2	MW-16	Dissolved	Water	7470A	89939
570-35704-3	Non Program Dup	Dissolved	Water	7470A	89939
570-35704-6	MW-17	Dissolved	Water	7470A	89939
570-35704-7	MW-20	Dissolved	Water	7470A	89939
570-35704-8	MW-23	Dissolved	Water	7470A	89939
MB 570-89939/1-A	Method Blank	Total/NA	Water	7470A	89939
LCS 570-89939/2-A	Lab Control Sample	Total/NA	Water	7470A	89939
LCSD 570-89939/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	89939
570-35704-1 MS	MW-21R	Dissolved	Water	7470A	89939
570-35704-1 MSD	MW-21R	Dissolved	Water	7470A	89939

Metals

Analysis Batch: 90161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Dissolved	Water	6010B	89918
570-35704-1	MW-21R	Dissolved	Water	6010B	89918
570-35704-2	MW-16	Dissolved	Water	6010B	89918
570-35704-2	MW-16	Dissolved	Water	6010B	89918
570-35704-3	Non Program Dup	Dissolved	Water	6010B	89918
570-35704-3	Non Program Dup	Dissolved	Water	6010B	89918
570-35704-6	MW-17	Dissolved	Water	6010B	89918
570-35704-7	MW-20	Dissolved	Water	6010B	89918
570-35704-7	MW-20	Dissolved	Water	6010B	89918
570-35704-8	MW-23	Dissolved	Water	6010B	89918
570-35704-8	MW-23	Dissolved	Water	6010B	89918
MB 570-89918/1-A	Method Blank	Total Recoverable	Water	6010B	89918
LCS 570-89918/2-A	Lab Control Sample	Total Recoverable	Water	6010B	89918
LCSD 570-89918/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	89918
570-35686-G-3-A MS	Matrix Spike	Dissolved	Water	6010B	89918
570-35686-G-3-B MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	89918

General Chemistry

Analysis Batch: 87590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Total/NA	Water	SM 2540C	
570-35704-2	MW-16	Total/NA	Water	SM 2540C	
570-35704-3	Non Program Dup	Total/NA	Water	SM 2540C	
570-35704-6	MW-17	Total/NA	Water	SM 2540C	
570-35704-7	MW-20	Total/NA	Water	SM 2540C	
570-35704-8	MW-23	Total/NA	Water	SM 2540C	
MB 570-87590/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-87590/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-87590/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-35704-2 DU	MW-16	Total/NA	Water	SM 2540C	

Analysis Batch: 90445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35704-1	MW-21R	Total/NA	Water	SM 2320B	
570-35704-2	MW-16	Total/NA	Water	SM 2320B	
570-35704-3	Non Program Dup	Total/NA	Water	SM 2320B	
570-35704-6	MW-17	Total/NA	Water	SM 2320B	
570-35704-7	MW-20	Total/NA	Water	SM 2320B	
570-35704-8	MW-23	Total/NA	Water	SM 2320B	
MB 570-90445/9	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-90445/7	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-90445/8	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-36248-F-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar Former Rendering Plant

Job ID: 570-35704-1

Client Sample ID: MW-21R

Date Collected: 08/12/20 09:18
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	20 mL	20 mL	88333	08/18/20 04:31	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B	DL	500	20 mL	20 mL	88612	08/19/20 01:45	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		5			87490	08/13/20 12:06	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87490	08/13/20 21:12	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87492	08/13/20 21:12	URMH	ECL 1
	Instrument ID: IC15									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		1			90161	08/25/20 08:43	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		20			90161	08/25/20 09:58	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89939	08/24/20 13:15	WL8G	ECL 1
Dissolved	Analysis	7470A		1			90160	08/25/20 10:47	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	90445	08/25/20 15:17	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	5 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-16

Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	88333	08/18/20 05:00	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		5			87490	08/13/20 12:27	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87490	08/13/20 21:33	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87492	08/13/20 21:33	URMH	ECL 1
	Instrument ID: IC15									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		1			90161	08/25/20 08:45	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		20			90161	08/25/20 10:25	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar Former Rendering Plant

Job ID: 570-35704-1

Client Sample ID: MW-16

Date Collected: 08/12/20 10:40
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			50 mL	100 mL	89939	08/24/20 13:15	WL8G	ECL 1
Dissolved	Analysis	7470A		1			90160	08/25/20 10:52	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	90445	08/25/20 15:23	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: Non Program Dup

Date Collected: 08/12/20 00:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	88333	08/18/20 05:28	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B	DL	2	20 mL	20 mL	88612	08/19/20 02:14	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		5			87490	08/13/20 12:47	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87490	08/13/20 22:13	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87492	08/13/20 22:13	URMH	ECL 1
	Instrument ID: IC15									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		1			90161	08/25/20 09:01	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		20			90161	08/25/20 10:27	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89939	08/24/20 13:15	WL8G	ECL 1
Dissolved	Analysis	7470A		1			90160	08/25/20 10:54	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	90445	08/25/20 15:30	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: QCEB

Date Collected: 08/12/20 12:10
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	88333	08/17/20 23:14	UJHB	ECL 2
	Instrument ID: GCMSUU									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar Former Rendering Plant

Job ID: 570-35704-1

Client Sample ID: QCTB

Date Collected: 08/12/20 07:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	88333	08/17/20 23:43	UJHB	ECL 2
	Instrument ID: GCMSUU									

Client Sample ID: MW-17

Date Collected: 08/12/20 11:53
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	88333	08/18/20 05:57	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		2			87490	08/13/20 13:07	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87492	08/13/20 22:54	URMH	ECL 1
	Instrument ID: IC15									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		1			90161	08/25/20 09:03	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89939	08/24/20 13:15	WL8G	ECL 1
Dissolved	Analysis	7470A		1			90160	08/25/20 10:56	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	90445	08/25/20 15:37	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-20

Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	88333	08/18/20 06:26	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		5			87490	08/13/20 13:28	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87490	08/13/20 23:15	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87492	08/13/20 23:15	URMH	ECL 1
	Instrument ID: IC15									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		1			90161	08/25/20 09:05	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		20			90161	08/25/20 10:29	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar Former Rendering Plant

Job ID: 570-35704-1

Client Sample ID: MW-20

Date Collected: 08/12/20 10:26
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			50 mL	100 mL	89939	08/24/20 13:15	WL8G	ECL 1
Dissolved	Analysis	7470A		1			90160	08/25/20 10:58	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	90445	08/25/20 15:44	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	5 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-23

Date Collected: 08/12/20 09:00
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35704-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	20 mL	20 mL	88333	08/18/20 06:54	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B	DL	500	20 mL	20 mL	88612	08/19/20 02:43	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		5			87490	08/13/20 13:48	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		100			87490	08/13/20 23:55	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		100			87492	08/13/20 23:55	URMH	ECL 1
	Instrument ID: IC15									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		1			90161	08/25/20 09:08	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89918	08/24/20 12:15	WL8G	ECL 1
Dissolved	Analysis	6010B		20			90161	08/25/20 10:31	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89939	08/24/20 13:15	WL8G	ECL 1
Dissolved	Analysis	7470A		1			90160	08/25/20 11:08	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	90445	08/25/20 15:51	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35704-1
Project/Site: Omar Former Rendering Plant

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar Former Rendering Plant

Job ID: 570-35704-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-35704-1	MW-21R	Water	08/12/20 09:18	08/12/20 19:00	
570-35704-2	MW-16	Water	08/12/20 10:40	08/12/20 19:00	
570-35704-3	Non Program Dup	Water	08/12/20 00:00	08/12/20 19:00	
570-35704-4	QCEB	Water	08/12/20 12:10	08/12/20 19:00	
570-35704-5	QCTB	Water	08/12/20 07:00	08/12/20 19:00	
570-35704-6	MW-17	Water	08/12/20 11:53	08/12/20 19:00	
570-35704-7	MW-20	Water	08/12/20 10:26	08/12/20 19:00	
570-35704-8	MW-23	Water	08/12/20 09:00	08/12/20 19:00	

35704

eurofins | Calscience

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

570-35704 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 20200812
PAGE: 1 OF 2 PS

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com

CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant
PROJECT CONTACT: Tracy Rich
P.O. NO.: PO#
SAMPLER(S): (PRINT) BBC EW.

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✻ 10 DAYS

✻ COELT EDF | GLOBAL ID: L10003156547 | LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3).
Note1: As,Ba,Cd,Cr,Cu,Pb,Hg,Mo,Ni,Se,Ag,Tl,V,Zn
Note 2: Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf.

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total, HCO3, CO3), EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Title 22 Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs
1	MW-21R	20200812	0918	W	7	3	4	1	x	x	x	x	x	
2	MW-16	↑	1040	W	7	3	4	1	x	x	x	x	x	
3	Non Program Dup	↓	—	W	7	3	4	1	x	x	x	x	x	
4	QCEB	20200812	1210	W	3		3		~~x~~	~~x~~	~~x~~	~~x~~	x	
5	QCTB	20200812	0700	W	2		2		~~x~~	~~x~~	~~x~~	~~x~~	x	
6	MW-17	↑	1153	W	7	3	4	1	x	x	x	x	x	
7	MW-20	↓	1026	W	7	3	4	1	x	x	x	x	x	
8	MW-23	20200812	0900	W	7	3	4	1	x	x	x	x	x	
9									x	x	x	x	x	
10									x	x	x	x	x	

Containers:
- 250mL Poly-SM2320B, EPA 300.0
- 1L Poly-SM 2540C TDS
- 250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd)
- 3x40mL VOA vials with HCl - EPA 8260B. Collect 6 vials from one of the wells for MS/MSD.
- 1L Amber Glass - 8270C SVOCs. Collect 3 ambers from onf the wells for MS/MSD.

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EQ	Date: 08/12/2020	Time: 15:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Manibel Eei	Date: 08/12/2020	Time: 1900
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

4.7/4.3 SCG

08/10/16 Revision

8/26/2020

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-35704-1

Login Number: 35704
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-35585-1
Client Project/Site: Omar Former Rendering Plant Non Program

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
8/25/2020 5:01:59 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 6
Client Sample Results 8
Surrogate Summary 23
QC Sample Results 24
QC Association Summary 45
Lab Chronicle 48
Certification Summary 51
Method Summary 52
Sample Summary 53
Chain of Custody 54
Receipt Checklists 55

Definitions/Glossary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-35585-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-35585-1

Comments
No additional comments.

Receipt
The samples were received on 8/11/2020 6:25 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-87321.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-87320.

Method 8260B: The method blank for analytical batch 570-87532 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 570-87532 were outside control limits: (570-35586-A-5 MS) and (570-35586-A-5 MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-88196.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-86937 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Orthophosphate as P analytical batch 570-87205 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-89513 and analytical batch 570-89598 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Calcium and Magnesium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-89513 and analytical batch 570-89598 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 6010B: Due to the high concentration of Sodium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-89513 and analytical batch 570-89763 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Job ID: 570-35585-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Client Sample ID: MW-22
Lab Sample ID: 570-35585-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.12	J	0.50	0.088	ug/L	1		8260B	Total/NA
Chloroform	0.45	J	0.50	0.062	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	7.0		0.50	0.11	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.8		0.50	0.060	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.39	J	0.50	0.10	ug/L	1		8260B	Total/NA
t-1,2-Dichloroethene	0.68		0.50	0.082	ug/L	1		8260B	Total/NA
Trichloroethene	17		0.50	0.10	ug/L	1		8260B	Total/NA
Vinyl chloride	18		0.50	0.078	ug/L	1		8260B	Total/NA
Benzene - RA	0.37	J	0.50	0.072	ug/L	1		8260B	Total/NA
Chloride	4600		200	72	mg/L	200		300.0	Total/NA
Nitrate as N	4.1		0.50	0.12	mg/L	5		300.0	Total/NA
Sulfate	550		200	47	mg/L	200		300.0	Total/NA
Barium	0.112		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	669		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0123	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.173	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0415	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	216		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.485		0.0500	0.00405	mg/L	1		6010B	Dissolved
Nickel	0.132		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	21.8		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0346	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Silver	0.00354	J B	0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium	2550		20.0	11.1	mg/L	10		6010B	Dissolved
Thallium	0.0233	J	0.0500	0.0161	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	324		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	324		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	11400		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-18
Lab Sample ID: 570-35585-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.21	J	0.50	0.062	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.16	J	0.50	0.060	ug/L	1		8260B	Total/NA
Methylene Chloride	0.058	J	1.0	0.043	ug/L	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	4.6	J	10	4.0	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		0.50	0.24	ug/L	1		8260B	Total/NA
Trichloroethene	3.7		0.50	0.10	ug/L	1		8260B	Total/NA
Chloride	8800		200	72	mg/L	200		300.0	Total/NA
Nitrate as N	29		1.0	0.24	mg/L	10		300.0	Total/NA
Sulfate	1700		200	47	mg/L	200		300.0	Total/NA
Barium	0.0449		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00229	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	969		20.0	4.59	mg/L	10		6010B	Dissolved
Chromium	0.0186	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.195	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0258	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	486		0.500	0.0493	mg/L	1		6010B	Dissolved
Molybdenum	0.0108	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Potassium	12.9		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0506	J	0.100	0.0244	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-18 (Continued)
Lab Sample ID: 570-35585-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	5060		20.0	11.1	mg/L	10		6010B	Dissolved
Thallium	0.0268	J	0.0500	0.0161	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	252		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	252		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	20800		4.00	3.48	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-24
Lab Sample ID: 570-35585-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	14	J	100	14	ug/L	200		8260B	Total/NA
Bromodichloromethane	12	J	100	11	ug/L	200		8260B	Total/NA
Chloroform	170	B	100	12	ug/L	200		8260B	Total/NA
1,1-Dichloroethane	320		100	12	ug/L	200		8260B	Total/NA
1,2-Dichloroethane	21	J	100	15	ug/L	200		8260B	Total/NA
1,1-Dichloroethene	32	J	100	21	ug/L	200		8260B	Total/NA
Methylene Chloride	69	J	200	8.5	ug/L	200		8260B	Total/NA
tert-Butyl alcohol (TBA)	2100		2000	800	ug/L	200		8260B	Total/NA
Trichloroethene	4500		100	20	ug/L	200		8260B	Total/NA
Chloride	8600		400	140	mg/L	400		300.0	Total/NA
Nitrate as N	2300		40	9.6	mg/L	400		300.0	Total/NA
Sulfate	2100		400	95	mg/L	400		300.0	Total/NA
Barium	0.0998		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	3190		20.0	4.59	mg/L	10		6010B	Dissolved
Chromium	0.163		0.0500	0.00688	mg/L	1		6010B	Dissolved
Copper	0.00721	J	0.0500	0.00614	mg/L	1		6010B	Dissolved
Iron	0.224	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0328	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	827		5.00	0.493	mg/L	10		6010B	Dissolved
Manganese	0.870		0.0500	0.00405	mg/L	1		6010B	Dissolved
Nickel	1.24		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	45.8		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0264	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Sodium	4950		20.0	11.1	mg/L	10		6010B	Dissolved
Thallium	0.0298	J	0.0500	0.0161	mg/L	1		6010B	Dissolved
Alkalinity, Total (As CaCO3)	326		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	326		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	29800		4.00	3.48	mg/L	1		SM 2540C	Total/NA

Client Sample ID: QCEB
Lab Sample ID: 570-35585-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		10	4.0	ug/L	1		8260B	Total/NA

Client Sample ID: QCTB
Lab Sample ID: 570-35585-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.077	J	1.0	0.043	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-22
Date Collected: 08/11/20 12:20
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/12/20 17:33	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 17:33	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 17:33	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 17:33	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 17:33	1
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 17:33	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 17:33	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 17:33	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 17:33	1
Chlorobenzene	**0.12**	**J**	0.50	0.088	ug/L			08/12/20 17:33	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 17:33	1
Chloroform	**0.45**	**J**	0.50	0.062	ug/L			08/12/20 17:33	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 17:33	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 17:33	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 17:33	1
c-1,2-Dichloroethene	**7.0**		0.50	0.11	ug/L			08/12/20 17:33	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 17:33	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 17:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 17:33	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 17:33	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 17:33	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 17:33	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 17:33	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 17:33	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 17:33	1
1,1-Dichloroethane	**8.8**		0.50	0.060	ug/L			08/12/20 17:33	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 17:33	1
1,1-Dichloroethene	**0.39**	**J**	0.50	0.10	ug/L			08/12/20 17:33	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 17:33	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 17:33	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 17:33	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 17:33	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 17:33	1
Ethanol	ND		50	20	ug/L			08/12/20 17:33	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 17:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 17:33	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 17:33	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 17:33	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/12/20 17:33	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 17:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 17:33	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 17:33	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 17:33	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 17:33	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 17:33	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 17:33	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 17:33	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 17:33	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 17:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-22
Date Collected: 08/11/20 12:20
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 17:33	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 17:33	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 17:33	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 17:33	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 17:33	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 17:33	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 17:33	1
t-1,2-Dichloroethene	**0.68**		0.50	0.082	ug/L			08/12/20 17:33	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 17:33	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 17:33	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 17:33	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 17:33	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 17:33	1
Trichloroethene	**17**		0.50	0.10	ug/L			08/12/20 17:33	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 17:33	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 17:33	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 17:33	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 17:33	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 17:33	1
Vinyl chloride	**18**		0.50	0.078	ug/L			08/12/20 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*68 - 120*		*08/12/20 17:33*	*1*
Dibromofluoromethane	*111*		*80 - 127*		*08/12/20 17:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 128*		*08/12/20 17:33*	*1*
Toluene-d8 (Surr)	*112*		*80 - 120*		*08/12/20 17:33*	*1*

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/16/20 02:53	1
Benzene	ND		0.50	0.072	ug/L			08/16/20 02:53	1
Bromobenzene	ND		0.50	0.061	ug/L			08/16/20 02:53	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/16/20 02:53	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/16/20 02:53	1
Bromoform	ND		0.50	0.096	ug/L			08/16/20 02:53	1
Bromomethane	ND		2.0	0.99	ug/L			08/16/20 02:53	1
2-Butanone	ND		5.0	0.46	ug/L			08/16/20 02:53	1
Carbon disulfide	ND		10	0.39	ug/L			08/16/20 02:53	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/16/20 02:53	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/16/20 02:53	1
Chloroethane	ND		0.50	0.12	ug/L			08/16/20 02:53	1
Chloroform	**0.21**	**J**	0.50	0.062	ug/L			08/16/20 02:53	1
Chloromethane	ND		5.0	2.0	ug/L			08/16/20 02:53	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/16/20 02:53	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/16/20 02:53	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/16/20 02:53	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/16/20 02:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		0.50	0.064	ug/L			08/16/20 02:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/16/20 02:53	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/16/20 02:53	1
Dibromomethane	ND		0.50	0.13	ug/L			08/16/20 02:53	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/16/20 02:53	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/16/20 02:53	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/16/20 02:53	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/16/20 02:53	1
1,1-Dichloroethane	**0.16**	**J**	0.50	0.060	ug/L			08/16/20 02:53	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/16/20 02:53	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/16/20 02:53	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/16/20 02:53	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/16/20 02:53	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/16/20 02:53	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/16/20 02:53	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/16/20 02:53	1
Ethanol	ND		50	20	ug/L			08/16/20 02:53	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/16/20 02:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/16/20 02:53	1
2-Hexanone	ND		10	0.50	ug/L			08/16/20 02:53	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/16/20 02:53	1
Methylene Chloride	**0.058**	**J**	1.0	0.043	ug/L			08/16/20 02:53	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/16/20 02:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/16/20 02:53	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/16/20 02:53	1
Naphthalene	ND		1.0	0.097	ug/L			08/16/20 02:53	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/16/20 02:53	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/16/20 02:53	1
o-Xylene	ND		0.50	0.086	ug/L			08/16/20 02:53	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/16/20 02:53	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/16/20 02:53	1
Styrene	ND		0.50	0.059	ug/L			08/16/20 02:53	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/16/20 02:53	1
tert-Butyl alcohol (TBA)	**4.6**	**J**	10	4.0	ug/L			08/16/20 02:53	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/16/20 02:53	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/16/20 02:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/16/20 02:53	1
Tetrachloroethene	**1.1**		0.50	0.24	ug/L			08/16/20 02:53	1
Toluene	ND		0.50	0.093	ug/L			08/16/20 02:53	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/16/20 02:53	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/16/20 02:53	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/16/20 02:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/16/20 02:53	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/16/20 02:53	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/16/20 02:53	1
Trichloroethene	**3.7**		0.50	0.10	ug/L			08/16/20 02:53	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/16/20 02:53	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/16/20 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	0.50	0.13	ug/L			08/16/20 02:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/16/20 02:53	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/16/20 02:53	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/16/20 02:53	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/16/20 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68 - 120*		*08/16/20 02:53*	*1*
Dibromofluoromethane	*100*		*80 - 127*		*08/16/20 02:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 128*		*08/16/20 02:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/16/20 02:53*	*1*

Client Sample ID: MW-24
Date Collected: 08/11/20 14:21
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2000	800	ug/L			08/13/20 14:13	200
Benzene	**14**	**J**	100	14	ug/L			08/13/20 14:13	200
Bromobenzene	ND		100	12	ug/L			08/13/20 14:13	200
Bromochloromethane	ND		200	16	ug/L			08/13/20 14:13	200
Bromodichloromethane	**12**	**J**	100	11	ug/L			08/13/20 14:13	200
Bromoform	ND		100	19	ug/L			08/13/20 14:13	200
Bromomethane	ND		400	200	ug/L			08/13/20 14:13	200
2-Butanone	ND		1000	92	ug/L			08/13/20 14:13	200
Carbon disulfide	ND		2000	77	ug/L			08/13/20 14:13	200
Carbon tetrachloride	ND		100	11	ug/L			08/13/20 14:13	200
Chlorobenzene	ND		100	18	ug/L			08/13/20 14:13	200
Chloroethane	ND		100	23	ug/L			08/13/20 14:13	200
Chloroform	**170**	**B**	100	12	ug/L			08/13/20 14:13	200
Chloromethane	ND		1000	390	ug/L			08/13/20 14:13	200
2-Chlorotoluene	ND		100	12	ug/L			08/13/20 14:13	200
4-Chlorotoluene	ND		100	18	ug/L			08/13/20 14:13	200
c-1,2-Dichloroethene	ND		100	22	ug/L			08/13/20 14:13	200
c-1,3-Dichloropropene	ND		100	19	ug/L			08/13/20 14:13	200
Dibromochloromethane	ND		100	13	ug/L			08/13/20 14:13	200
1,2-Dibromo-3-Chloropropane	ND		1000	100	ug/L			08/13/20 14:13	200
1,2-Dibromoethane	ND		100	12	ug/L			08/13/20 14:13	200
Dibromomethane	ND		100	25	ug/L			08/13/20 14:13	200
1,2-Dichlorobenzene	ND		100	16	ug/L			08/13/20 14:13	200
1,3-Dichlorobenzene	ND		100	20	ug/L			08/13/20 14:13	200
1,4-Dichlorobenzene	ND		100	15	ug/L			08/13/20 14:13	200
Dichlorodifluoromethane	ND		200	20	ug/L			08/13/20 14:13	200
1,1-Dichloroethane	**320**		100	12	ug/L			08/13/20 14:13	200
1,2-Dichloroethane	**21**	**J**	100	15	ug/L			08/13/20 14:13	200
1,1-Dichloroethene	**32**	**J**	100	21	ug/L			08/13/20 14:13	200
1,2-Dichloropropane	ND		100	20	ug/L			08/13/20 14:13	200
1,3-Dichloropropane	ND		200	16	ug/L			08/13/20 14:13	200
2,2-Dichloropropane	ND		200	75	ug/L			08/13/20 14:13	200
1,1-Dichloropropene	ND		100	14	ug/L			08/13/20 14:13	200
Di-isopropyl ether (DIPE)	ND		100	14	ug/L			08/13/20 14:13	200
Ethanol	ND		10000	4000	ug/L			08/13/20 14:13	200

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-24
Date Collected: 08/11/20 14:21
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		100	17	ug/L			08/13/20 14:13	200
Ethyl-t-butyl ether (ETBE)	ND		100	17	ug/L			08/13/20 14:13	200
2-Hexanone	ND		2000	100	ug/L			08/13/20 14:13	200
Isopropylbenzene	ND		100	15	ug/L			08/13/20 14:13	200
Methylene Chloride	**69**	**J**	200	8.5	ug/L			08/13/20 14:13	200
4-Methyl-2-pentanone	ND		1000	83	ug/L			08/13/20 14:13	200
Methyl-t-Butyl Ether (MTBE)	ND		100	13	ug/L			08/13/20 14:13	200
m,p-Xylene	ND		200	30	ug/L			08/13/20 14:13	200
Naphthalene	ND		200	19	ug/L			08/13/20 14:13	200
n-Butylbenzene	ND		100	22	ug/L			08/13/20 14:13	200
N-Propylbenzene	ND		100	15	ug/L			08/13/20 14:13	200
o-Xylene	ND		100	17	ug/L			08/13/20 14:13	200
p-Isopropyltoluene	ND		100	15	ug/L			08/13/20 14:13	200
sec-Butylbenzene	ND		100	19	ug/L			08/13/20 14:13	200
Styrene	ND		100	12	ug/L			08/13/20 14:13	200
Tert-amyl-methyl ether (TAME)	ND		100	20	ug/L			08/13/20 14:13	200
tert-Butyl alcohol (TBA)	**2100**		2000	800	ug/L			08/13/20 14:13	200
tert-Butylbenzene	ND		100	16	ug/L			08/13/20 14:13	200
1,1,1,2-Tetrachloroethane	ND		100	14	ug/L			08/13/20 14:13	200
1,1,2,2-Tetrachloroethane	ND		100	17	ug/L			08/13/20 14:13	200
Tetrachloroethene	ND		100	48	ug/L			08/13/20 14:13	200
Toluene	ND		100	19	ug/L			08/13/20 14:13	200
t-1,2-Dichloroethene	ND		100	16	ug/L			08/13/20 14:13	200
t-1,3-Dichloropropene	ND		100	11	ug/L			08/13/20 14:13	200
1,2,3-Trichlorobenzene	ND		100	24	ug/L			08/13/20 14:13	200
1,2,4-Trichlorobenzene	ND		100	18	ug/L			08/13/20 14:13	200
1,1,1-Trichloroethane	ND		100	17	ug/L			08/13/20 14:13	200
1,1,2-Trichloroethane	ND		100	14	ug/L			08/13/20 14:13	200
Trichloroethene	**4500**		100	20	ug/L			08/13/20 14:13	200
Trichlorofluoromethane	ND		100	21	ug/L			08/13/20 14:13	200
1,2,3-Trichloropropane	ND		200	15	ug/L			08/13/20 14:13	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	100	25	ug/L			08/13/20 14:13	200
1,2,4-Trimethylbenzene	ND		100	14	ug/L			08/13/20 14:13	200
1,3,5-Trimethylbenzene	ND		100	16	ug/L			08/13/20 14:13	200
Vinyl acetate	ND		1000	140	ug/L			08/13/20 14:13	200
Vinyl chloride	ND		100	16	ug/L			08/13/20 14:13	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*08/13/20 14:13*	*200*
Dibromofluoromethane	*98*		*80 - 127*		*08/13/20 14:13*	*200*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*		*08/13/20 14:13*	*200*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/13/20 14:13*	*200*

Client Sample ID: QCEB
Date Collected: 08/11/20 15:11
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**12**		10	4.0	ug/L			08/12/20 11:47	1
Benzene	ND		0.50	0.072	ug/L			08/12/20 11:47	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 11:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 08/11/20 15:11
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 11:47	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 11:47	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 11:47	1
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 11:47	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 11:47	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 11:47	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 11:47	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/12/20 11:47	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 11:47	1
Chloroform	ND		0.50	0.062	ug/L			08/12/20 11:47	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 11:47	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 11:47	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 11:47	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/12/20 11:47	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 11:47	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 11:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 11:47	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 11:47	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 11:47	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 11:47	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 11:47	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 11:47	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 11:47	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/12/20 11:47	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 11:47	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/12/20 11:47	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 11:47	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 11:47	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 11:47	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 11:47	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 11:47	1
Ethanol	ND		50	20	ug/L			08/12/20 11:47	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 11:47	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 11:47	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 11:47	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 11:47	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/12/20 11:47	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 11:47	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 11:47	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 11:47	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 11:47	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 11:47	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 11:47	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 11:47	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 11:47	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 11:47	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 11:47	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 11:47	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 11:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 08/11/20 15:11
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 11:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 11:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 11:47	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 11:47	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 11:47	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/12/20 11:47	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 11:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 11:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 11:47	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 11:47	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 11:47	1
Trichloroethene	ND		0.50	0.10	ug/L			08/12/20 11:47	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 11:47	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 11:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 11:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 11:47	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 11:47	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/12/20 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*08/12/20 11:47*	*1*
Dibromofluoromethane	*97*		*80 - 127*		*08/12/20 11:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*		*08/12/20 11:47*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/12/20 11:47*	*1*

Client Sample ID: QCTB
Date Collected: 08/11/20 07:00
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/12/20 12:16	1
Benzene	ND		0.50	0.072	ug/L			08/12/20 12:16	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 12:16	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 12:16	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 12:16	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 12:16	1
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 12:16	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 12:16	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 12:16	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 12:16	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/12/20 12:16	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 12:16	1
Chloroform	ND		0.50	0.062	ug/L			08/12/20 12:16	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 12:16	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 12:16	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 12:16	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/12/20 12:16	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 12:16	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 12:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 12:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 08/11/20 07:00
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 12:16	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 12:16	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 12:16	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 12:16	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 12:16	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 12:16	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/12/20 12:16	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 12:16	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/12/20 12:16	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 12:16	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 12:16	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 12:16	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 12:16	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 12:16	1
Ethanol	ND		50	20	ug/L			08/12/20 12:16	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 12:16	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 12:16	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 12:16	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 12:16	1
Methylene Chloride	**0.077**	**J**	1.0	0.043	ug/L			08/12/20 12:16	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 12:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 12:16	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 12:16	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 12:16	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 12:16	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 12:16	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 12:16	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 12:16	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 12:16	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 12:16	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 12:16	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 12:16	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 12:16	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 12:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 12:16	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 12:16	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 12:16	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/12/20 12:16	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 12:16	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 12:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 12:16	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 12:16	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 12:16	1
Trichloroethene	ND		0.50	0.10	ug/L			08/12/20 12:16	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 12:16	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 12:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 12:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 12:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 12:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 08/11/20 07:00
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 12:16	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/12/20 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*		*08/12/20 12:16*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*08/12/20 12:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*		*08/12/20 12:16*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/12/20 12:16*	*1*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Client Sample ID: MW-22
Date Collected: 08/11/20 12:20
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.37**	**J**	0.50	0.072	ug/L			08/16/20 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*08/16/20 02:24*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*08/16/20 02:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 128*		*08/16/20 02:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/16/20 02:24*	*1*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: MW-22
Date Collected: 08/11/20 12:20
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4600**		200	72	mg/L			08/12/20 19:59	200
Nitrate as N	**4.1**		0.50	0.12	mg/L			08/12/20 01:06	5
Orthophosphate as P	ND		0.50	0.38	mg/L			08/12/20 17:54	5
Sulfate	**550**		200	47	mg/L			08/12/20 19:59	200

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8800**		200	72	mg/L			08/12/20 22:16	200
Nitrate as N	**29**		1.0	0.24	mg/L			08/12/20 01:25	10
Orthophosphate as P	ND		1.0	0.76	mg/L			08/12/20 18:14	10
Sulfate	**1700**		200	47	mg/L			08/12/20 22:16	200

Client Sample ID: MW-24
Date Collected: 08/11/20 14:21
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8600**		400	140	mg/L			08/12/20 22:37	400
Nitrate as N	**2300**		40	9.6	mg/L			08/12/20 22:37	400
Orthophosphate as P	ND		2.0	1.5	mg/L			08/12/20 18:34	20
Sulfate	**2100**		400	95	mg/L			08/12/20 22:37	400

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: MW-22
Date Collected: 08/11/20 12:20
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:47	1
Barium	**0.112**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:47	1
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:47	1
Calcium	**669**		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:47	1
Chromium	**0.0123**	**J**	0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:47	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:47	1
Iron	**0.173**	**J**	0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:47	1
Lead	**0.0415**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:47	1
Magnesium	**216**		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:47	1
Manganese	**0.485**		0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:47	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:47	1
Nickel	**0.132**		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:47	1
Potassium	**21.8**		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:47	1
Selenium	**0.0346**	**J**	0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:47	1
Silver	**0.00354**	**J B**	0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:47	1
Sodium	**2550**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:44	10
Thallium	**0.0233**	**J**	0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:47	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:47	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:47	1

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:49	1
Barium	**0.0449**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:49	1
Cadmium	**0.00229**	**J**	0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:49	1
Calcium	**969**		20.0	4.59	mg/L		08/21/20 12:35	08/22/20 10:46	10
Chromium	**0.0186**	**J**	0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:49	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:49	1
Iron	**0.195**	**J**	0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:49	1
Lead	**0.0258**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:49	1
Magnesium	**486**		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:49	1
Manganese	ND		0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:49	1
Molybdenum	**0.0108**	**J**	0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:49	1
Nickel	ND		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:49	1
Potassium	**12.9**		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:49	1
Selenium	**0.0506**	**J**	0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:49	1
Silver	ND		0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:49	1
Sodium	**5060**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:46	10
Thallium	**0.0268**	**J**	0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:49	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:49	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:49	1

Client Sample ID: MW-24
Date Collected: 08/11/20 14:21
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:59	1
Barium	**0.0998**		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:59	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-24
Lab Sample ID: 570-35585-3
Date Collected: 08/11/20 14:21
Matrix: Water
Date Received: 08/11/20 18:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:59	1
Calcium	**3190**		20.0	4.59	mg/L		08/21/20 12:35	08/22/20 10:48	10
Chromium	**0.163**		0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:59	1
Copper	**0.00721**	**J**	0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:59	1
Iron	**0.224**	**J**	0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:59	1
Lead	**0.0328**	**J**	0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:59	1
Magnesium	**827**		5.00	0.493	mg/L		08/21/20 12:35	08/22/20 10:48	10
Manganese	**0.870**		0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:59	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:59	1
Nickel	**1.24**		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:59	1
Potassium	**45.8**		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:59	1
Selenium	**0.0264**	**J**	0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:59	1
Silver	ND		0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:59	1
Sodium	**4950**		20.0	11.1	mg/L		08/21/20 12:35	08/22/20 10:48	10
Thallium	**0.0298**	**J**	0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:59	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:59	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:59	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: MW-22
Date Collected: 08/11/20 12:20
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:37	1

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:39	1

Client Sample ID: MW-24
Date Collected: 08/11/20 14:21
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:42	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

General Chemistry

Client Sample ID: MW-22
Date Collected: 08/11/20 12:20
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**324**		5.00	1.69	mg/L			08/13/20 20:07	1
Bicarbonate (as CaCO3)	**324**		5.00	1.69	mg/L			08/13/20 20:07	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 20:07	1
Total Dissolved Solids	**11400**		2.00	1.74	mg/L			08/13/20 12:51	1

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**252**		5.00	1.69	mg/L			08/13/20 20:13	1
Bicarbonate (as CaCO3)	**252**		5.00	1.69	mg/L			08/13/20 20:13	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 20:13	1
Total Dissolved Solids	**20800**		4.00	3.48	mg/L			08/13/20 12:51	1

Client Sample ID: MW-24
Date Collected: 08/11/20 14:21
Date Received: 08/11/20 18:25
Lab Sample ID: 570-35585-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**326**		5.00	1.69	mg/L			08/13/20 20:20	1
Bicarbonate (as CaCO3)	**326**		5.00	1.69	mg/L			08/13/20 20:20	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 20:20	1
Total Dissolved Solids	**29800**		4.00	3.48	mg/L			08/13/20 12:51	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-35585-1	MW-22	115	111	112	112
570-35585-1 - RA	MW-22	92	95	102	99
570-35585-2	MW-18	98	100	107	99
570-35585-3	MW-24	99	98	104	101
570-35585-4	QCEB	99	97	99	103
570-35585-5	QCTB	97	95	99	102
570-35586-A-5 MS	Matrix Spike	106	96	104	105
570-35586-A-5 MSD	Matrix Spike Duplicate	106	99	106	104
LCS 570-87320/3	Lab Control Sample	104	106	104	102
LCS 570-87321/3	Lab Control Sample	103	96	95	103
LCS 570-87532/3	Lab Control Sample	105	98	99	105
LCS 570-88196/4	Lab Control Sample	100	102	105	100
LCSD 570-87320/4	Lab Control Sample Dup	107	107	104	102
LCSD 570-87321/4	Lab Control Sample Dup	104	95	96	102
LCSD 570-87532/4	Lab Control Sample Dup	104	99	102	104
LCSD 570-88196/5	Lab Control Sample Dup	100	100	103	99
MB 570-87320/6	Method Blank	105	104	99	104
MB 570-87321/6	Method Blank	98	91	95	99
MB 570-87532/6	Method Blank	99	96	102	99
MB 570-88196/8	Method Blank	92	102	111	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-87320/6
Matrix: Water
Analysis Batch: 87320

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/12/20 10:01	1
Benzene	ND		0.50	0.072	ug/L			08/12/20 10:01	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 10:01	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 10:01	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 10:01	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 10:01	1
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 10:01	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 10:01	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 10:01	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 10:01	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/12/20 10:01	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 10:01	1
Chloroform	ND		0.50	0.062	ug/L			08/12/20 10:01	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 10:01	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 10:01	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 10:01	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/12/20 10:01	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 10:01	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 10:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 10:01	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 10:01	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 10:01	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 10:01	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 10:01	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 10:01	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 10:01	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/12/20 10:01	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 10:01	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/12/20 10:01	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 10:01	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 10:01	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 10:01	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 10:01	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 10:01	1
Ethanol	ND		50	20	ug/L			08/12/20 10:01	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 10:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 10:01	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 10:01	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 10:01	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/12/20 10:01	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 10:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 10:01	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 10:01	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 10:01	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 10:01	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 10:01	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 10:01	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 10:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87320/6
Matrix: Water
Analysis Batch: 87320

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 10:01	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 10:01	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 10:01	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 10:01	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 10:01	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 10:01	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 10:01	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 10:01	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 10:01	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/12/20 10:01	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 10:01	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 10:01	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 10:01	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 10:01	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 10:01	1
Trichloroethene	ND		0.50	0.10	ug/L			08/12/20 10:01	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 10:01	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 10:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 10:01	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 10:01	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 10:01	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 10:01	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/12/20 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*68 - 120*		*08/12/20 10:01*	*1*
Dibromofluoromethane	*104*		*80 - 127*		*08/12/20 10:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*		*08/12/20 10:01*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/12/20 10:01*	*1*

Lab Sample ID: LCS 570-87320/3
Matrix: Water
Analysis Batch: 87320

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.77		ug/L		108	80 - 120
Carbon tetrachloride	10.0	9.374		ug/L		94	80 - 129
Chlorobenzene	10.0	10.20		ug/L		102	80 - 120
1,2-Dibromoethane	10.0	9.674		ug/L		97	80 - 120
1,2-Dichlorobenzene	10.0	10.30		ug/L		103	80 - 120
1,2-Dichloroethane	10.0	10.21		ug/L		102	80 - 122
1,1-Dichloroethene	10.0	10.53		ug/L		105	77 - 120
Di-isopropyl ether (DIPE)	10.0	10.63		ug/L		106	73 - 121
Ethanol	100	107.2		ug/L		107	73 - 133
Ethylbenzene	10.0	10.26		ug/L		103	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	10.00		ug/L		100	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	9.714		ug/L		97	75 - 123
m,p-Xylene	20.0	21.09		ug/L		105	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87320/3
Matrix: Water
Analysis Batch: 87320

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	10.55		ug/L		106	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	9.750		ug/L		98	80 - 120		
tert-Butyl alcohol (TBA)			50.0	51.93		ug/L		104	80 - 120		
Toluene			10.0	10.06		ug/L		101	80 - 120		
Trichloroethene			10.0	10.54		ug/L		105	80 - 120		
Vinyl chloride			10.0	12.12		ug/L		121	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*68 - 120*
Dibromofluoromethane	*106*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-87320/4
Matrix: Water
Analysis Batch: 87320

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	9.932		ug/L		99	80 - 120	8	22
Carbon tetrachloride			10.0	9.207		ug/L		92	80 - 129	2	36
Chlorobenzene			10.0	9.230		ug/L		92	80 - 120	10	29
1,2-Dibromoethane			10.0	9.304		ug/L		93	80 - 120	4	32
1,2-Dichlorobenzene			10.0	9.207		ug/L		92	80 - 120	11	30
1,2-Dichloroethane			10.0	9.731		ug/L		97	80 - 122	5	23
1,1-Dichloroethene			10.0	9.997		ug/L		100	77 - 120	5	26
Di-isopropyl ether (DIPE)			10.0	10.50		ug/L		105	73 - 121	1	26
Ethanol			100	100.5		ug/L		101	73 - 133	6	30
Ethylbenzene			10.0	9.271		ug/L		93	80 - 120	10	25
Ethyl-t-butyl ether (ETBE)			10.0	9.937		ug/L		99	76 - 124	1	30
Methyl-t-Butyl Ether (MTBE)			10.0	9.518		ug/L		95	75 - 123	2	27
m,p-Xylene			20.0	19.14		ug/L		96	80 - 120	10	30
o-Xylene			10.0	9.696		ug/L		97	80 - 120	8	30
Tert-amyl-methyl ether (TAME)			10.0	9.541		ug/L		95	80 - 120	2	24
tert-Butyl alcohol (TBA)			50.0	49.01		ug/L		98	80 - 120	6	30
Toluene			10.0	9.342		ug/L		93	80 - 120	7	28
Trichloroethene			10.0	9.604		ug/L		96	80 - 120	9	25
Vinyl chloride			10.0	11.45		ug/L		114	63 - 135	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*68 - 120*
Dibromofluoromethane	*107*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87321/6
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/12/20 10:11	1
Benzene	ND		0.50	0.072	ug/L			08/12/20 10:11	1
Bromobenzene	ND		0.50	0.061	ug/L			08/12/20 10:11	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/12/20 10:11	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/12/20 10:11	1
Bromoform	ND		0.50	0.096	ug/L			08/12/20 10:11	1
Bromomethane	ND		2.0	0.99	ug/L			08/12/20 10:11	1
2-Butanone	ND		5.0	0.46	ug/L			08/12/20 10:11	1
Carbon disulfide	ND		10	0.39	ug/L			08/12/20 10:11	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/12/20 10:11	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/12/20 10:11	1
Chloroethane	ND		0.50	0.12	ug/L			08/12/20 10:11	1
Chloroform	ND		0.50	0.062	ug/L			08/12/20 10:11	1
Chloromethane	ND		5.0	2.0	ug/L			08/12/20 10:11	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/12/20 10:11	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/12/20 10:11	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/12/20 10:11	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/12/20 10:11	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/12/20 10:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/12/20 10:11	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/12/20 10:11	1
Dibromomethane	ND		0.50	0.13	ug/L			08/12/20 10:11	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/12/20 10:11	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/12/20 10:11	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/12/20 10:11	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/12/20 10:11	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/12/20 10:11	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/12/20 10:11	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/12/20 10:11	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/12/20 10:11	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/12/20 10:11	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/12/20 10:11	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/12/20 10:11	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/12/20 10:11	1
Ethanol	ND		50	20	ug/L			08/12/20 10:11	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/12/20 10:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/12/20 10:11	1
2-Hexanone	ND		10	0.50	ug/L			08/12/20 10:11	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/12/20 10:11	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/12/20 10:11	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/12/20 10:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/12/20 10:11	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/12/20 10:11	1
Naphthalene	ND		1.0	0.097	ug/L			08/12/20 10:11	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/12/20 10:11	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/12/20 10:11	1
o-Xylene	ND		0.50	0.086	ug/L			08/12/20 10:11	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/12/20 10:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87321/6
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/12/20 10:11	1
Styrene	ND		0.50	0.059	ug/L			08/12/20 10:11	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/12/20 10:11	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/12/20 10:11	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/12/20 10:11	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/12/20 10:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/12/20 10:11	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/12/20 10:11	1
Toluene	ND		0.50	0.093	ug/L			08/12/20 10:11	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/12/20 10:11	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/12/20 10:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/12/20 10:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/12/20 10:11	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/12/20 10:11	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/12/20 10:11	1
Trichloroethene	ND		0.50	0.10	ug/L			08/12/20 10:11	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/12/20 10:11	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/12/20 10:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/12/20 10:11	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/12/20 10:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/12/20 10:11	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/12/20 10:11	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/12/20 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68 - 120*		*08/12/20 10:11*	*1*
Dibromofluoromethane	*91*		*80 - 127*		*08/12/20 10:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*		*08/12/20 10:11*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/12/20 10:11*	*1*

Lab Sample ID: LCS 570-87321/3
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.728		ug/L		97	80 - 120
Carbon tetrachloride	10.0	9.800		ug/L		98	80 - 129
Chlorobenzene	10.0	9.865		ug/L		99	80 - 120
1,2-Dibromoethane	10.0	9.832		ug/L		98	80 - 120
1,2-Dichlorobenzene	10.0	10.06		ug/L		101	80 - 120
1,2-Dichloroethane	10.0	9.982		ug/L		100	80 - 122
1,1-Dichloroethene	10.0	9.239		ug/L		92	77 - 120
Di-isopropyl ether (DIPE)	10.0	9.942		ug/L		99	73 - 121
Ethanol	100	73.66		ug/L		74	73 - 133
Ethylbenzene	10.0	10.48		ug/L		105	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	10.71		ug/L		107	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	10.05		ug/L		101	75 - 123
m,p-Xylene	20.0	21.43		ug/L		107	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87321/3
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	10.86		ug/L		109	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.12		ug/L		111	80 - 120		
tert-Butyl alcohol (TBA)			50.0	46.89		ug/L		94	80 - 120		
Toluene			10.0	10.15		ug/L		102	80 - 120		
Trichloroethene			10.0	10.11		ug/L		101	80 - 120		
Vinyl chloride			10.0	8.829		ug/L		88	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*68 - 120*
Dibromofluoromethane	*96*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-87321/4
Matrix: Water
Analysis Batch: 87321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	9.638		ug/L		96	80 - 120	1	22
Carbon tetrachloride			10.0	9.490		ug/L		95	80 - 129	3	36
Chlorobenzene			10.0	9.938		ug/L		99	80 - 120	1	29
1,2-Dibromoethane			10.0	10.40		ug/L		104	80 - 120	6	32
1,2-Dichlorobenzene			10.0	10.41		ug/L		104	80 - 120	3	30
1,2-Dichloroethane			10.0	10.43		ug/L		104	80 - 122	4	23
1,1-Dichloroethene			10.0	8.596		ug/L		86	77 - 120	7	26
Di-isopropyl ether (DIPE)			10.0	10.17		ug/L		102	73 - 121	2	26
Ethanol			100	92.29		ug/L		92	73 - 133	22	30
Ethylbenzene			10.0	10.47		ug/L		105	80 - 120	0	25
Ethyl-t-butyl ether (ETBE)			10.0	10.89		ug/L		109	76 - 124	2	30
Methyl-t-Butyl Ether (MTBE)			10.0	10.53		ug/L		105	75 - 123	5	27
m,p-Xylene			20.0	21.56		ug/L		108	80 - 120	1	30
o-Xylene			10.0	11.00		ug/L		110	80 - 120	1	30
Tert-amyl-methyl ether (TAME)			10.0	11.47		ug/L		115	80 - 120	3	24
tert-Butyl alcohol (TBA)			50.0	55.45		ug/L		111	80 - 120	17	30
Toluene			10.0	10.10		ug/L		101	80 - 120	1	28
Trichloroethene			10.0	9.957		ug/L		100	80 - 120	2	25
Vinyl chloride			10.0	8.768		ug/L		88	63 - 135	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*68 - 120*
Dibromofluoromethane	*95*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87532/6
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/13/20 10:23	1
Benzene	ND		0.50	0.072	ug/L			08/13/20 10:23	1
Bromobenzene	ND		0.50	0.061	ug/L			08/13/20 10:23	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/13/20 10:23	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/13/20 10:23	1
Bromoform	ND		0.50	0.096	ug/L			08/13/20 10:23	1
Bromomethane	ND		2.0	0.99	ug/L			08/13/20 10:23	1
2-Butanone	ND		5.0	0.46	ug/L			08/13/20 10:23	1
Carbon disulfide	ND		10	0.39	ug/L			08/13/20 10:23	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/13/20 10:23	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/13/20 10:23	1
Chloroethane	ND		0.50	0.12	ug/L			08/13/20 10:23	1
Chloroform	0.07878	J	0.50	0.062	ug/L			08/13/20 10:23	1
Chloromethane	ND		5.0	2.0	ug/L			08/13/20 10:23	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/13/20 10:23	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/13/20 10:23	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/13/20 10:23	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/13/20 10:23	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/13/20 10:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/13/20 10:23	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/13/20 10:23	1
Dibromomethane	ND		0.50	0.13	ug/L			08/13/20 10:23	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/13/20 10:23	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/13/20 10:23	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/13/20 10:23	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/13/20 10:23	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/13/20 10:23	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/13/20 10:23	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/13/20 10:23	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/13/20 10:23	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/13/20 10:23	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/13/20 10:23	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/13/20 10:23	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/13/20 10:23	1
Ethanol	ND		50	20	ug/L			08/13/20 10:23	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/13/20 10:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/13/20 10:23	1
2-Hexanone	ND		10	0.50	ug/L			08/13/20 10:23	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/13/20 10:23	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/13/20 10:23	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/13/20 10:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/13/20 10:23	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/13/20 10:23	1
Naphthalene	ND		1.0	0.097	ug/L			08/13/20 10:23	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/13/20 10:23	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/13/20 10:23	1
o-Xylene	ND		0.50	0.086	ug/L			08/13/20 10:23	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/13/20 10:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87532/6
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/13/20 10:23	1
Styrene	ND		0.50	0.059	ug/L			08/13/20 10:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/13/20 10:23	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/13/20 10:23	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/13/20 10:23	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/13/20 10:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/13/20 10:23	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/13/20 10:23	1
Toluene	ND		0.50	0.093	ug/L			08/13/20 10:23	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/13/20 10:23	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/13/20 10:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/13/20 10:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/13/20 10:23	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/13/20 10:23	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/13/20 10:23	1
Trichloroethene	ND		0.50	0.10	ug/L			08/13/20 10:23	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/13/20 10:23	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/13/20 10:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/13/20 10:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/13/20 10:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/13/20 10:23	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/13/20 10:23	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/13/20 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*08/13/20 10:23*	*1*
Dibromofluoromethane	*96*		*80 - 127*		*08/13/20 10:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 128*		*08/13/20 10:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/13/20 10:23*	*1*

Lab Sample ID: LCS 570-87532/3
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.58		ug/L		106	80 - 120
Carbon tetrachloride	10.0	10.41		ug/L		104	80 - 129
Chlorobenzene	10.0	10.54		ug/L		105	80 - 120
1,2-Dibromoethane	10.0	10.55		ug/L		105	80 - 120
1,2-Dichlorobenzene	10.0	10.52		ug/L		105	80 - 120
1,2-Dichloroethane	10.0	11.44		ug/L		114	80 - 122
1,1-Dichloroethene	10.0	9.557		ug/L		96	77 - 120
Di-isopropyl ether (DIPE)	10.0	10.70		ug/L		107	73 - 121
Ethanol	100	89.21		ug/L		89	73 - 133
Ethylbenzene	10.0	11.13		ug/L		111	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	11.12		ug/L		111	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	10.56		ug/L		106	75 - 123
m,p-Xylene	20.0	22.70		ug/L		114	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87532/3
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	11.54		ug/L		115	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.87		ug/L		119	80 - 120		
tert-Butyl alcohol (TBA)			50.0	55.63		ug/L		111	80 - 120		
Toluene			10.0	10.92		ug/L		109	80 - 120		
Trichloroethene			10.0	10.72		ug/L		107	80 - 120		
Vinyl chloride			10.0	9.665		ug/L		97	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*68 - 120*
Dibromofluoromethane	*98*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: LCSD 570-87532/4
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.09		ug/L		101	80 - 120	5	22
Carbon tetrachloride			10.0	9.969		ug/L		100	80 - 129	4	36
Chlorobenzene			10.0	10.42		ug/L		104	80 - 120	1	29
1,2-Dibromoethane			10.0	10.62		ug/L		106	80 - 120	1	32
1,2-Dichlorobenzene			10.0	10.33		ug/L		103	80 - 120	2	30
1,2-Dichloroethane			10.0	11.01		ug/L		110	80 - 122	4	23
1,1-Dichloroethene			10.0	8.427		ug/L		84	77 - 120	13	26
Di-isopropyl ether (DIPE)			10.0	10.40		ug/L		104	73 - 121	3	26
Ethanol			100	73.49		ug/L		73	73 - 133	19	30
Ethylbenzene			10.0	10.67		ug/L		107	80 - 120	4	25
Ethyl-t-butyl ether (ETBE)			10.0	11.05		ug/L		110	76 - 124	1	30
Methyl-t-Butyl Ether (MTBE)			10.0	10.71		ug/L		107	75 - 123	1	27
m,p-Xylene			20.0	21.80		ug/L		109	80 - 120	4	30
o-Xylene			10.0	11.24		ug/L		112	80 - 120	3	30
Tert-amyl-methyl ether (TAME)			10.0	11.84		ug/L		118	80 - 120	0	24
tert-Butyl alcohol (TBA)			50.0	47.85		ug/L		96	80 - 120	15	30
Toluene			10.0	10.41		ug/L		104	80 - 120	5	28
Trichloroethene			10.0	10.30		ug/L		103	80 - 120	4	25
Vinyl chloride			10.0	9.127		ug/L		91	63 - 135	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 128*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-35586-A-5 MS
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		10.0	9.795		ug/L		98	75 - 125
Carbon tetrachloride	ND		10.0	9.863		ug/L		99	69 - 135
Chlorobenzene	ND		10.0	9.976		ug/L		100	75 - 125
1,2-Dibromoethane	ND		10.0	10.52		ug/L		105	75 - 126
1,2-Dichlorobenzene	ND		10.0	10.10		ug/L		101	75 - 125
1,2-Dichloroethane	ND		10.0	10.75		ug/L		108	75 - 127
1,1-Dichloroethene	ND		10.0	9.022		ug/L		90	66 - 126
Di-isopropyl ether (DIPE)	ND		10.0	10.04		ug/L		100	64 - 136
Ethanol	ND		100	80.64		ug/L		81	73 - 133
Ethylbenzene	ND		10.0	10.38		ug/L		104	75 - 125
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.951		ug/L		100	73 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.23		ug/L		102	71 - 131
m,p-Xylene	ND		20.0	20.83		ug/L		104	75 - 125
o-Xylene	ND		10.0	10.84		ug/L		108	75 - 127
Tert-amyl-methyl ether (TAME)	ND		10.0	10.91		ug/L		109	75 - 125
tert-Butyl alcohol (TBA)	ND		50.0	49.35		ug/L		99	20 - 180
Toluene	ND		10.0	10.21		ug/L		102	75 - 125
Trichloroethene	0.52		10.0	10.23		ug/L		97	75 - 125
Vinyl chloride	ND		10.0	8.948		ug/L		89	52 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*68 - 120*
Dibromofluoromethane	*96*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 570-35586-A-5 MSD
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		10.0	10.13		ug/L		101	75 - 125	3	20
Carbon tetrachloride	ND		10.0	10.58		ug/L		106	69 - 135	7	20
Chlorobenzene	ND		10.0	10.35		ug/L		104	75 - 125	4	20
1,2-Dibromoethane	ND		10.0	11.15		ug/L		112	75 - 126	6	20
1,2-Dichlorobenzene	ND		10.0	10.57		ug/L		106	75 - 125	4	20
1,2-Dichloroethane	ND		10.0	11.22		ug/L		112	75 - 127	4	20
1,1-Dichloroethene	ND		10.0	9.832		ug/L		98	66 - 126	9	20
Di-isopropyl ether (DIPE)	ND		10.0	10.78		ug/L		108	64 - 136	7	20
Ethanol	ND		100	82.86		ug/L		83	73 - 133	3	27
Ethylbenzene	ND		10.0	10.80		ug/L		108	75 - 125	4	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	10.81		ug/L		108	73 - 133	8	20
Methyl-t-Butyl Ether (MTBE)	ND		10.0	11.08		ug/L		111	71 - 131	8	20
m,p-Xylene	ND		20.0	21.62		ug/L		108	75 - 125	4	20
o-Xylene	ND		10.0	11.34		ug/L		113	75 - 127	5	20
Tert-amyl-methyl ether (TAME)	ND		10.0	11.56		ug/L		116	75 - 125	6	20
tert-Butyl alcohol (TBA)	ND		50.0	48.83		ug/L		98	20 - 180	1	40
Toluene	ND		10.0	10.56		ug/L		106	75 - 125	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-35586-A-5 MSD
Matrix: Water
Analysis Batch: 87532

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	0.52		10.0	10.72		ug/L		102	75 - 125	5	20
Vinyl chloride	ND		10.0	9.733		ug/L		97	52 - 142	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 570-88196/8
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/15/20 21:34	1
Benzene	ND		0.50	0.072	ug/L			08/15/20 21:34	1
Bromobenzene	ND		0.50	0.061	ug/L			08/15/20 21:34	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/15/20 21:34	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/15/20 21:34	1
Bromoform	ND		0.50	0.096	ug/L			08/15/20 21:34	1
Bromomethane	ND		2.0	0.99	ug/L			08/15/20 21:34	1
2-Butanone	ND		5.0	0.46	ug/L			08/15/20 21:34	1
Carbon disulfide	ND		10	0.39	ug/L			08/15/20 21:34	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/15/20 21:34	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/15/20 21:34	1
Chloroethane	ND		0.50	0.12	ug/L			08/15/20 21:34	1
Chloroform	ND		0.50	0.062	ug/L			08/15/20 21:34	1
Chloromethane	ND		5.0	2.0	ug/L			08/15/20 21:34	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/15/20 21:34	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/15/20 21:34	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/15/20 21:34	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/15/20 21:34	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/15/20 21:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/15/20 21:34	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/15/20 21:34	1
Dibromomethane	ND		0.50	0.13	ug/L			08/15/20 21:34	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/15/20 21:34	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/15/20 21:34	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/15/20 21:34	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/15/20 21:34	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/15/20 21:34	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/15/20 21:34	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/15/20 21:34	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/15/20 21:34	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/15/20 21:34	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/15/20 21:34	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/15/20 21:34	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/15/20 21:34	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88196/8
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		50	20	ug/L			08/15/20 21:34	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/15/20 21:34	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/15/20 21:34	1
2-Hexanone	ND		10	0.50	ug/L			08/15/20 21:34	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/15/20 21:34	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/15/20 21:34	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/15/20 21:34	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/15/20 21:34	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/15/20 21:34	1
Naphthalene	ND		1.0	0.097	ug/L			08/15/20 21:34	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/15/20 21:34	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/15/20 21:34	1
o-Xylene	ND		0.50	0.086	ug/L			08/15/20 21:34	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/15/20 21:34	1
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/15/20 21:34	1
Styrene	ND		0.50	0.059	ug/L			08/15/20 21:34	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/15/20 21:34	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/15/20 21:34	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/15/20 21:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/15/20 21:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/15/20 21:34	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/15/20 21:34	1
Toluene	ND		0.50	0.093	ug/L			08/15/20 21:34	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/15/20 21:34	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/15/20 21:34	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/15/20 21:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/15/20 21:34	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/15/20 21:34	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/15/20 21:34	1
Trichloroethene	ND		0.50	0.10	ug/L			08/15/20 21:34	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/15/20 21:34	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/15/20 21:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/15/20 21:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/15/20 21:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/15/20 21:34	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/15/20 21:34	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/15/20 21:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*08/15/20 21:34*	*1*
Dibromofluoromethane	*102*		*80 - 127*		*08/15/20 21:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 128*		*08/15/20 21:34*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/15/20 21:34*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88196/4
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			10.0	10.69		ug/L		107	80 - 120		
Carbon tetrachloride			10.0	11.27		ug/L		113	80 - 129		
Chlorobenzene			10.0	10.57		ug/L		106	80 - 120		
1,2-Dibromoethane			10.0	10.82		ug/L		108	80 - 120		
1,2-Dichlorobenzene			10.0	10.60		ug/L		106	80 - 120		
1,2-Dichloroethane			10.0	11.33		ug/L		113	80 - 122		
1,1-Dichloroethene			10.0	10.00		ug/L		100	77 - 120		
Di-isopropyl ether (DIPE)			10.0	11.02		ug/L		110	73 - 121		
Ethanol			100	89.75		ug/L		90	73 - 133		
Ethylbenzene			10.0	10.81		ug/L		108	80 - 120		
Ethyl-t-butyl ether (ETBE)			10.0	11.64		ug/L		116	76 - 124		
Methyl-t-Butyl Ether (MTBE)			10.0	11.35		ug/L		113	75 - 123		
m,p-Xylene			20.0	21.23		ug/L		106	80 - 120		
o-Xylene			10.0	10.76		ug/L		108	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.77		ug/L		118	80 - 120		
tert-Butyl alcohol (TBA)			50.0	50.79		ug/L		102	80 - 120		
Toluene			10.0	10.66		ug/L		107	80 - 120		
Trichloroethene			10.0	10.54		ug/L		105	80 - 120		
Vinyl chloride			10.0	9.591		ug/L		96	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*102*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-88196/5
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.58		ug/L		106	80 - 120	1	22
Carbon tetrachloride			10.0	11.09		ug/L		111	80 - 129	2	36
Chlorobenzene			10.0	10.50		ug/L		105	80 - 120	1	29
1,2-Dibromoethane			10.0	10.84		ug/L		108	80 - 120	0	32
1,2-Dichlorobenzene			10.0	10.61		ug/L		106	80 - 120	0	30
1,2-Dichloroethane			10.0	10.83		ug/L		108	80 - 122	5	23
1,1-Dichloroethene			10.0	11.33		ug/L		113	77 - 120	13	26
Di-isopropyl ether (DIPE)			10.0	10.88		ug/L		109	73 - 121	1	26
Ethanol			100	86.71		ug/L		87	73 - 133	3	30
Ethylbenzene			10.0	10.70		ug/L		107	80 - 120	1	25
Ethyl-t-butyl ether (ETBE)			10.0	11.57		ug/L		116	76 - 124	1	30
Methyl-t-Butyl Ether (MTBE)			10.0	11.52		ug/L		115	75 - 123	1	27
m,p-Xylene			20.0	21.16		ug/L		106	80 - 120	0	30
o-Xylene			10.0	10.74		ug/L		107	80 - 120	0	30
Tert-amyl-methyl ether (TAME)			10.0	11.49		ug/L		115	80 - 120	2	24
tert-Butyl alcohol (TBA)			50.0	50.35		ug/L		101	80 - 120	1	30
Toluene			10.0	10.50		ug/L		105	80 - 120	2	28

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88196/5
Matrix: Water
Analysis Batch: 88196

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			10.0	10.40		ug/L		104	80 - 120	1	25
Vinyl chloride			10.0	9.528		ug/L		95	63 - 135	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*68 - 120*
Dibromofluoromethane	*100*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-86936/17
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			08/11/20 21:00	1

Lab Sample ID: LCS 570-86936/28
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			5.00	5.017		mg/L		100	90 - 110		

Lab Sample ID: LCSD 570-86936/29
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			5.00	4.955		mg/L		99	90 - 110	1	15

Lab Sample ID: 570-35562-J-1 MS
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	1.8		5.00	6.853		mg/L		102	80 - 120		

Lab Sample ID: 570-35562-J-1 MSD
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	1.8		5.00	6.877		mg/L		102	80 - 120	0	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-35586-E-5 MS
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	13		5.00	17.65		mg/L		96	80 - 120

Lab Sample ID: 570-35586-E-5 MSD
Matrix: Water
Analysis Batch: 86936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	13		5.00	17.85		mg/L		100	80 - 120	1	20

Lab Sample ID: MB 570-87205/5
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		0.10	0.076	mg/L			08/12/20 10:31	1

Lab Sample ID: LCS 570-87205/6
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	2.50	2.553		mg/L		102	90 - 110

Lab Sample ID: LCSD 570-87205/7
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Orthophosphate as P	2.50	2.577		mg/L		103	90 - 110	1	15

Lab Sample ID: 570-35562-J-1 MS
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	0.16		2.50	2.603		mg/L		98	80 - 120

Lab Sample ID: 570-35562-J-1 MSD
Matrix: Water
Analysis Batch: 87205

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Orthophosphate as P	0.16		2.50	2.682		mg/L		101	80 - 120	3	20

Lab Sample ID: MB 570-87219/5
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			08/12/20 09:27	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 570-87219/6
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	5.00	4.934		mg/L		99	90 - 110

Lab Sample ID: LCSD 570-87219/7
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	5.00	4.960		mg/L		99	90 - 110	1	15

Lab Sample ID: 570-35562-J-1 MS
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.5		5.00	6.169		mg/L		92	80 - 120

Lab Sample ID: 570-35562-J-1 MSD
Matrix: Water
Analysis Batch: 87219

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	1.5		5.00	6.173		mg/L		93	80 - 120	0	20

Lab Sample ID: MB 570-87220/5
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			08/12/20 09:27	1
Sulfate	ND		1.0	0.24	mg/L			08/12/20 09:27	1

Lab Sample ID: LCS 570-87220/6
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.51		mg/L		99	90 - 110
Sulfate	50.0	49.45		mg/L		99	90 - 110

Lab Sample ID: LCSD 570-87220/7
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	50.0	49.17		mg/L		98	90 - 110	1	15
Sulfate	50.0	49.06		mg/L		98	90 - 110	1	15

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-35562-J-1 MS
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	230		50.0	282.2	4	mg/L		110	80 - 120
Sulfate	380		50.0	429.2	4	mg/L		106	80 - 120

Lab Sample ID: 570-35562-J-1 MSD
Matrix: Water
Analysis Batch: 87220

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	230		50.0	284.0	4	mg/L		114	80 - 120	1	20
Sulfate	380		50.0	431.1	4	mg/L		110	80 - 120	0	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-89513/1-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		08/21/20 12:35	08/21/20 18:01	1
Barium	ND		0.0100	0.00308	mg/L		08/21/20 12:35	08/21/20 18:01	1
Cadmium	ND		0.0100	0.00210	mg/L		08/21/20 12:35	08/21/20 18:01	1
Calcium	ND		2.00	0.459	mg/L		08/21/20 12:35	08/21/20 18:01	1
Chromium	ND		0.0500	0.00688	mg/L		08/21/20 12:35	08/21/20 18:01	1
Copper	ND		0.0500	0.00614	mg/L		08/21/20 12:35	08/21/20 18:01	1
Iron	ND		0.500	0.123	mg/L		08/21/20 12:35	08/21/20 18:01	1
Lead	ND		0.0500	0.00821	mg/L		08/21/20 12:35	08/21/20 18:01	1
Magnesium	ND		0.500	0.0493	mg/L		08/21/20 12:35	08/21/20 18:01	1
Manganese	ND		0.0500	0.00405	mg/L		08/21/20 12:35	08/21/20 18:01	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/21/20 12:35	08/21/20 18:01	1
Nickel	ND		0.0500	0.00784	mg/L		08/21/20 12:35	08/21/20 18:01	1
Potassium	ND		2.00	0.240	mg/L		08/21/20 12:35	08/21/20 18:01	1
Selenium	ND		0.100	0.0244	mg/L		08/21/20 12:35	08/21/20 18:01	1
Silver	0.004868	J	0.0100	0.00298	mg/L		08/21/20 12:35	08/21/20 18:01	1
Sodium	ND		2.00	1.11	mg/L		08/21/20 12:35	08/21/20 18:01	1
Thallium	ND		0.0500	0.0161	mg/L		08/21/20 12:35	08/21/20 18:01	1
Vanadium	ND		0.0100	0.00297	mg/L		08/21/20 12:35	08/21/20 18:01	1
Zinc	ND		0.250	0.0682	mg/L		08/21/20 12:35	08/21/20 18:01	1

Lab Sample ID: LCS 570-89513/2-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.500	0.4766		mg/L		95	80 - 120
Barium	0.500	0.5090		mg/L		102	80 - 120
Cadmium	0.500	0.4988		mg/L		100	80 - 120
Calcium	0.500	0.5915	J	mg/L		118	80 - 120
Chromium	0.500	0.5006		mg/L		100	80 - 120
Copper	0.500	0.5497		mg/L		110	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-89513/2-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	0.500	0.5175		mg/L		104	80 - 120
Lead	0.500	0.5137		mg/L		103	80 - 120
Magnesium	0.500	0.5215		mg/L		104	80 - 120
Manganese	0.500	0.5052		mg/L		101	80 - 120
Molybdenum	0.500	0.4757		mg/L		95	80 - 120
Nickel	0.500	0.5124		mg/L		102	80 - 120
Potassium	5.00	4.953		mg/L		99	80 - 120
Selenium	0.500	0.4661		mg/L		93	80 - 120
Silver	0.250	0.2620		mg/L		105	80 - 120
Sodium	5.00	5.282		mg/L		106	80 - 120
Thallium	0.500	0.4803		mg/L		96	80 - 120
Vanadium	0.500	0.4968		mg/L		99	80 - 120
Zinc	0.500	0.5267		mg/L		105	80 - 120

Lab Sample ID: LCSD 570-89513/3-A
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 89513

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.500	0.4822		mg/L		96	80 - 120	1	20
Barium	0.500	0.5098		mg/L		102	80 - 120	0	20
Cadmium	0.500	0.5046		mg/L		101	80 - 120	1	20
Calcium	0.500	0.5363	J	mg/L		107	80 - 120	10	20
Chromium	0.500	0.5044		mg/L		101	80 - 120	1	20
Copper	0.500	0.5350		mg/L		107	80 - 120	3	20
Iron	0.500	0.5178		mg/L		104	80 - 120	0	20
Lead	0.500	0.5204		mg/L		104	80 - 120	1	20
Magnesium	0.500	0.5217		mg/L		104	80 - 120	0	20
Manganese	0.500	0.5056		mg/L		101	80 - 120	0	20
Molybdenum	0.500	0.4850		mg/L		97	80 - 120	2	20
Nickel	0.500	0.5171		mg/L		103	80 - 120	1	20
Potassium	5.00	4.915		mg/L		98	80 - 120	1	20
Selenium	0.500	0.5018		mg/L		100	80 - 120	7	20
Silver	0.250	0.2620		mg/L		105	80 - 120	0	20
Sodium	5.00	5.200		mg/L		104	80 - 120	2	20
Thallium	0.500	0.4893		mg/L		98	80 - 120	2	20
Vanadium	0.500	0.4977		mg/L		100	80 - 120	0	20
Zinc	0.500	0.5207		mg/L		104	80 - 120	1	20

Lab Sample ID: 570-35586-D-5-A MS
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		0.500	0.5315		mg/L		106	80 - 140
Barium	0.0483		0.500	0.5848		mg/L		107	87 - 123
Cadmium	ND		0.500	0.5081		mg/L		102	82 - 124
Calcium	531		0.500	535.3	4	mg/L		875	77 - 113
Chromium	0.0106	J	0.500	0.5147		mg/L		101	86 - 122

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-35586-D-5-A MS
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	ND		0.500	0.6168		mg/L		123	78 - 126
Iron	ND		0.500	0.5447		mg/L		109	65 - 149
Lead	0.0476	J	0.500	0.5412		mg/L		99	84 - 120
Magnesium	103		0.500	103.5	4	mg/L		30	56 - 140
Manganese	0.0179	J	0.500	0.5144		mg/L		99	86 - 116
Molybdenum	0.0562		0.500	0.5254		mg/L		94	78 - 126
Nickel	1.46		0.500	1.945		mg/L		97	84 - 120
Potassium	16.1	F1	5.00	22.45		mg/L		127	83 - 131
Selenium	0.0247	J	0.500	0.5215		mg/L		99	79 - 127
Silver	0.00351	J B	0.250	0.2926		mg/L		116	86 - 128
Thallium	ND	F1	0.500	0.3814	F1	mg/L		76	79 - 121
Vanadium	ND		0.500	0.5294		mg/L		106	88 - 118
Zinc	ND		0.500	0.5080		mg/L		102	89 - 131

Lab Sample ID: 570-35586-D-5-A MS ^10
Matrix: Water
Analysis Batch: 89763

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	2210		5.00	2228	4	mg/L		397	73 - 127

Lab Sample ID: 570-35586-D-5-B MSD
Matrix: Water
Analysis Batch: 89598

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5282		mg/L		106	80 - 140	1	11
Barium	0.0483		0.500	0.5856		mg/L		107	87 - 123	0	6
Cadmium	ND		0.500	0.5061		mg/L		101	82 - 124	0	7
Calcium	531		0.500	540.2	4	mg/L		1854	77 - 113	1	11
Chromium	0.0106	J	0.500	0.5157		mg/L		101	86 - 122	0	8
Copper	ND		0.500	0.6166		mg/L		123	78 - 126	0	7
Iron	ND		0.500	0.5526		mg/L		111	65 - 149	1	21
Lead	0.0476	J	0.500	0.5288		mg/L		96	84 - 120	2	7
Magnesium	103		0.500	102.1	4	mg/L		-246	56 - 140	1	11
Manganese	0.0179	J	0.500	0.5140		mg/L		99	86 - 116	0	7
Molybdenum	0.0562		0.500	0.5427		mg/L		97	78 - 126	3	7
Nickel	1.46		0.500	1.948		mg/L		98	84 - 120	0	7
Potassium	16.1	F1	5.00	22.79	F1	mg/L		133	83 - 131	2	7
Selenium	0.0247	J	0.500	0.5016		mg/L		95	79 - 127	4	9
Silver	0.00351	J B	0.250	0.2942		mg/L		116	86 - 128	1	7
Thallium	ND	F1	0.500	0.3979		mg/L		80	79 - 121	4	8
Vanadium	ND		0.500	0.5297		mg/L		106	88 - 118	0	7
Zinc	ND		0.500	0.5042		mg/L		101	89 - 131	1	8

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-35586-D-5-B MSD ^10
Matrix: Water
Analysis Batch: 89763

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 89513

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sodium	2210		5.00	2187	4	mg/L		-424	73 - 127	2	9

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-89516/1-A
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/21/20 12:40	08/24/20 13:10	1

Lab Sample ID: LCS 570-89516/2-A
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89516

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.0100	0.01034		mg/L		103	80 - 120		

Lab Sample ID: LCSD 570-89516/3-A
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89516

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.0100	0.01036		mg/L		104	80 - 120	0	20

Lab Sample ID: 570-35586-D-5-C MS
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 89516

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.0100	0.006447		mg/L		64	55 - 133		

Lab Sample ID: 570-35586-D-5-D MSD
Matrix: Water
Analysis Batch: 89960

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 89516

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.006517		mg/L		65	55 - 133	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-88000/77
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			08/13/20 18:02	1
Bicarbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 18:02	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			08/13/20 18:02	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 570-88000/75
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity, Total (As CaCO3)			100	92.30		mg/L		92	80 - 120		

Lab Sample ID: LCSD 570-88000/76
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	94.38		mg/L		94	80 - 120	2	20

Lab Sample ID: 570-35489-D-3 DU
Matrix: Water
Analysis Batch: 88000

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	192			198.4		mg/L				3	25
Bicarbonate (as CaCO3)	192			198.4		mg/L				3	25
Carbonate (as CaCO3)	ND			ND		mg/L				NC	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-87590/1
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		1.00	0.870	mg/L			08/13/20 12:51	1

Lab Sample ID: LCS 570-87590/2
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			100	100.0		mg/L		100	84 - 108		

Lab Sample ID: LCSD 570-87590/3
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids			100	105.0		mg/L		105	84 - 108	5	10

Lab Sample ID: 570-35586-G-5 DU
Matrix: Water
Analysis Batch: 87590

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	9230			8360		mg/L				10	10

GC/MS VOA

Analysis Batch: 87320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Total/NA	Water	8260B	
MB 570-87320/6	Method Blank	Total/NA	Water	8260B	
LCS 570-87320/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-87320/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 87321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-4	QCEB	Total/NA	Water	8260B	
570-35585-5	QCTB	Total/NA	Water	8260B	
MB 570-87321/6	Method Blank	Total/NA	Water	8260B	
LCS 570-87321/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-87321/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 87532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-3	MW-24	Total/NA	Water	8260B	
MB 570-87532/6	Method Blank	Total/NA	Water	8260B	
LCS 570-87532/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-87532/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-35586-A-5 MS	Matrix Spike	Total/NA	Water	8260B	
570-35586-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Analysis Batch: 88196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1 - RA	MW-22	Total/NA	Water	8260B	
570-35585-2	MW-18	Total/NA	Water	8260B	
MB 570-88196/8	Method Blank	Total/NA	Water	8260B	
LCS 570-88196/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-88196/5	Lab Control Sample Dup	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 86936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Total/NA	Water	300.0	
570-35585-2	MW-18	Total/NA	Water	300.0	
MB 570-86936/17	Method Blank	Total/NA	Water	300.0	
LCS 570-86936/28	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-86936/29	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35562-J-1 MS	Matrix Spike	Total/NA	Water	300.0	
570-35562-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
570-35586-E-5 MS	Matrix Spike	Total/NA	Water	300.0	
570-35586-E-5 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 87205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Total/NA	Water	300.0	
570-35585-2	MW-18	Total/NA	Water	300.0	
570-35585-3	MW-24	Total/NA	Water	300.0	
MB 570-87205/5	Method Blank	Total/NA	Water	300.0	
LCS 570-87205/6	Lab Control Sample	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 87205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-87205/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35562-J-1 MS	Matrix Spike	Total/NA	Water	300.0	
570-35562-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 87219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-3	MW-24	Total/NA	Water	300.0	
MB 570-87219/5	Method Blank	Total/NA	Water	300.0	
LCS 570-87219/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87219/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35562-J-1 MS	Matrix Spike	Total/NA	Water	300.0	
570-35562-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 87220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Total/NA	Water	300.0	
570-35585-2	MW-18	Total/NA	Water	300.0	
570-35585-3	MW-24	Total/NA	Water	300.0	
MB 570-87220/5	Method Blank	Total/NA	Water	300.0	
LCS 570-87220/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87220/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-35562-J-1 MS	Matrix Spike	Total/NA	Water	300.0	
570-35562-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 89513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Dissolved	Water	3005A	
570-35585-2	MW-18	Dissolved	Water	3005A	
570-35585-3	MW-24	Dissolved	Water	3005A	
MB 570-89513/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-89513/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-89513/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-35586-D-5-A MS	Matrix Spike	Dissolved	Water	3005A	
570-35586-D-5-A MS ^10	Matrix Spike	Dissolved	Water	3005A	
570-35586-D-5-B MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	
570-35586-D-5-B MSD ^10	Matrix Spike Duplicate	Dissolved	Water	3005A	

Prep Batch: 89516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Dissolved	Water	7470A	
570-35585-2	MW-18	Dissolved	Water	7470A	
570-35585-3	MW-24	Dissolved	Water	7470A	
MB 570-89516/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-89516/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-89516/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-35586-D-5-C MS	Matrix Spike	Dissolved	Water	7470A	
570-35586-D-5-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Metals

Analysis Batch: 89598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Dissolved	Water	6010B	89513
570-35585-2	MW-18	Dissolved	Water	6010B	89513
570-35585-3	MW-24	Dissolved	Water	6010B	89513
MB 570-89513/1-A	Method Blank	Total Recoverable	Water	6010B	89513
LCS 570-89513/2-A	Lab Control Sample	Total Recoverable	Water	6010B	89513
LCSD 570-89513/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	89513
570-35586-D-5-A MS	Matrix Spike	Dissolved	Water	6010B	89513
570-35586-D-5-B MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	89513

Analysis Batch: 89763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Dissolved	Water	6010B	89513
570-35585-2	MW-18	Dissolved	Water	6010B	89513
570-35585-3	MW-24	Dissolved	Water	6010B	89513
570-35586-D-5-A MS ^10	Matrix Spike	Dissolved	Water	6010B	89513
570-35586-D-5-B MSD ^10	Matrix Spike Duplicate	Dissolved	Water	6010B	89513

Analysis Batch: 89960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Dissolved	Water	7470A	89516
570-35585-2	MW-18	Dissolved	Water	7470A	89516
570-35585-3	MW-24	Dissolved	Water	7470A	89516
MB 570-89516/1-A	Method Blank	Total/NA	Water	7470A	89516
LCS 570-89516/2-A	Lab Control Sample	Total/NA	Water	7470A	89516
LCSD 570-89516/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	89516
570-35586-D-5-C MS	Matrix Spike	Dissolved	Water	7470A	89516
570-35586-D-5-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	89516

General Chemistry

Analysis Batch: 87590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Total/NA	Water	SM 2540C	
570-35585-2	MW-18	Total/NA	Water	SM 2540C	
570-35585-3	MW-24	Total/NA	Water	SM 2540C	
MB 570-87590/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-87590/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-87590/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-35586-G-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 88000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35585-1	MW-22	Total/NA	Water	SM 2320B	
570-35585-2	MW-18	Total/NA	Water	SM 2320B	
570-35585-3	MW-24	Total/NA	Water	SM 2320B	
MB 570-88000/77	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-88000/75	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-88000/76	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-35489-D-3 DU	Duplicate	Total/NA	Water	SM 2320B	

Client Sample ID: MW-22
Lab Sample ID: 570-35585-1

Date Collected: 08/11/20 12:20
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	20 mL	20 mL	88196	08/16/20 02:24	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	8260B		1	20 mL	20 mL	87320	08/12/20 17:33	UJHB	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		5			86936	08/12/20 01:06	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		5			87205	08/12/20 17:54	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		200			87220	08/12/20 19:59	URMH	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:47	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:44	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:37	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 20:07	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-18
Lab Sample ID: 570-35585-2

Date Collected: 08/11/20 13:24
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	88196	08/16/20 02:53	UX77	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		10			86936	08/12/20 01:25	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		10			87205	08/12/20 18:14	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		200			87220	08/12/20 22:16	URMH	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:49	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:46	OYW3	ECL 1
	Instrument ID: ICP8									

Client Sample ID: MW-18
Date Collected: 08/11/20 13:24
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:39	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 20:13	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	5 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: MW-24
Date Collected: 08/11/20 14:21
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	20 mL	20 mL	87532	08/13/20 14:13	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Analysis	300.0		20			87205	08/12/20 18:34	URMH	ECL 1
	Instrument ID: IC15									
Total/NA	Analysis	300.0		400			87219	08/12/20 22:37	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0		400			87220	08/12/20 22:37	URMH	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		1			89598	08/21/20 18:59	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A			50 mL	50 mL	89513	08/21/20 12:35	WL8G	ECL 1
Dissolved	Analysis	6010B		10			89763	08/22/20 10:48	OYW3	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	89516	08/21/20 12:40	WL8G	ECL 1
Dissolved	Analysis	7470A		1			89960	08/24/20 13:42	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	88000	08/13/20 20:20	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	5 mL	20 mL	87590	08/13/20 12:51	UWCT	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: QCEB
Date Collected: 08/11/20 15:11
Date Received: 08/11/20 18:25

Lab Sample ID: 570-35585-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87321	08/12/20 11:47	UPY2	ECL 2
	Instrument ID: GCMSUU									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Client Sample ID: QCTB
Lab Sample ID: 570-35585-5
Date Collected: 08/11/20 07:00
Matrix: Water
Date Received: 08/11/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	87321	08/12/20 12:16	UPY2	ECL 2
	Instrument ID: GCMSUU									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35585-1
Project/Site: Omar Former Rendering Plant Non Program

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-35585-1	MW-22	Water	08/11/20 12:20	08/11/20 18:25	
570-35585-2	MW-18	Water	08/11/20 13:24	08/11/20 18:25	
570-35585-3	MW-24	Water	08/11/20 14:21	08/11/20 18:25	
570-35585-4	QCEB	Water	08/11/20 15:11	08/11/20 18:25	
570-35585-5	QCTB	Water	08/11/20 07:00	08/11/20 18:25	

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

570-35585 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 20200811
PAGE: 1 OF 1

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com

CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant Non Program
PROJECT CONTACT: Tracy Rich
P.O. NO.: PO#
SAMPLER(S): (PRINT) BBC Env.

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS

☒ COELT EDF | GLOBAL ID: L10003156547 | LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3).
Note1: As,Ba,Cd,Cr,Cu,Pb,Hg,Mo,Ni,Se,Ag,Tl,V,Zn
Note 2: Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf.

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total, HCO3, CO3), EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Title 22 Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs
1	MW-22	20200811	1220	W	7	3	4	1	X	X	X	X	X	
2	MW-18	"	1324	W	7	3	4	1	X	X	X	X	X	
3	MW-24	"	1421	W	7	3	4	1	X	X	X	X	X	
4	QCEB	"	1511	W	3		3		~~X~~	~~X~~	~~X~~	~~X~~	X	
5	QCTB	20200811	0700	W	2		2		~~X~~	~~X~~	~~X~~	~~X~~	X	
6									X	X	X	X	X	
7									X	X	X	X	X	
8									X	X	X	X	X	
9									X	X	X	X	X	
10									X	X	X	X	X	

Containers
250mL Poly-SM2320B, EPA 300.0
1L Poly-SM 2540C TDS
250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd)
3x40mL VOA vials with HCl - EPA 8260B. Collect 6 vials from one of the wells for MS/MSD.
1L Amber Glass - 8270C SVOCs. Collect 3 ambers from one of the wells for MS/MSD.

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 8/11/2020	Time: 1540
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Marked EQ	Date: 08/11/2020	Time: 1825
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

3.0/3.0 SW

08/10/16 Revision

8/25/2020

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-35585-1

Login Number: 35585
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Spring 2021

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-48815-1
Client Project/Site: Omar Former Rendering Plant-Program Wells

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
2/2/2021 3:22:53 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 5
Detection Summary 7
Client Sample Results 10
Surrogate Summary 40
QC Sample Results 41
QC Association Summary 56
Lab Chronicle 60
Certification Summary 64
Method Summary 65
Sample Summary 66
Chain of Custody 67
Receipt Checklists 68

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Job ID: 570-48815-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-48815-1

Comments
No additional comments.

Receipt
The samples were received on 1/19/2021 6:20 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3º C.

Receipt Exceptions

The Chain-of-Custody (COC) was improperly completed. Received 8 containers instead of 7, for samples 1 Through 4.

The Chain-of-Custody (COC) was improperly completed. Received 13 containers instead of 12 for this sample.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 570-124228 were outside control limits: MW-03 (570-48815-5[MS]) and MW-03 (570-48815-5[MSD]). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 570-124228 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-123331 and analytical batch 570-123736 recovered outside control limits for the following analytes: Benzidine.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-123331 and analytical batch 570-123736 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method 300.0: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-123387 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 570-123386 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-125105 and analytical batch 570-125699 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: Due to the high concentration of Calcium and Magnesium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-125105 and analytical batch 570-125699 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Job ID: 570-48815-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

Method 6010B: Due to the high concentration of Sodium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-125105 and analytical batch 570-126071 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Client Sample ID: MW-13
Lab Sample ID: 570-48815-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	8.8		2.0	1.1	ug/L	4		8260B	Total/NA
c-1,2-Dichloroethene	13		2.0	1.2	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	10		2.0	1.4	ug/L	4		8260B	Total/NA
Tetrachloroethene	3.7		2.0	1.2	ug/L	4		8260B	Total/NA
1,1,2-Trichloroethane	1.1	J	2.0	0.34	ug/L	4		8260B	Total/NA
Trichloroethene	61		2.0	1.2	ug/L	4		8260B	Total/NA
Butyl benzyl phthalate	8.6	J	9.6	2.4	ug/L	1		8270C	Total/NA
Sulfate	390		5.0	1.2	mg/L	5		300.0	Total/NA
Chloride - DL	5100		100	36	mg/L	100		300.0	Total/NA
Nitrate as N - DL2	95		2.0	0.48	mg/L	20		300.0	Total/NA
Barium	0.231		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00474	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	654		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.00891	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Copper	0.0120	J	0.0500	0.00614	mg/L	1		6010B	Dissolved
Iron	0.160	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0198	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	222		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.0144	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0225	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.0310	J	0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	20.5		2.00	0.240	mg/L	1		6010B	Dissolved
Silver	0.00405	J	0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium - DL	2810		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	436		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	436		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	10700		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-08
Lab Sample ID: 570-48815-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.0		0.50	0.29	ug/L	1		8260B	Total/NA
Nitrate as N	12		0.20	0.048	mg/L	2		300.0	Total/NA
Chloride - DL	2800		40	14	mg/L	40		300.0	Total/NA
Sulfate - DL	440		40	9.5	mg/L	40		300.0	Total/NA
Barium	0.0314		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00414	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	396		2.00	0.459	mg/L	1		6010B	Dissolved
Lead	0.0223	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	45.6		0.500	0.0493	mg/L	1		6010B	Dissolved
Molybdenum	0.111		0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.842		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	14.8		2.00	0.240	mg/L	1		6010B	Dissolved
Sodium - DL	1540		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	139		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	139		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	5750		1.00	0.870	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Program Well Dup
Lab Sample ID: 570-48815-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.98		0.50	0.29	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

Client Sample ID: Program Well Dup (Continued)
Lab Sample ID: 570-48815-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	12		0.20	0.048	mg/L	2		300.0	Total/NA
Chloride - DL	2800		40	14	mg/L	40		300.0	Total/NA
Sulfate - DL	440		40	9.5	mg/L	40		300.0	Total/NA
Barium	0.0317		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00383	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	396		2.00	0.459	mg/L	1		6010B	Dissolved
Lead	0.0163	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	45.9		0.500	0.0493	mg/L	1		6010B	Dissolved
Molybdenum	0.116		0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.850		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	14.6		2.00	0.240	mg/L	1		6010B	Dissolved
Sodium - DL	1530		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	139		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	139		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	5620		1.00	0.870	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-02
Lab Sample ID: 570-48815-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3		0.50	0.28	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	0.45	J	0.50	0.30	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.71		0.50	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		0.50	0.29	ug/L	1		8260B	Total/NA
Nitrate as N	13		0.50	0.12	mg/L	5		300.0	Total/NA
Chloride - DL	7300		100	36	mg/L	100		300.0	Total/NA
Sulfate - DL	510		100	24	mg/L	100		300.0	Total/NA
Barium	0.0614		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00521	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	901		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0391	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Copper	0.00922	J	0.0500	0.00614	mg/L	1		6010B	Dissolved
Iron	0.377	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0160	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	284		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.0467	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0162	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	1.08		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	15.5		2.00	0.240	mg/L	1		6010B	Dissolved
Silver	0.0106		0.0100	0.00298	mg/L	1		6010B	Dissolved
Sodium - DL	3350		20.0	11.1	mg/L	10		6010B	Dissolved
Mercury	0.00204		0.000500	0.000141	mg/L	1		7470A	Dissolved
Alkalinity, Total (As CaCO3)	108		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	108		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	12800		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-03
Lab Sample ID: 570-48815-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.50		0.50	0.28	ug/L	1		8260B	Total/NA
Trichloroethene	0.35	J	0.50	0.29	ug/L	1		8260B	Total/NA
Nitrate as N	13		0.50	0.12	mg/L	5		300.0	Total/NA
Chloride - DL	4000		100	36	mg/L	100		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-03 (Continued)
Lab Sample ID: 570-48815-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate - DL	440		100	24	mg/L	100		300.0	Total/NA
Barium	0.0482		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00435	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	541		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.00852	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Lead	0.0188	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	107		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.00520	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0565		0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	1.49		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	16.1		2.00	0.240	mg/L	1		6010B	Dissolved
Sodium - DL	1960		20.0	11.1	mg/L	10		6010B	Dissolved
Mercury	0.000966		0.000500	0.000141	mg/L	1		7470A	Dissolved
Alkalinity, Total (As CaCO3)	134		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	134		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7900		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: QCEB
Lab Sample ID: 570-48815-6

No Detections.

Client Sample ID: QCTB
Lab Sample ID: 570-48815-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		32	16	ug/L			01/23/21 23:03	4
Benzene	ND		2.0	1.1	ug/L			01/23/21 23:03	4
Bromobenzene	ND		2.0	1.0	ug/L			01/23/21 23:03	4
Bromochloromethane	ND		4.0	1.4	ug/L			01/23/21 23:03	4
Bromodichloromethane	ND		2.0	0.89	ug/L			01/23/21 23:03	4
Bromoform	ND		2.0	1.6	ug/L			01/23/21 23:03	4
Bromomethane	ND		4.0	3.7	ug/L			01/23/21 23:03	4
2-Butanone	ND		20	12	ug/L			01/23/21 23:03	4
Carbon disulfide	ND		4.0	0.98	ug/L			01/23/21 23:03	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			01/23/21 23:03	4
Chlorobenzene	ND		2.0	0.95	ug/L			01/23/21 23:03	4
Chloroethane	ND		2.0	1.8	ug/L			01/23/21 23:03	4
Chloroform	**8.8**		2.0	1.1	ug/L			01/23/21 23:03	4
Chloromethane	ND		4.0	1.2	ug/L			01/23/21 23:03	4
2-Chlorotoluene	ND		2.0	1.2	ug/L			01/23/21 23:03	4
4-Chlorotoluene	ND		2.0	1.3	ug/L			01/23/21 23:03	4
c-1,2-Dichloroethene	**13**		2.0	1.2	ug/L			01/23/21 23:03	4
c-1,3-Dichloropropene	ND		2.0	0.77	ug/L			01/23/21 23:03	4
Dibromochloromethane	ND		2.0	1.1	ug/L			01/23/21 23:03	4
1,2-Dibromo-3-Chloropropane	ND		4.0	2.6	ug/L			01/23/21 23:03	4
1,2-Dibromoethane	ND		2.0	0.55	ug/L			01/23/21 23:03	4
Dibromomethane	ND		2.0	0.92	ug/L			01/23/21 23:03	4
1,2-Dichlorobenzene	ND		2.0	0.92	ug/L			01/23/21 23:03	4
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L			01/23/21 23:03	4
1,4-Dichlorobenzene	ND		2.0	0.90	ug/L			01/23/21 23:03	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/23/21 23:03	4
1,1-Dichloroethane	**10**		2.0	1.4	ug/L			01/23/21 23:03	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			01/23/21 23:03	4
1,1-Dichloroethene	ND		2.0	1.6	ug/L			01/23/21 23:03	4
1,2-Dichloropropane	ND		2.0	0.96	ug/L			01/23/21 23:03	4
1,3-Dichloropropane	ND		2.0	0.82	ug/L			01/23/21 23:03	4
2,2-Dichloropropane	ND		2.0	1.6	ug/L			01/23/21 23:03	4
1,1-Dichloropropene	ND		2.0	0.97	ug/L			01/23/21 23:03	4
Di-isopropyl ether (DIPE)	ND		2.0	0.57	ug/L			01/23/21 23:03	4
Ethanol	ND		200	150	ug/L			01/23/21 23:03	4
Ethylbenzene	ND		2.0	1.4	ug/L			01/23/21 23:03	4
Ethyl-t-butyl ether (ETBE)	ND		2.0	1.1	ug/L			01/23/21 23:03	4
2-Hexanone	ND		24	17	ug/L			01/23/21 23:03	4
Isopropylbenzene	ND		2.0	1.5	ug/L			01/23/21 23:03	4
Methylene Chloride	ND		4.0	1.9	ug/L			01/23/21 23:03	4
4-Methyl-2-pentanone	ND		20	9.0	ug/L			01/23/21 23:03	4
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.82	ug/L			01/23/21 23:03	4
m,p-Xylene	ND		4.0	3.1	ug/L			01/23/21 23:03	4
Naphthalene	ND		4.0	1.3	ug/L			01/23/21 23:03	4
n-Butylbenzene	ND		2.0	1.2	ug/L			01/23/21 23:03	4
N-Propylbenzene	ND		2.0	1.6	ug/L			01/23/21 23:03	4
o-Xylene	ND		2.0	1.4	ug/L			01/23/21 23:03	4
p-Isopropyltoluene	ND		2.0	1.1	ug/L			01/23/21 23:03	4
sec-Butylbenzene	ND		2.0	1.4	ug/L			01/23/21 23:03	4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	1.1	ug/L			01/23/21 23:03	4
Tert-amyl-methyl ether (TAME)	ND		2.0	0.85	ug/L			01/23/21 23:03	4
tert-Butyl alcohol (TBA)	ND		20	16	ug/L			01/23/21 23:03	4
tert-Butylbenzene	ND		2.0	1.4	ug/L			01/23/21 23:03	4
1,1,1,2-Tetrachloroethane	ND		2.0	1.0	ug/L			01/23/21 23:03	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.78	ug/L			01/23/21 23:03	4
Tetrachloroethene	**3.7**		2.0	1.2	ug/L			01/23/21 23:03	4
Toluene	ND		2.0	1.3	ug/L			01/23/21 23:03	4
t-1,2-Dichloroethene	ND		2.0	1.4	ug/L			01/23/21 23:03	4
t-1,3-Dichloropropene	ND		2.0	0.69	ug/L			01/23/21 23:03	4
1,2,3-Trichlorobenzene	ND		2.0	1.1	ug/L			01/23/21 23:03	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ug/L			01/23/21 23:03	4
1,1,1-Trichloroethane	ND		2.0	1.1	ug/L			01/23/21 23:03	4
1,1,2-Trichloroethane	**1.1**	**J**	2.0	0.34	ug/L			01/23/21 23:03	4
Trichloroethene	**61**		2.0	1.2	ug/L			01/23/21 23:03	4
Trichlorofluoromethane	ND		2.0	1.2	ug/L			01/23/21 23:03	4
1,2,3-Trichloropropane	ND		2.0	1.3	ug/L			01/23/21 23:03	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	1.0	ug/L			01/23/21 23:03	4
1,2,4-Trimethylbenzene	ND		2.0	1.1	ug/L			01/23/21 23:03	4
1,3,5-Trimethylbenzene	ND		2.0	1.1	ug/L			01/23/21 23:03	4
Vinyl acetate	ND		20	13	ug/L			01/23/21 23:03	4
Vinyl chloride	ND		2.0	1.6	ug/L			01/23/21 23:03	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*01/23/21 23:03*	*4*
Dibromofluoromethane	*95*		*80 - 127*		*01/23/21 23:03*	*4*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 128*		*01/23/21 23:03*	*4*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/23/21 23:03*	*4*

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/23/21 20:03	1
Benzene	ND		0.50	0.27	ug/L			01/23/21 20:03	1
Bromobenzene	ND		0.50	0.26	ug/L			01/23/21 20:03	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/23/21 20:03	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/23/21 20:03	1
Bromoform	ND		0.50	0.39	ug/L			01/23/21 20:03	1
Bromomethane	ND		1.0	0.93	ug/L			01/23/21 20:03	1
2-Butanone	ND		5.0	3.0	ug/L			01/23/21 20:03	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/23/21 20:03	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/23/21 20:03	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/23/21 20:03	1
Chloroethane	ND		0.50	0.44	ug/L			01/23/21 20:03	1
Chloroform	ND		0.50	0.28	ug/L			01/23/21 20:03	1
Chloromethane	ND		1.0	0.29	ug/L			01/23/21 20:03	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/23/21 20:03	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/23/21 20:03	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/23/21 20:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/23/21 20:03	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/23/21 20:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/23/21 20:03	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/23/21 20:03	1
Dibromomethane	ND		0.50	0.23	ug/L			01/23/21 20:03	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/23/21 20:03	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/23/21 20:03	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/23/21 20:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 20:03	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/23/21 20:03	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/23/21 20:03	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/23/21 20:03	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/23/21 20:03	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/23/21 20:03	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/23/21 20:03	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/23/21 20:03	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/23/21 20:03	1
Ethanol	ND		50	38	ug/L			01/23/21 20:03	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/23/21 20:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/23/21 20:03	1
2-Hexanone	ND		6.0	4.3	ug/L			01/23/21 20:03	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/23/21 20:03	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/23/21 20:03	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/23/21 20:03	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/23/21 20:03	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/23/21 20:03	1
Naphthalene	ND		1.0	0.32	ug/L			01/23/21 20:03	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/23/21 20:03	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/23/21 20:03	1
o-Xylene	ND		0.50	0.35	ug/L			01/23/21 20:03	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/23/21 20:03	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 20:03	1
Styrene	ND		0.50	0.28	ug/L			01/23/21 20:03	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/23/21 20:03	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/23/21 20:03	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 20:03	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/23/21 20:03	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/23/21 20:03	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/23/21 20:03	1
Toluene	ND		0.50	0.33	ug/L			01/23/21 20:03	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/23/21 20:03	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/23/21 20:03	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/23/21 20:03	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/23/21 20:03	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/23/21 20:03	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/23/21 20:03	1
Trichloroethene	**1.0**		0.50	0.29	ug/L			01/23/21 20:03	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/23/21 20:03	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/23/21 20:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/23/21 20:03	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/23/21 20:03	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/23/21 20:03	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/23/21 20:03	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/23/21 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*01/23/21 20:03*	*1*
Dibromofluoromethane	*92*		*80 - 127*		*01/23/21 20:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*		*01/23/21 20:03*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/23/21 20:03*	*1*

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/23/21 20:29	1
Benzene	ND		0.50	0.27	ug/L			01/23/21 20:29	1
Bromobenzene	ND		0.50	0.26	ug/L			01/23/21 20:29	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/23/21 20:29	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/23/21 20:29	1
Bromoform	ND		0.50	0.39	ug/L			01/23/21 20:29	1
Bromomethane	ND		1.0	0.93	ug/L			01/23/21 20:29	1
2-Butanone	ND		5.0	3.0	ug/L			01/23/21 20:29	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/23/21 20:29	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/23/21 20:29	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/23/21 20:29	1
Chloroethane	ND		0.50	0.44	ug/L			01/23/21 20:29	1
Chloroform	ND		0.50	0.28	ug/L			01/23/21 20:29	1
Chloromethane	ND		1.0	0.29	ug/L			01/23/21 20:29	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/23/21 20:29	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/23/21 20:29	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/23/21 20:29	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/23/21 20:29	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/23/21 20:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/23/21 20:29	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/23/21 20:29	1
Dibromomethane	ND		0.50	0.23	ug/L			01/23/21 20:29	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/23/21 20:29	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/23/21 20:29	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/23/21 20:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 20:29	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/23/21 20:29	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/23/21 20:29	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/23/21 20:29	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/23/21 20:29	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/23/21 20:29	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/23/21 20:29	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/23/21 20:29	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/23/21 20:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		50	38	ug/L			01/23/21 20:29	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/23/21 20:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/23/21 20:29	1
2-Hexanone	ND		6.0	4.3	ug/L			01/23/21 20:29	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/23/21 20:29	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/23/21 20:29	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/23/21 20:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/23/21 20:29	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/23/21 20:29	1
Naphthalene	ND		1.0	0.32	ug/L			01/23/21 20:29	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/23/21 20:29	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/23/21 20:29	1
o-Xylene	ND		0.50	0.35	ug/L			01/23/21 20:29	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/23/21 20:29	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 20:29	1
Styrene	ND		0.50	0.28	ug/L			01/23/21 20:29	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/23/21 20:29	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/23/21 20:29	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 20:29	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/23/21 20:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/23/21 20:29	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/23/21 20:29	1
Toluene	ND		0.50	0.33	ug/L			01/23/21 20:29	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/23/21 20:29	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/23/21 20:29	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/23/21 20:29	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/23/21 20:29	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/23/21 20:29	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/23/21 20:29	1
Trichloroethene	**0.98**		0.50	0.29	ug/L			01/23/21 20:29	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/23/21 20:29	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/23/21 20:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/23/21 20:29	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/23/21 20:29	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/23/21 20:29	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/23/21 20:29	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/23/21 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*01/23/21 20:29*	*1*
Dibromofluoromethane	*94*		*80 - 127*		*01/23/21 20:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*		*01/23/21 20:29*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*01/23/21 20:29*	*1*

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/23/21 20:54	1
Benzene	ND		0.50	0.27	ug/L			01/23/21 20:54	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		0.50	0.26	ug/L			01/23/21 20:54	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/23/21 20:54	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/23/21 20:54	1
Bromoform	ND		0.50	0.39	ug/L			01/23/21 20:54	1
Bromomethane	ND		1.0	0.93	ug/L			01/23/21 20:54	1
2-Butanone	ND		5.0	3.0	ug/L			01/23/21 20:54	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/23/21 20:54	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/23/21 20:54	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/23/21 20:54	1
Chloroethane	ND		0.50	0.44	ug/L			01/23/21 20:54	1
Chloroform	**1.3**		0.50	0.28	ug/L			01/23/21 20:54	1
Chloromethane	ND		1.0	0.29	ug/L			01/23/21 20:54	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/23/21 20:54	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/23/21 20:54	1
c-1,2-Dichloroethene	**0.45**	**J**	0.50	0.30	ug/L			01/23/21 20:54	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/23/21 20:54	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/23/21 20:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/23/21 20:54	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/23/21 20:54	1
Dibromomethane	ND		0.50	0.23	ug/L			01/23/21 20:54	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/23/21 20:54	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/23/21 20:54	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/23/21 20:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 20:54	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/23/21 20:54	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/23/21 20:54	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/23/21 20:54	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/23/21 20:54	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/23/21 20:54	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/23/21 20:54	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/23/21 20:54	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/23/21 20:54	1
Ethanol	ND		50	38	ug/L			01/23/21 20:54	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/23/21 20:54	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/23/21 20:54	1
2-Hexanone	ND		6.0	4.3	ug/L			01/23/21 20:54	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/23/21 20:54	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/23/21 20:54	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/23/21 20:54	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/23/21 20:54	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/23/21 20:54	1
Naphthalene	ND		1.0	0.32	ug/L			01/23/21 20:54	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/23/21 20:54	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/23/21 20:54	1
o-Xylene	ND		0.50	0.35	ug/L			01/23/21 20:54	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/23/21 20:54	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 20:54	1
Styrene	ND		0.50	0.28	ug/L			01/23/21 20:54	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/23/21 20:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/23/21 20:54	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 20:54	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/23/21 20:54	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/23/21 20:54	1
Tetrachloroethene	**0.71**		0.50	0.29	ug/L			01/23/21 20:54	1
Toluene	ND		0.50	0.33	ug/L			01/23/21 20:54	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/23/21 20:54	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/23/21 20:54	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/23/21 20:54	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/23/21 20:54	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/23/21 20:54	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/23/21 20:54	1
Trichloroethene	**1.6**		0.50	0.29	ug/L			01/23/21 20:54	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/23/21 20:54	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/23/21 20:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/23/21 20:54	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/23/21 20:54	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/23/21 20:54	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/23/21 20:54	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/23/21 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*01/23/21 20:54*	*1*
Dibromofluoromethane	*94*		*80 - 127*		*01/23/21 20:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*		*01/23/21 20:54*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/23/21 20:54*	*1*

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/23/21 21:20	1
Benzene	ND		0.50	0.27	ug/L			01/23/21 21:20	1
Bromobenzene	ND	F1	0.50	0.26	ug/L			01/23/21 21:20	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/23/21 21:20	1
Bromodichloromethane	ND	F1	0.50	0.22	ug/L			01/23/21 21:20	1
Bromoform	ND		0.50	0.39	ug/L			01/23/21 21:20	1
Bromomethane	ND		1.0	0.93	ug/L			01/23/21 21:20	1
2-Butanone	ND		5.0	3.0	ug/L			01/23/21 21:20	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/23/21 21:20	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/23/21 21:20	1
Chlorobenzene	ND	F1	0.50	0.24	ug/L			01/23/21 21:20	1
Chloroethane	ND		0.50	0.44	ug/L			01/23/21 21:20	1
Chloroform	**0.50**		0.50	0.28	ug/L			01/23/21 21:20	1
Chloromethane	ND		1.0	0.29	ug/L			01/23/21 21:20	1
2-Chlorotoluene	ND	F1	0.50	0.31	ug/L			01/23/21 21:20	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/23/21 21:20	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/23/21 21:20	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/23/21 21:20	1
Dibromochloromethane	ND	F1	0.50	0.27	ug/L			01/23/21 21:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/23/21 21:20	1
1,2-Dibromoethane	ND	F1	0.50	0.14	ug/L			01/23/21 21:20	1
Dibromomethane	ND		0.50	0.23	ug/L			01/23/21 21:20	1
1,2-Dichlorobenzene	ND	F1	0.50	0.23	ug/L			01/23/21 21:20	1
1,3-Dichlorobenzene	ND	F1	0.50	0.26	ug/L			01/23/21 21:20	1
1,4-Dichlorobenzene	ND	F1	0.50	0.22	ug/L			01/23/21 21:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 21:20	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/23/21 21:20	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/23/21 21:20	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/23/21 21:20	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/23/21 21:20	1
1,3-Dichloropropane	ND	F1	0.50	0.20	ug/L			01/23/21 21:20	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/23/21 21:20	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/23/21 21:20	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/23/21 21:20	1
Ethanol	ND	F1	50	38	ug/L			01/23/21 21:20	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/23/21 21:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/23/21 21:20	1
2-Hexanone	ND	F1	6.0	4.3	ug/L			01/23/21 21:20	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/23/21 21:20	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/23/21 21:20	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/23/21 21:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/23/21 21:20	1
m,p-Xylene	ND	F1	1.0	0.78	ug/L			01/23/21 21:20	1
Naphthalene	ND		1.0	0.32	ug/L			01/23/21 21:20	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/23/21 21:20	1
N-Propylbenzene	ND	F1	0.50	0.39	ug/L			01/23/21 21:20	1
o-Xylene	ND		0.50	0.35	ug/L			01/23/21 21:20	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/23/21 21:20	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 21:20	1
Styrene	ND		0.50	0.28	ug/L			01/23/21 21:20	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/23/21 21:20	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/23/21 21:20	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 21:20	1
1,1,1,2-Tetrachloroethane	ND	F1	0.50	0.26	ug/L			01/23/21 21:20	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/23/21 21:20	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/23/21 21:20	1
Toluene	ND		0.50	0.33	ug/L			01/23/21 21:20	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/23/21 21:20	1
t-1,3-Dichloropropene	ND	F1	0.50	0.17	ug/L			01/23/21 21:20	1
1,2,3-Trichlorobenzene	ND	F1	0.50	0.28	ug/L			01/23/21 21:20	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/23/21 21:20	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/23/21 21:20	1
1,1,2-Trichloroethane	ND	F1	0.50	0.085	ug/L			01/23/21 21:20	1
Trichloroethene	**0.35**	**J**	0.50	0.29	ug/L			01/23/21 21:20	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/23/21 21:20	1
1,2,3-Trichloropropane	ND	F1	0.50	0.32	ug/L			01/23/21 21:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	0.50	0.25	ug/L			01/23/21 21:20	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/23/21 21:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND	F1	0.50	0.28	ug/L			01/23/21 21:20	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/23/21 21:20	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/23/21 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*01/23/21 21:20*	*1*
Dibromofluoromethane	*93*		*80 - 127*		*01/23/21 21:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 128*		*01/23/21 21:20*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/23/21 21:20*	*1*

Client Sample ID: QCEB
Date Collected: 01/19/21 15:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/23/21 18:46	1
Benzene	ND		0.50	0.27	ug/L			01/23/21 18:46	1
Bromobenzene	ND		0.50	0.26	ug/L			01/23/21 18:46	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/23/21 18:46	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/23/21 18:46	1
Bromoform	ND		0.50	0.39	ug/L			01/23/21 18:46	1
Bromomethane	ND		1.0	0.93	ug/L			01/23/21 18:46	1
2-Butanone	ND		5.0	3.0	ug/L			01/23/21 18:46	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/23/21 18:46	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/23/21 18:46	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/23/21 18:46	1
Chloroethane	ND		0.50	0.44	ug/L			01/23/21 18:46	1
Chloroform	ND		0.50	0.28	ug/L			01/23/21 18:46	1
Chloromethane	ND		1.0	0.29	ug/L			01/23/21 18:46	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/23/21 18:46	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/23/21 18:46	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/23/21 18:46	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/23/21 18:46	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/23/21 18:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/23/21 18:46	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/23/21 18:46	1
Dibromomethane	ND		0.50	0.23	ug/L			01/23/21 18:46	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/23/21 18:46	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/23/21 18:46	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/23/21 18:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 18:46	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/23/21 18:46	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/23/21 18:46	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/23/21 18:46	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/23/21 18:46	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/23/21 18:46	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/23/21 18:46	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/23/21 18:46	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/23/21 18:46	1
Ethanol	ND		50	38	ug/L			01/23/21 18:46	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/23/21 18:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 01/19/21 15:40
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/23/21 18:46	1
2-Hexanone	ND		6.0	4.3	ug/L			01/23/21 18:46	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/23/21 18:46	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/23/21 18:46	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/23/21 18:46	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/23/21 18:46	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/23/21 18:46	1
Naphthalene	ND		1.0	0.32	ug/L			01/23/21 18:46	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/23/21 18:46	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/23/21 18:46	1
o-Xylene	ND		0.50	0.35	ug/L			01/23/21 18:46	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/23/21 18:46	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 18:46	1
Styrene	ND		0.50	0.28	ug/L			01/23/21 18:46	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/23/21 18:46	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/23/21 18:46	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 18:46	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/23/21 18:46	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/23/21 18:46	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/23/21 18:46	1
Toluene	ND		0.50	0.33	ug/L			01/23/21 18:46	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/23/21 18:46	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/23/21 18:46	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/23/21 18:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/23/21 18:46	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/23/21 18:46	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/23/21 18:46	1
Trichloroethene	ND		0.50	0.29	ug/L			01/23/21 18:46	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/23/21 18:46	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/23/21 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/23/21 18:46	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/23/21 18:46	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/23/21 18:46	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/23/21 18:46	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/23/21 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*01/23/21 18:46*	*1*
Dibromofluoromethane	*92*		*80 - 127*		*01/23/21 18:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 128*		*01/23/21 18:46*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*01/23/21 18:46*	*1*

Client Sample ID: QCTB
Date Collected: 01/19/21 07:00
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/23/21 19:12	1
Benzene	ND		0.50	0.27	ug/L			01/23/21 19:12	1
Bromobenzene	ND		0.50	0.26	ug/L			01/23/21 19:12	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/23/21 19:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 01/19/21 07:00
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.50	0.22	ug/L			01/23/21 19:12	1
Bromoform	ND		0.50	0.39	ug/L			01/23/21 19:12	1
Bromomethane	ND		1.0	0.93	ug/L			01/23/21 19:12	1
2-Butanone	ND		5.0	3.0	ug/L			01/23/21 19:12	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/23/21 19:12	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/23/21 19:12	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/23/21 19:12	1
Chloroethane	ND		0.50	0.44	ug/L			01/23/21 19:12	1
Chloroform	ND		0.50	0.28	ug/L			01/23/21 19:12	1
Chloromethane	ND		1.0	0.29	ug/L			01/23/21 19:12	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/23/21 19:12	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/23/21 19:12	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/23/21 19:12	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/23/21 19:12	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/23/21 19:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/23/21 19:12	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/23/21 19:12	1
Dibromomethane	ND		0.50	0.23	ug/L			01/23/21 19:12	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/23/21 19:12	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/23/21 19:12	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/23/21 19:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 19:12	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/23/21 19:12	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/23/21 19:12	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/23/21 19:12	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/23/21 19:12	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/23/21 19:12	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/23/21 19:12	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/23/21 19:12	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/23/21 19:12	1
Ethanol	ND		50	38	ug/L			01/23/21 19:12	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/23/21 19:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/23/21 19:12	1
2-Hexanone	ND		6.0	4.3	ug/L			01/23/21 19:12	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/23/21 19:12	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/23/21 19:12	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/23/21 19:12	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/23/21 19:12	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/23/21 19:12	1
Naphthalene	ND		1.0	0.32	ug/L			01/23/21 19:12	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/23/21 19:12	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/23/21 19:12	1
o-Xylene	ND		0.50	0.35	ug/L			01/23/21 19:12	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/23/21 19:12	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 19:12	1
Styrene	ND		0.50	0.28	ug/L			01/23/21 19:12	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/23/21 19:12	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/23/21 19:12	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 19:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 01/19/21 07:00
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/23/21 19:12	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/23/21 19:12	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/23/21 19:12	1
Toluene	ND		0.50	0.33	ug/L			01/23/21 19:12	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/23/21 19:12	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/23/21 19:12	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/23/21 19:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/23/21 19:12	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/23/21 19:12	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/23/21 19:12	1
Trichloroethene	ND		0.50	0.29	ug/L			01/23/21 19:12	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/23/21 19:12	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/23/21 19:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/23/21 19:12	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/23/21 19:12	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/23/21 19:12	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/23/21 19:12	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/23/21 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*01/23/21 19:12*	*1*
Dibromofluoromethane	*92*		*80 - 127*		*01/23/21 19:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 128*		*01/23/21 19:12*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/23/21 19:12*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
Acenaphthylene	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 18:43	1
Aniline	ND		9.6	1.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
Anthracene	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
Azobenzene	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzidine	ND	*1	48	6.3	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzo[a]anthracene	ND		9.6	4.5	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzo[a]pyrene	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzo[b]fluoranthene	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzo[g,h,i]perylene	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzoic acid	ND		48	12	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzo[k]fluoranthene	ND		9.6	3.1	ug/L		01/20/21 05:40	01/21/21 18:43	1
Benzyl alcohol	ND		9.6	2.1	ug/L		01/20/21 05:40	01/21/21 18:43	1
Bis(2-chloroethoxy)methane	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
Bis(2-chloroethyl)ether	ND		24	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
bis (2-Chloroisopropyl) ether	ND		9.6	3.1	ug/L		01/20/21 05:40	01/21/21 18:43	1
Bis(2-ethylhexyl) phthalate	ND		9.6	3.0	ug/L		01/20/21 05:40	01/21/21 18:43	1
4-Bromophenyl phenyl ether	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 18:43	1
Butyl benzyl phthalate	**8.6**	**J**	9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
4-Chloroaniline	ND		9.6	1.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
4-Chloro-3-methylphenol	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 18:43	1
2-Chloronaphthalene	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 18:43	1
2-Chlorophenol	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 18:43	1
4-Chlorophenyl phenyl ether	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 18:43	1
Chrysene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
Dibenz(a,h)anthracene	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
Dibenzofuran	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
1,2-Dichlorobenzene	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
1,3-Dichlorobenzene	ND		9.6	3.0	ug/L		01/20/21 05:40	01/21/21 18:43	1
1,4-Dichlorobenzene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,4-Dichlorophenol	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,6-Dichlorophenol	ND		9.6	1.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
Diethyl phthalate	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,4-Dimethylphenol	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 18:43	1
Dimethyl phthalate	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 18:43	1
Di-n-butyl phthalate	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 18:43	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,4-Dinitrophenol	ND		48	13	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,4-Dinitrotoluene	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,6-Dinitrotoluene	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 18:43	1
Di-n-octyl phthalate	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
Fluoranthene	ND		9.6	3.0	ug/L		01/20/21 05:40	01/21/21 18:43	1
Fluorene	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 18:43	1
Hexachlorobenzene	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
Hexachloro-1,3-butadiene	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 18:43	1
Hexachlorocyclopentadiene	ND		24	6.6	ug/L		01/20/21 05:40	01/21/21 18:43	1
Hexachloroethane	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
Indeno[1,2,3-cd]pyrene	ND		9.6	2.1	ug/L		01/20/21 05:40	01/21/21 18:43	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
1-Methylnaphthalene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
2-Methylnaphthalene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
2-Methylphenol	ND		9.6	2.0	ug/L		01/20/21 05:40	01/21/21 18:43	1
3 & 4 Methylphenol	ND		9.6	2.1	ug/L		01/20/21 05:40	01/21/21 18:43	1
Naphthalene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
2-Nitroaniline	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 18:43	1
3-Nitroaniline	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 18:43	1
4-Nitroaniline	ND		9.6	2.0	ug/L		01/20/21 05:40	01/21/21 18:43	1
Nitrobenzene	ND		24	2.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
2-Nitrophenol	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 18:43	1
4-Nitrophenol	ND		9.6	1.5	ug/L		01/20/21 05:40	01/21/21 18:43	1
N-Nitrosodimethylamine	ND		9.6	3.1	ug/L		01/20/21 05:40	01/21/21 18:43	1
N-Nitrosodi-n-propylamine	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 18:43	1
N-Nitrosodiphenylamine	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 18:43	1
Pentachlorophenol	ND		9.6	4.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
Phenanthrene	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 18:43	1
Phenol	ND		9.6	2.0	ug/L		01/20/21 05:40	01/21/21 18:43	1
Pyrene	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
Pyridine	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 18:43	1
1,2,4-Trichlorobenzene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,4,5-Trichlorophenol	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1
2,4,6-Trichlorophenol	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*45 - 120*	*01/20/21 05:40*	*01/21/21 18:43*	*1*
2-Fluorophenol (Surr)	*48*		*15 - 138*	*01/20/21 05:40*	*01/21/21 18:43*	*1*
Nitrobenzene-d5 (Surr)	*75*		*56 - 123*	*01/20/21 05:40*	*01/21/21 18:43*	*1*
Phenol-d6 (Surr)	*32*		*17 - 141*	*01/20/21 05:40*	*01/21/21 18:43*	*1*
p-Terphenyl-d14 (Surr)	*94*		*46 - 133*	*01/20/21 05:40*	*01/21/21 18:43*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*32 - 143*	*01/20/21 05:40*	*01/21/21 18:43*	*1*

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
Acenaphthylene	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:02	1
Aniline	ND		9.9	1.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
Anthracene	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
Azobenzene	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzidine	ND	*1	50	6.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzo[a]anthracene	ND		9.9	4.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzo[a]pyrene	ND		9.9	2.4	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzo[b]fluoranthene	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzo[g,h,i]perylene	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzoic acid	ND		50	12	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzo[k]fluoranthene	ND		9.9	3.2	ug/L		01/20/21 05:40	01/21/21 19:02	1
Benzyl alcohol	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:02	1
Bis(2-chloroethoxy)methane	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		25	2.4	ug/L		01/20/21 05:40	01/21/21 19:02	1
bis (2-Chloroisopropyl) ether	ND		9.9	3.2	ug/L		01/20/21 05:40	01/21/21 19:02	1
Bis(2-ethylhexyl) phthalate	ND		9.9	3.1	ug/L		01/20/21 05:40	01/21/21 19:02	1
4-Bromophenyl phenyl ether	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:02	1
Butyl benzyl phthalate	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
4-Chloroaniline	ND		9.9	2.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
4-Chloro-3-methylphenol	ND		9.9	2.4	ug/L		01/20/21 05:40	01/21/21 19:02	1
2-Chloronaphthalene	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:02	1
2-Chlorophenol	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:02	1
4-Chlorophenyl phenyl ether	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
Chrysene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
Dibenz(a,h)anthracene	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
Dibenzofuran	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
1,2-Dichlorobenzene	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
1,3-Dichlorobenzene	ND		9.9	3.1	ug/L		01/20/21 05:40	01/21/21 19:02	1
1,4-Dichlorobenzene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
3,3'-Dichlorobenzidine	ND		25	2.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,4-Dichlorophenol	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,6-Dichlorophenol	ND		9.9	1.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
Diethyl phthalate	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,4-Dimethylphenol	ND		9.9	2.4	ug/L		01/20/21 05:40	01/21/21 19:02	1
Dimethyl phthalate	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
Di-n-butyl phthalate	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:02	1
4,6-Dinitro-2-methylphenol	ND		50	14	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,4-Dinitrophenol	ND		50	13	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,4-Dinitrotoluene	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,6-Dinitrotoluene	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:02	1
Di-n-octyl phthalate	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
Fluoranthene	ND		9.9	3.1	ug/L		01/20/21 05:40	01/21/21 19:02	1
Fluorene	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:02	1
Hexachlorobenzene	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
Hexachloro-1,3-butadiene	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:02	1
Hexachlorocyclopentadiene	ND		25	6.9	ug/L		01/20/21 05:40	01/21/21 19:02	1
Hexachloroethane	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
Indeno[1,2,3-cd]pyrene	ND		9.9	2.1	ug/L		01/20/21 05:40	01/21/21 19:02	1
Isophorone	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
1-Methylnaphthalene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
2-Methylnaphthalene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
2-Methylphenol	ND		9.9	2.1	ug/L		01/20/21 05:40	01/21/21 19:02	1
3 & 4 Methylphenol	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:02	1
Naphthalene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
2-Nitroaniline	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:02	1
3-Nitroaniline	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:02	1
4-Nitroaniline	ND		9.9	2.1	ug/L		01/20/21 05:40	01/21/21 19:02	1
Nitrobenzene	ND		25	3.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
2-Nitrophenol	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
4-Nitrophenol	ND		9.9	1.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
N-Nitrosodimethylamine	ND		9.9	3.2	ug/L		01/20/21 05:40	01/21/21 19:02	1
N-Nitrosodi-n-propylamine	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:02	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:02	1
Pentachlorophenol	ND		9.9	4.6	ug/L		01/20/21 05:40	01/21/21 19:02	1
Phenanthrene	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:02	1
Phenol	ND		9.9	2.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
Pyrene	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
Pyridine	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:02	1
1,2,4-Trichlorobenzene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,4,5-Trichlorophenol	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1
2,4,6-Trichlorophenol	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*45 - 120*	*01/20/21 05:40*	*01/21/21 19:02*	*1*
2-Fluorophenol (Surr)	*50*		*15 - 138*	*01/20/21 05:40*	*01/21/21 19:02*	*1*
Nitrobenzene-d5 (Surr)	*80*		*56 - 123*	*01/20/21 05:40*	*01/21/21 19:02*	*1*
Phenol-d6 (Surr)	*33*		*17 - 141*	*01/20/21 05:40*	*01/21/21 19:02*	*1*
p-Terphenyl-d14 (Surr)	*102*		*46 - 133*	*01/20/21 05:40*	*01/21/21 19:02*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*32 - 143*	*01/20/21 05:40*	*01/21/21 19:02*	*1*

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
Acenaphthylene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
Aniline	ND		9.9	1.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
Anthracene	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:21	1
Azobenzene	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzidine	ND	*1	49	6.4	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzo[a]anthracene	ND		9.9	4.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzo[a]pyrene	ND		9.9	2.4	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzo[b]fluoranthene	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzo[g,h,i]perylene	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzoic acid	ND		49	12	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzo[k]fluoranthene	ND		9.9	3.2	ug/L		01/20/21 05:40	01/21/21 19:21	1
Benzyl alcohol	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:21	1
Bis(2-chloroethoxy)methane	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
Bis(2-chloroethyl)ether	ND		25	2.4	ug/L		01/20/21 05:40	01/21/21 19:21	1
bis (2-Chloroisopropyl) ether	ND		9.9	3.2	ug/L		01/20/21 05:40	01/21/21 19:21	1
Bis(2-ethylhexyl) phthalate	ND		9.9	3.1	ug/L		01/20/21 05:40	01/21/21 19:21	1
4-Bromophenyl phenyl ether	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:21	1
Butyl benzyl phthalate	ND		9.9	2.4	ug/L		01/20/21 05:40	01/21/21 19:21	1
4-Chloroaniline	ND		9.9	2.0	ug/L		01/20/21 05:40	01/21/21 19:21	1
4-Chloro-3-methylphenol	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:21	1
2-Chloronaphthalene	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:21	1
2-Chlorophenol	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:21	1
4-Chlorophenyl phenyl ether	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
Chrysene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
Dibenz(a,h)anthracene	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
Dibenzofuran	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
1,2-Dichlorobenzene	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:21	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		9.9	3.1	ug/L		01/20/21 05:40	01/21/21 19:21	1
1,4-Dichlorobenzene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
3,3'-Dichlorobenzidine	ND		25	2.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,4-Dichlorophenol	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,6-Dichlorophenol	ND		9.9	1.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
Diethyl phthalate	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,4-Dimethylphenol	ND		9.9	2.4	ug/L		01/20/21 05:40	01/21/21 19:21	1
Dimethyl phthalate	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
Di-n-butyl phthalate	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:21	1
4,6-Dinitro-2-methylphenol	ND		49	14	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,4-Dinitrophenol	ND		49	13	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,4-Dinitrotoluene	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,6-Dinitrotoluene	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:21	1
Di-n-octyl phthalate	ND		9.9	2.4	ug/L		01/20/21 05:40	01/21/21 19:21	1
Fluoranthene	ND		9.9	3.1	ug/L		01/20/21 05:40	01/21/21 19:21	1
Fluorene	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:21	1
Hexachlorobenzene	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:21	1
Hexachloro-1,3-butadiene	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:21	1
Hexachlorocyclopentadiene	ND		25	6.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
Hexachloroethane	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:21	1
Indeno[1,2,3-cd]pyrene	ND		9.9	2.1	ug/L		01/20/21 05:40	01/21/21 19:21	1
Isophorone	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
1-Methylnaphthalene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
2-Methylnaphthalene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
2-Methylphenol	ND		9.9	2.1	ug/L		01/20/21 05:40	01/21/21 19:21	1
3 & 4 Methylphenol	ND		9.9	2.1	ug/L		01/20/21 05:40	01/21/21 19:21	1
Naphthalene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
2-Nitroaniline	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:21	1
3-Nitroaniline	ND		9.9	2.2	ug/L		01/20/21 05:40	01/21/21 19:21	1
4-Nitroaniline	ND		9.9	2.1	ug/L		01/20/21 05:40	01/21/21 19:21	1
Nitrobenzene	ND		25	3.0	ug/L		01/20/21 05:40	01/21/21 19:21	1
2-Nitrophenol	ND		9.9	2.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
4-Nitrophenol	ND		9.9	1.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
N-Nitrosodimethylamine	ND		9.9	3.2	ug/L		01/20/21 05:40	01/21/21 19:21	1
N-Nitrosodi-n-propylamine	ND		9.9	2.3	ug/L		01/20/21 05:40	01/21/21 19:21	1
N-Nitrosodiphenylamine	ND		9.9	2.7	ug/L		01/20/21 05:40	01/21/21 19:21	1
Pentachlorophenol	ND		9.9	4.6	ug/L		01/20/21 05:40	01/21/21 19:21	1
Phenanthrene	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:21	1
Phenol	ND		9.9	2.0	ug/L		01/20/21 05:40	01/21/21 19:21	1
Pyrene	ND		9.9	2.9	ug/L		01/20/21 05:40	01/21/21 19:21	1
Pyridine	ND		9.9	3.0	ug/L		01/20/21 05:40	01/21/21 19:21	1
1,2,4-Trichlorobenzene	ND		9.9	2.8	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,4,5-Trichlorophenol	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:21	1
2,4,6-Trichlorophenol	ND		9.9	2.5	ug/L		01/20/21 05:40	01/21/21 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*45 - 120*	*01/20/21 05:40*	*01/21/21 19:21*	*1*
2-Fluorophenol (Surr)	*48*		*15 - 138*	*01/20/21 05:40*	*01/21/21 19:21*	*1*
Nitrobenzene-d5 (Surr)	*78*		*56 - 123*	*01/20/21 05:40*	*01/21/21 19:21*	*1*
Phenol-d6 (Surr)	*32*		*17 - 141*	*01/20/21 05:40*	*01/21/21 19:21*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*99*		*46 - 133*	*01/20/21 05:40*	*01/21/21 19:21*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*32 - 143*	*01/20/21 05:40*	*01/21/21 19:21*	*1*

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
Acenaphthylene	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 19:40	1
Aniline	ND		9.6	1.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
Anthracene	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 19:40	1
Azobenzene	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzidine	ND	*1	48	6.2	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzo[a]anthracene	ND		9.6	4.5	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzo[a]pyrene	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzo[b]fluoranthene	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzo[g,h,i]perylene	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzoic acid	ND		48	12	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzo[k]fluoranthene	ND		9.6	3.1	ug/L		01/20/21 05:40	01/21/21 19:40	1
Benzyl alcohol	ND		9.6	2.1	ug/L		01/20/21 05:40	01/21/21 19:40	1
Bis(2-chloroethoxy)methane	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
Bis(2-chloroethyl)ether	ND		24	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
bis (2-Chloroisopropyl) ether	ND		9.6	3.1	ug/L		01/20/21 05:40	01/21/21 19:40	1
Bis(2-ethylhexyl) phthalate	ND		9.6	3.0	ug/L		01/20/21 05:40	01/21/21 19:40	1
4-Bromophenyl phenyl ether	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 19:40	1
Butyl benzyl phthalate	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
4-Chloroaniline	ND		9.6	1.9	ug/L		01/20/21 05:40	01/21/21 19:40	1
4-Chloro-3-methylphenol	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 19:40	1
2-Chloronaphthalene	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 19:40	1
2-Chlorophenol	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 19:40	1
4-Chlorophenyl phenyl ether	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 19:40	1
Chrysene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
Dibenz(a,h)anthracene	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
Dibenzofuran	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
1,2-Dichlorobenzene	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 19:40	1
1,3-Dichlorobenzene	ND		9.6	3.0	ug/L		01/20/21 05:40	01/21/21 19:40	1
1,4-Dichlorobenzene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,4-Dichlorophenol	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,6-Dichlorophenol	ND		9.6	1.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
Diethyl phthalate	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,4-Dimethylphenol	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 19:40	1
Dimethyl phthalate	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 19:40	1
Di-n-butyl phthalate	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 19:40	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,4-Dinitrophenol	ND		48	13	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,4-Dinitrotoluene	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,6-Dinitrotoluene	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 19:40	1
Di-n-octyl phthalate	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		9.6	3.0	ug/L		01/20/21 05:40	01/21/21 19:40	1
Fluorene	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 19:40	1
Hexachlorobenzene	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 19:40	1
Hexachloro-1,3-butadiene	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 19:40	1
Hexachlorocyclopentadiene	ND		24	6.6	ug/L		01/20/21 05:40	01/21/21 19:40	1
Hexachloroethane	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 19:40	1
Indeno[1,2,3-cd]pyrene	ND		9.6	2.1	ug/L		01/20/21 05:40	01/21/21 19:40	1
Isophorone	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
1-Methylnaphthalene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
2-Methylnaphthalene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
2-Methylphenol	ND		9.6	2.0	ug/L		01/20/21 05:40	01/21/21 19:40	1
3 & 4 Methylphenol	ND		9.6	2.1	ug/L		01/20/21 05:40	01/21/21 19:40	1
Naphthalene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
2-Nitroaniline	ND		9.6	2.1	ug/L		01/20/21 05:40	01/21/21 19:40	1
3-Nitroaniline	ND		9.6	2.2	ug/L		01/20/21 05:40	01/21/21 19:40	1
4-Nitroaniline	ND		9.6	2.0	ug/L		01/20/21 05:40	01/21/21 19:40	1
Nitrobenzene	ND		24	2.9	ug/L		01/20/21 05:40	01/21/21 19:40	1
2-Nitrophenol	ND		9.6	2.5	ug/L		01/20/21 05:40	01/21/21 19:40	1
4-Nitrophenol	ND		9.6	1.5	ug/L		01/20/21 05:40	01/21/21 19:40	1
N-Nitrosodimethylamine	ND		9.6	3.1	ug/L		01/20/21 05:40	01/21/21 19:40	1
N-Nitrosodi-n-propylamine	ND		9.6	2.3	ug/L		01/20/21 05:40	01/21/21 19:40	1
N-Nitrosodiphenylamine	ND		9.6	2.6	ug/L		01/20/21 05:40	01/21/21 19:40	1
Pentachlorophenol	ND		9.6	4.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
Phenanthrene	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 19:40	1
Phenol	ND		9.6	2.0	ug/L		01/20/21 05:40	01/21/21 19:40	1
Pyrene	ND		9.6	2.8	ug/L		01/20/21 05:40	01/21/21 19:40	1
Pyridine	ND		9.6	2.9	ug/L		01/20/21 05:40	01/21/21 19:40	1
1,2,4-Trichlorobenzene	ND		9.6	2.7	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,4,5-Trichlorophenol	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1
2,4,6-Trichlorophenol	ND		9.6	2.4	ug/L		01/20/21 05:40	01/21/21 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*45 - 120*	*01/20/21 05:40*	*01/21/21 19:40*	*1*
2-Fluorophenol (Surr)	*42*		*15 - 138*	*01/20/21 05:40*	*01/21/21 19:40*	*1*
Nitrobenzene-d5 (Surr)	*77*		*56 - 123*	*01/20/21 05:40*	*01/21/21 19:40*	*1*
Phenol-d6 (Surr)	*30*		*17 - 141*	*01/20/21 05:40*	*01/21/21 19:40*	*1*
p-Terphenyl-d14 (Surr)	*98*		*46 - 133*	*01/20/21 05:40*	*01/21/21 19:40*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*32 - 143*	*01/20/21 05:40*	*01/21/21 19:40*	*1*

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.7	2.7	ug/L		01/20/21 05:40	01/21/21 16:09	1
Acenaphthylene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
Aniline	ND		9.7	1.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
Anthracene	ND		9.7	2.9	ug/L		01/20/21 05:40	01/21/21 16:09	1
Azobenzene	ND		9.7	2.6	ug/L		01/20/21 05:40	01/21/21 16:09	1
Benzidine	ND	F2 F1 *1	49	6.4	ug/L		01/20/21 05:40	01/21/21 16:09	1
Benzo[a]anthracene	ND		9.7	4.5	ug/L		01/20/21 05:40	01/21/21 16:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		9.7	2.4	ug/L		01/20/21 05:40	01/21/21 16:09	1
Benzo[b]fluoranthene	ND		9.7	2.2	ug/L		01/20/21 05:40	01/21/21 16:09	1
Benzo[g,h,i]perylene	ND		9.7	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
Benzoic acid	ND	F1	49	12	ug/L		01/20/21 05:40	01/21/21 16:09	1
Benzo[k]fluoranthene	ND		9.7	3.2	ug/L		01/20/21 05:40	01/21/21 16:09	1
Benzyl alcohol	ND		9.7	2.1	ug/L		01/20/21 05:40	01/21/21 16:09	1
Bis(2-chloroethoxy)methane	ND		9.7	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
Bis(2-chloroethyl)ether	ND		24	2.4	ug/L		01/20/21 05:40	01/21/21 16:09	1
bis (2-Chloroisopropyl) ether	ND		9.7	3.1	ug/L		01/20/21 05:40	01/21/21 16:09	1
Bis(2-ethylhexyl) phthalate	ND		9.7	3.1	ug/L		01/20/21 05:40	01/21/21 16:09	1
4-Bromophenyl phenyl ether	ND		9.7	2.7	ug/L		01/20/21 05:40	01/21/21 16:09	1
Butyl benzyl phthalate	ND		9.7	2.4	ug/L		01/20/21 05:40	01/21/21 16:09	1
4-Chloroaniline	ND		9.7	1.9	ug/L		01/20/21 05:40	01/21/21 16:09	1
4-Chloro-3-methylphenol	ND		9.7	2.3	ug/L		01/20/21 05:40	01/21/21 16:09	1
2-Chloronaphthalene	ND		9.7	2.7	ug/L		01/20/21 05:40	01/21/21 16:09	1
2-Chlorophenol	ND		9.7	2.3	ug/L		01/20/21 05:40	01/21/21 16:09	1
4-Chlorophenyl phenyl ether	ND		9.7	2.6	ug/L		01/20/21 05:40	01/21/21 16:09	1
Chrysene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
Dibenz(a,h)anthracene	ND		9.7	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
Dibenzofuran	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
1,2-Dichlorobenzene	ND		9.7	3.0	ug/L		01/20/21 05:40	01/21/21 16:09	1
1,3-Dichlorobenzene	ND		9.7	3.0	ug/L		01/20/21 05:40	01/21/21 16:09	1
1,4-Dichlorobenzene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,4-Dichlorophenol	ND		9.7	2.4	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,6-Dichlorophenol	ND		9.7	1.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
Diethyl phthalate	ND		9.7	2.7	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,4-Dimethylphenol	ND		9.7	2.4	ug/L		01/20/21 05:40	01/21/21 16:09	1
Dimethyl phthalate	ND		9.7	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
Di-n-butyl phthalate	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
4,6-Dinitro-2-methylphenol	ND		49	14	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,4-Dinitrophenol	ND		49	13	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,4-Dinitrotoluene	ND		9.7	2.3	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,6-Dinitrotoluene	ND		9.7	2.3	ug/L		01/20/21 05:40	01/21/21 16:09	1
Di-n-octyl phthalate	ND		9.7	2.4	ug/L		01/20/21 05:40	01/21/21 16:09	1
Fluoranthene	ND		9.7	3.0	ug/L		01/20/21 05:40	01/21/21 16:09	1
Fluorene	ND		9.7	2.6	ug/L		01/20/21 05:40	01/21/21 16:09	1
Hexachlorobenzene	ND		9.7	3.0	ug/L		01/20/21 05:40	01/21/21 16:09	1
Hexachloro-1,3-butadiene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
Hexachlorocyclopentadiene	ND		24	6.7	ug/L		01/20/21 05:40	01/21/21 16:09	1
Hexachloroethane	ND		9.7	2.9	ug/L		01/20/21 05:40	01/21/21 16:09	1
Indeno[1,2,3-cd]pyrene	ND		9.7	2.1	ug/L		01/20/21 05:40	01/21/21 16:09	1
Isophorone	ND		9.7	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
1-Methylnaphthalene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
2-Methylnaphthalene	ND		9.7	2.7	ug/L		01/20/21 05:40	01/21/21 16:09	1
2-Methylphenol	ND		9.7	2.0	ug/L		01/20/21 05:40	01/21/21 16:09	1
3 & 4 Methylphenol	ND		9.7	2.1	ug/L		01/20/21 05:40	01/21/21 16:09	1
Naphthalene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
2-Nitroaniline	ND		9.7	2.2	ug/L		01/20/21 05:40	01/21/21 16:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		9.7	2.2	ug/L		01/20/21 05:40	01/21/21 16:09	1
4-Nitroaniline	ND		9.7	2.1	ug/L		01/20/21 05:40	01/21/21 16:09	1
Nitrobenzene	ND		24	2.9	ug/L		01/20/21 05:40	01/21/21 16:09	1
2-Nitrophenol	ND		9.7	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
4-Nitrophenol	ND		9.7	1.6	ug/L		01/20/21 05:40	01/21/21 16:09	1
N-Nitrosodimethylamine	ND	F1	9.7	3.1	ug/L		01/20/21 05:40	01/21/21 16:09	1
N-Nitrosodi-n-propylamine	ND		9.7	2.3	ug/L		01/20/21 05:40	01/21/21 16:09	1
N-Nitrosodiphenylamine	ND		9.7	2.7	ug/L		01/20/21 05:40	01/21/21 16:09	1
Pentachlorophenol	ND		9.7	4.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
Phenanthrene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
Phenol	ND		9.7	2.0	ug/L		01/20/21 05:40	01/21/21 16:09	1
Pyrene	ND		9.7	2.9	ug/L		01/20/21 05:40	01/21/21 16:09	1
Pyridine	ND	F1	9.7	2.9	ug/L		01/20/21 05:40	01/21/21 16:09	1
1,2,4-Trichlorobenzene	ND		9.7	2.8	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,4,5-Trichlorophenol	ND		9.7	2.5	ug/L		01/20/21 05:40	01/21/21 16:09	1
2,4,6-Trichlorophenol	ND		9.7	2.4	ug/L		01/20/21 05:40	01/21/21 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*45 - 120*	*01/20/21 05:40*	*01/21/21 16:09*	*1*
2-Fluorophenol (Surr)	*40*		*15 - 138*	*01/20/21 05:40*	*01/21/21 16:09*	*1*
Nitrobenzene-d5 (Surr)	*67*		*56 - 123*	*01/20/21 05:40*	*01/21/21 16:09*	*1*
Phenol-d6 (Surr)	*28*		*17 - 141*	*01/20/21 05:40*	*01/21/21 16:09*	*1*
p-Terphenyl-d14 (Surr)	*91*		*46 - 133*	*01/20/21 05:40*	*01/21/21 16:09*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*32 - 143*	*01/20/21 05:40*	*01/21/21 16:09*	*1*

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		0.50	0.38	mg/L			01/20/21 12:02	5
Sulfate	**390**		5.0	1.2	mg/L			01/20/21 12:02	5

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**12**		0.20	0.048	mg/L			01/20/21 12:21	2
Orthophosphate as P	ND		0.20	0.15	mg/L			01/20/21 12:21	2

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**12**		0.20	0.048	mg/L			01/20/21 12:40	2
Orthophosphate as P	ND		0.20	0.15	mg/L			01/20/21 12:40	2

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**13**		0.50	0.12	mg/L			01/20/21 12:59	5
Orthophosphate as P	ND		0.50	0.38	mg/L			01/20/21 12:59	5

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**13**		0.50	0.12	mg/L			01/20/21 13:17	5
Orthophosphate as P	ND	F1	0.50	0.38	mg/L			01/20/21 13:17	5

Method: 300.0 - Anions, Ion Chromatography - DL

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5100		100	36	mg/L			01/20/21 17:04	100

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		40	14	mg/L			01/20/21 17:42	40
Sulfate	440		40	9.5	mg/L			01/20/21 17:42	40

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		40	14	mg/L			01/20/21 18:01	40
Sulfate	440		40	9.5	mg/L			01/20/21 18:01	40

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7300		100	36	mg/L			01/20/21 18:19	100
Sulfate	510		100	24	mg/L			01/20/21 18:19	100

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4000		100	36	mg/L			01/20/21 19:16	100
Sulfate	440		100	24	mg/L			01/20/21 19:16	100

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Method: 300.0 - Anions, Ion Chromatography - DL2

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	95		2.0	0.48	mg/L			01/20/21 17:23	20

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	01/29/21 15:19	1
Barium	**0.231**		0.0100	0.00308	mg/L		01/27/21 16:30	01/29/21 15:19	1
Cadmium	**0.00474**	**J**	0.0100	0.00210	mg/L		01/27/21 16:30	01/29/21 15:19	1
Calcium	**654**		2.00	0.459	mg/L		01/27/21 16:30	01/29/21 15:19	1
Chromium	**0.00891**	**J**	0.0500	0.00688	mg/L		01/27/21 16:30	01/29/21 15:19	1
Copper	**0.0120**	**J**	0.0500	0.00614	mg/L		01/27/21 16:30	01/29/21 15:19	1
Iron	**0.160**	**J**	0.500	0.123	mg/L		01/27/21 16:30	01/29/21 15:19	1
Lead	**0.0198**	**J**	0.0500	0.00821	mg/L		01/27/21 16:30	01/29/21 15:19	1
Magnesium	**222**		0.500	0.0493	mg/L		01/27/21 16:30	01/29/21 15:19	1
Manganese	**0.0144**	**J**	0.0500	0.00405	mg/L		01/27/21 16:30	01/29/21 15:19	1
Molybdenum	**0.0225**	**J**	0.0500	0.00509	mg/L		01/27/21 16:30	01/29/21 15:19	1
Nickel	**0.0310**	**J**	0.0500	0.00784	mg/L		01/27/21 16:30	01/29/21 15:19	1
Potassium	**20.5**		2.00	0.240	mg/L		01/27/21 16:30	01/29/21 15:19	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	01/29/21 15:19	1
Silver	**0.00405**	**J**	0.0100	0.00298	mg/L		01/27/21 16:30	01/29/21 15:19	1
Thallium	ND		0.0500	0.0161	mg/L		01/27/21 16:30	01/29/21 15:19	1
Vanadium	ND		0.0100	0.00297	mg/L		01/27/21 16:30	01/29/21 15:19	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	01/29/21 15:19	1

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	01/29/21 15:22	1
Barium	**0.0314**		0.0100	0.00308	mg/L		01/27/21 16:30	01/29/21 15:22	1
Cadmium	**0.00414**	**J**	0.0100	0.00210	mg/L		01/27/21 16:30	01/29/21 15:22	1
Calcium	**396**		2.00	0.459	mg/L		01/27/21 16:30	01/29/21 15:22	1
Chromium	ND		0.0500	0.00688	mg/L		01/27/21 16:30	01/29/21 15:22	1
Copper	ND		0.0500	0.00614	mg/L		01/27/21 16:30	01/29/21 15:22	1
Iron	ND		0.500	0.123	mg/L		01/27/21 16:30	01/29/21 15:22	1
Lead	**0.0223**	**J**	0.0500	0.00821	mg/L		01/27/21 16:30	01/29/21 15:22	1
Magnesium	**45.6**		0.500	0.0493	mg/L		01/27/21 16:30	01/29/21 15:22	1
Manganese	ND		0.0500	0.00405	mg/L		01/27/21 16:30	01/29/21 15:22	1
Molybdenum	**0.111**		0.0500	0.00509	mg/L		01/27/21 16:30	01/29/21 15:22	1
Nickel	**0.842**		0.0500	0.00784	mg/L		01/27/21 16:30	01/29/21 15:22	1
Potassium	**14.8**		2.00	0.240	mg/L		01/27/21 16:30	01/29/21 15:22	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	01/29/21 15:22	1
Silver	ND		0.0100	0.00298	mg/L		01/27/21 16:30	01/29/21 15:22	1
Thallium	ND		0.0500	0.0161	mg/L		01/27/21 16:30	01/29/21 15:22	1
Vanadium	ND		0.0100	0.00297	mg/L		01/27/21 16:30	01/29/21 15:22	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	01/29/21 15:22	1

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	01/29/21 15:24	1
Barium	**0.0317**		0.0100	0.00308	mg/L		01/27/21 16:30	01/29/21 15:24	1
Cadmium	**0.00383**	**J**	0.0100	0.00210	mg/L		01/27/21 16:30	01/29/21 15:24	1
Calcium	**396**		2.00	0.459	mg/L		01/27/21 16:30	01/29/21 15:24	1

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0500	0.00688	mg/L		01/27/21 16:30	01/29/21 15:24	1
Copper	ND		0.0500	0.00614	mg/L		01/27/21 16:30	01/29/21 15:24	1
Iron	ND		0.500	0.123	mg/L		01/27/21 16:30	01/29/21 15:24	1
Lead	**0.0163**	**J**	0.0500	0.00821	mg/L		01/27/21 16:30	01/29/21 15:24	1
Magnesium	**45.9**		0.500	0.0493	mg/L		01/27/21 16:30	01/29/21 15:24	1
Manganese	ND		0.0500	0.00405	mg/L		01/27/21 16:30	01/29/21 15:24	1
Molybdenum	**0.116**		0.0500	0.00509	mg/L		01/27/21 16:30	01/29/21 15:24	1
Nickel	**0.850**		0.0500	0.00784	mg/L		01/27/21 16:30	01/29/21 15:24	1
Potassium	**14.6**		2.00	0.240	mg/L		01/27/21 16:30	01/29/21 15:24	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	01/29/21 15:24	1
Silver	ND		0.0100	0.00298	mg/L		01/27/21 16:30	01/29/21 15:24	1
Thallium	ND		0.0500	0.0161	mg/L		01/27/21 16:30	01/29/21 15:24	1
Vanadium	ND		0.0100	0.00297	mg/L		01/27/21 16:30	01/29/21 15:24	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	01/29/21 15:24	1

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	01/29/21 15:37	1
Barium	**0.0614**		0.0100	0.00308	mg/L		01/27/21 16:30	01/29/21 15:37	1
Cadmium	**0.00521**	**J**	0.0100	0.00210	mg/L		01/27/21 16:30	01/29/21 15:37	1
Calcium	**901**		2.00	0.459	mg/L		01/27/21 16:30	01/29/21 15:37	1
Chromium	**0.0391**	**J**	0.0500	0.00688	mg/L		01/27/21 16:30	01/29/21 15:37	1
Copper	**0.00922**	**J**	0.0500	0.00614	mg/L		01/27/21 16:30	01/29/21 15:37	1
Iron	**0.377**	**J**	0.500	0.123	mg/L		01/27/21 16:30	01/29/21 15:37	1
Lead	**0.0160**	**J**	0.0500	0.00821	mg/L		01/27/21 16:30	01/29/21 15:37	1
Magnesium	**284**		0.500	0.0493	mg/L		01/27/21 16:30	01/29/21 15:37	1
Manganese	**0.0467**	**J**	0.0500	0.00405	mg/L		01/27/21 16:30	01/29/21 15:37	1
Molybdenum	**0.0162**	**J**	0.0500	0.00509	mg/L		01/27/21 16:30	01/29/21 15:37	1
Nickel	**1.08**		0.0500	0.00784	mg/L		01/27/21 16:30	01/29/21 15:37	1
Potassium	**15.5**		2.00	0.240	mg/L		01/27/21 16:30	01/29/21 15:37	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	01/29/21 15:37	1
Silver	**0.0106**		0.0100	0.00298	mg/L		01/27/21 16:30	01/29/21 15:37	1
Vanadium	ND		0.0100	0.00297	mg/L		01/27/21 16:30	01/29/21 15:37	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	01/29/21 15:37	1

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	01/29/21 15:13	1
Barium	**0.0482**		0.0100	0.00308	mg/L		01/27/21 16:30	01/29/21 15:13	1
Cadmium	**0.00435**	**J**	0.0100	0.00210	mg/L		01/27/21 16:30	01/29/21 15:13	1
Calcium	**541**		2.00	0.459	mg/L		01/27/21 16:30	01/29/21 15:13	1
Chromium	**0.00852**	**J**	0.0500	0.00688	mg/L		01/27/21 16:30	01/29/21 15:13	1
Copper	ND		0.0500	0.00614	mg/L		01/27/21 16:30	01/29/21 15:13	1
Iron	ND		0.500	0.123	mg/L		01/27/21 16:30	01/29/21 15:13	1
Lead	**0.0188**	**J**	0.0500	0.00821	mg/L		01/27/21 16:30	01/29/21 15:13	1
Magnesium	**107**		0.500	0.0493	mg/L		01/27/21 16:30	01/29/21 15:13	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.00520**	**J**	0.0500	0.00405	mg/L		01/27/21 16:30	01/29/21 15:13	1
Molybdenum	**0.0565**		0.0500	0.00509	mg/L		01/27/21 16:30	01/29/21 15:13	1
Nickel	**1.49**		0.0500	0.00784	mg/L		01/27/21 16:30	01/29/21 15:13	1
Potassium	**16.1**		2.00	0.240	mg/L		01/27/21 16:30	01/29/21 15:13	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	01/29/21 15:13	1
Silver	ND		0.0100	0.00298	mg/L		01/27/21 16:30	01/29/21 15:13	1
Thallium	ND	F1	0.0500	0.0161	mg/L		01/27/21 16:30	01/29/21 15:13	1
Vanadium	ND		0.0100	0.00297	mg/L		01/27/21 16:30	01/29/21 15:13	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	01/29/21 15:13	1

Method: 6010B - Metals (ICP) - Dissolved - DL

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**2810**		20.0	11.1	mg/L		01/27/21 16:30	02/01/21 13:35	10

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**1540**		20.0	11.1	mg/L		01/27/21 16:30	02/01/21 13:37	10

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**1530**		20.0	11.1	mg/L		01/27/21 16:30	02/01/21 13:39	10

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**3350**		20.0	11.1	mg/L		01/27/21 16:30	02/01/21 13:41	10
Thallium	ND		0.500	0.161	mg/L		01/27/21 16:30	02/01/21 13:41	10

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**1960**		20.0	11.1	mg/L		01/27/21 16:30	02/01/21 11:14	10

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 12:19	1

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 12:21	1

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 12:22	1

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00204**		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 12:24	1

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000966**		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 12:13	1

General Chemistry

Client Sample ID: MW-13
Date Collected: 01/19/21 09:42
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**436**		5.00	1.69	mg/L			01/25/21 22:43	1
Bicarbonate (as CaCO3)	**436**		5.00	1.69	mg/L			01/25/21 22:43	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:43	1
Total Dissolved Solids	**10700**		2.00	1.74	mg/L			01/20/21 15:29	1

Client Sample ID: MW-08
Date Collected: 01/19/21 12:01
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**139**		5.00	1.69	mg/L			01/25/21 22:49	1
Bicarbonate (as CaCO3)	**139**		5.00	1.69	mg/L			01/25/21 22:49	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:49	1
Total Dissolved Solids	**5750**		1.00	0.870	mg/L			01/20/21 15:29	1

Client Sample ID: Program Well Dup
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**139**		5.00	1.69	mg/L			01/25/21 22:56	1
Bicarbonate (as CaCO3)	**139**		5.00	1.69	mg/L			01/25/21 22:56	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:56	1
Total Dissolved Solids	**5620**		1.00	0.870	mg/L			01/20/21 15:29	1

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**108**		5.00	1.69	mg/L			01/25/21 23:02	1
Bicarbonate (as CaCO3)	**108**		5.00	1.69	mg/L			01/25/21 23:02	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 23:02	1
Total Dissolved Solids	**12800**		2.00	1.74	mg/L			01/20/21 15:29	1

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51
Lab Sample ID: 570-48815-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**134**		5.00	1.69	mg/L			01/25/21 23:08	1
Bicarbonate (as CaCO3)	**134**		5.00	1.69	mg/L			01/25/21 23:08	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 23:08	1
Total Dissolved Solids	**7900**		2.00	1.74	mg/L			01/20/21 15:29	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-48815-1	MW-13	94	95	94	99
570-48815-2	MW-08	91	92	96	97
570-48815-3	Program Well Dup	92	94	95	96
570-48815-4	MW-02	92	94	96	97
570-48815-5	MW-03	94	93	94	99
570-48815-5 MS	MW-03	102	99	98	100
570-48815-5 MSD	MW-03	101	98	97	101
570-48815-6	QCEB	92	92	91	96
570-48815-7	QCTB	94	92	93	98
LCS 570-124228/9	Lab Control Sample	99	97	93	99
LCSD 570-124228/10	Lab Control Sample Dup	101	99	95	100
MB 570-124228/13	Method Blank	95	94	93	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL6	TPHd14	TBP
Lab Sample ID	Client Sample ID	(45-120)	(15-138)	(56-123)	(17-141)	(46-133)	(32-143)
570-48815-1	MW-13	72	48	75	32	94	86
570-48815-2	MW-08	80	50	80	33	102	97
570-48815-3	Program Well Dup	75	48	78	32	99	90
570-48815-4	MW-02	76	42	77	30	98	79
570-48815-5	MW-03	71	40	67	28	91	85
570-48815-5 MS	MW-03	81	52	81	35	98	102
570-48815-5 MSD	MW-03	87	62	89	44	109	114
LCS 570-123331/2-A	Lab Control Sample	89	61	92	42	105	112
LCSD 570-123331/3-A	Lab Control Sample Dup	90	57	93	41	107	112
MB 570-123331/1-A	Method Blank	70	39	68	27	86	87

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-124228/13
Matrix: Water
Analysis Batch: 124228

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/23/21 17:55	1
Benzene	ND		0.50	0.27	ug/L			01/23/21 17:55	1
Bromobenzene	ND		0.50	0.26	ug/L			01/23/21 17:55	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/23/21 17:55	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/23/21 17:55	1
Bromoform	ND		0.50	0.39	ug/L			01/23/21 17:55	1
Bromomethane	ND		1.0	0.93	ug/L			01/23/21 17:55	1
2-Butanone	ND		5.0	3.0	ug/L			01/23/21 17:55	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/23/21 17:55	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/23/21 17:55	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/23/21 17:55	1
Chloroethane	ND		0.50	0.44	ug/L			01/23/21 17:55	1
Chloroform	ND		0.50	0.28	ug/L			01/23/21 17:55	1
Chloromethane	ND		1.0	0.29	ug/L			01/23/21 17:55	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/23/21 17:55	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/23/21 17:55	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/23/21 17:55	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/23/21 17:55	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/23/21 17:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/23/21 17:55	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/23/21 17:55	1
Dibromomethane	ND		0.50	0.23	ug/L			01/23/21 17:55	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/23/21 17:55	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/23/21 17:55	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/23/21 17:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 17:55	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/23/21 17:55	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/23/21 17:55	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/23/21 17:55	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/23/21 17:55	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/23/21 17:55	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/23/21 17:55	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/23/21 17:55	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/23/21 17:55	1
Ethanol	ND		50	38	ug/L			01/23/21 17:55	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/23/21 17:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/23/21 17:55	1
2-Hexanone	ND		6.0	4.3	ug/L			01/23/21 17:55	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/23/21 17:55	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/23/21 17:55	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/23/21 17:55	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/23/21 17:55	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/23/21 17:55	1
Naphthalene	ND		1.0	0.32	ug/L			01/23/21 17:55	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/23/21 17:55	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/23/21 17:55	1
o-Xylene	ND		0.50	0.35	ug/L			01/23/21 17:55	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/23/21 17:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124228/13
Matrix: Water
Analysis Batch: 124228

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 17:55	1
Styrene	ND		0.50	0.28	ug/L			01/23/21 17:55	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/23/21 17:55	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/23/21 17:55	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/23/21 17:55	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/23/21 17:55	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/23/21 17:55	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/23/21 17:55	1
Toluene	ND		0.50	0.33	ug/L			01/23/21 17:55	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/23/21 17:55	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/23/21 17:55	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/23/21 17:55	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/23/21 17:55	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/23/21 17:55	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/23/21 17:55	1
Trichloroethene	ND		0.50	0.29	ug/L			01/23/21 17:55	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/23/21 17:55	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/23/21 17:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/23/21 17:55	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/23/21 17:55	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/23/21 17:55	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/23/21 17:55	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/23/21 17:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*01/23/21 17:55*	*1*
Dibromofluoromethane	*94*		*80 - 127*		*01/23/21 17:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 128*		*01/23/21 17:55*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/23/21 17:55*	*1*

Lab Sample ID: LCS 570-124228/9
Matrix: Water
Analysis Batch: 124228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.36		ug/L		104	80 - 120
Carbon tetrachloride	10.0	10.03		ug/L		100	75 - 142
Chlorobenzene	10.0	10.78		ug/L		108	80 - 120
1,2-Dibromoethane	10.0	10.25		ug/L		103	80 - 120
1,2-Dichlorobenzene	10.0	10.35		ug/L		103	80 - 120
1,2-Dichloroethane	10.0	9.963		ug/L		100	80 - 123
1,1-Dichloroethene	10.0	9.634		ug/L		96	74 - 128
Di-isopropyl ether (DIPE)	10.0	9.139		ug/L		91	74 - 126
Ethanol	200	209.6		ug/L		105	50 - 142
Ethylbenzene	10.0	10.69		ug/L		107	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.010		ug/L		90	60 - 126
Methyl-t-Butyl Ether (MTBE)	10.0	9.159		ug/L		92	70 - 121
m,p-Xylene	20.0	21.79		ug/L		109	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124228/9
Matrix: Water
Analysis Batch: 124228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	10.54		ug/L		105	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	9.809		ug/L		98	80 - 121		
tert-Butyl alcohol (TBA)			100	111.3		ug/L		111	77 - 124		
Toluene			10.0	10.57		ug/L		106	80 - 120		
Trichloroethene			10.0	10.71		ug/L		107	80 - 120		
Vinyl chloride			10.0	9.069		ug/L		91	72 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*
Dibromofluoromethane	*97*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-124228/10
Matrix: Water
Analysis Batch: 124228

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.88		ug/L		109	80 - 120	5	20
Carbon tetrachloride			10.0	10.54		ug/L		105	75 - 142	5	20
Chlorobenzene			10.0	11.31		ug/L		113	80 - 120	5	20
1,2-Dibromoethane			10.0	10.75		ug/L		107	80 - 120	5	20
1,2-Dichlorobenzene			10.0	11.02		ug/L		110	80 - 120	6	20
1,2-Dichloroethane			10.0	10.45		ug/L		104	80 - 123	5	20
1,1-Dichloroethene			10.0	10.26		ug/L		103	74 - 128	6	20
Di-isopropyl ether (DIPE)			10.0	9.294		ug/L		93	74 - 126	2	20
Ethanol			200	252.4		ug/L		126	50 - 142	19	30
Ethylbenzene			10.0	11.33		ug/L		113	80 - 120	6	20
Ethyl-t-butyl ether (ETBE)			10.0	9.222		ug/L		92	60 - 126	2	20
Methyl-t-Butyl Ether (MTBE)			10.0	9.391		ug/L		94	70 - 121	3	20
m,p-Xylene			20.0	22.73		ug/L		114	80 - 120	4	20
o-Xylene			10.0	11.08		ug/L		111	80 - 120	5	20
Tert-amyl-methyl ether (TAME)			10.0	10.34		ug/L		103	80 - 121	5	20
tert-Butyl alcohol (TBA)			100	114.9		ug/L		115	77 - 124	3	23
Toluene			10.0	11.06		ug/L		111	80 - 120	4	20
Trichloroethene			10.0	11.41		ug/L		114	80 - 120	6	20
Vinyl chloride			10.0	9.572		ug/L		96	72 - 126	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 124228

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		10.0	9.924		ug/L		99	75 - 125
Carbon tetrachloride	ND		10.0	9.204		ug/L		92	69 - 135
Chlorobenzene	ND	F1	10.0	11.69		ug/L		117	75 - 125
1,2-Dibromoethane	ND	F1	10.0	11.74		ug/L		117	75 - 126
1,2-Dichlorobenzene	ND	F1	10.0	12.45		ug/L		124	75 - 125
1,2-Dichloroethane	ND		10.0	10.54		ug/L		105	75 - 127
1,1-Dichloroethene	ND		10.0	8.755		ug/L		88	66 - 126
Di-isopropyl ether (DIPE)	ND		10.0	9.159		ug/L		92	64 - 136
Ethanol	ND	F1	200	302.4	F1	ug/L		151	73 - 133
Ethylbenzene	ND		10.0	11.08		ug/L		111	75 - 125
Ethyl-t-butyl ether (ETBE)	ND		10.0	9.352		ug/L		94	73 - 133
Methyl-t-Butyl Ether (MTBE)	ND		10.0	9.645		ug/L		96	71 - 131
m,p-Xylene	ND	F1	20.0	22.51		ug/L		113	75 - 125
o-Xylene	ND		10.0	11.32		ug/L		113	75 - 127
Tert-amyl-methyl ether (TAME)	ND		10.0	11.01		ug/L		110	75 - 125
tert-Butyl alcohol (TBA)	ND		100	144.6		ug/L		145	20 - 180
Toluene	ND		10.0	10.61		ug/L		106	75 - 125
Trichloroethene	0.35	J	10.0	10.82		ug/L		105	75 - 125
Vinyl chloride	ND		10.0	9.509		ug/L		95	52 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 124228

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		10.0	11.58		ug/L		116	75 - 125	15	20
Carbon tetrachloride	ND		10.0	11.16		ug/L		112	69 - 135	19	20
Chlorobenzene	ND	F1	10.0	13.27	F1	ug/L		133	75 - 125	13	20
1,2-Dibromoethane	ND	F1	10.0	13.04	F1	ug/L		130	75 - 126	10	20
1,2-Dichlorobenzene	ND	F1	10.0	13.16	F1	ug/L		132	75 - 125	6	20
1,2-Dichloroethane	ND		10.0	11.68		ug/L		117	75 - 127	10	20
1,1-Dichloroethene	ND		10.0	10.55		ug/L		105	66 - 126	19	20
Di-isopropyl ether (DIPE)	ND		10.0	10.66		ug/L		107	64 - 136	15	20
Ethanol	ND	F1	200	327.1	F1	ug/L		164	73 - 133	8	27
Ethylbenzene	ND		10.0	12.46		ug/L		125	75 - 125	12	20
Ethyl-t-butyl ether (ETBE)	ND		10.0	10.62		ug/L		106	73 - 133	13	20
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.75		ug/L		108	71 - 131	11	20
m,p-Xylene	ND	F1	20.0	25.30	F1	ug/L		127	75 - 125	12	20
o-Xylene	ND		10.0	12.70		ug/L		127	75 - 127	11	20
Tert-amyl-methyl ether (TAME)	ND		10.0	12.11		ug/L		121	75 - 125	10	20
tert-Butyl alcohol (TBA)	ND		100	155.7		ug/L		156	20 - 180	7	40
Toluene	ND		10.0	12.28		ug/L		123	75 - 125	15	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 124228

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	0.35	J	10.0	12.42		ug/L		121	75 - 125	14	20
Vinyl chloride	ND		10.0	9.657		ug/L		97	52 - 142	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*98*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-123331/1-A
Matrix: Water
Analysis Batch: 123736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123331

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
Acenaphthylene	ND		10	2.9	ug/L		01/20/21 05:40	01/21/21 14:09	1
Aniline	ND		10	1.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
Anthracene	ND		10	3.0	ug/L		01/20/21 05:40	01/21/21 14:09	1
Azobenzene	ND		10	2.6	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzidine	ND		50	6.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzo[a]anthracene	ND		10	4.7	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzo[a]pyrene	ND		10	2.4	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzo[b]fluoranthene	ND		10	2.3	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzo[g,h,i]perylene	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzoic acid	ND		50	12	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzo[k]fluoranthene	ND		10	3.2	ug/L		01/20/21 05:40	01/21/21 14:09	1
Benzyl alcohol	ND		10	2.2	ug/L		01/20/21 05:40	01/21/21 14:09	1
Bis(2-chloroethoxy)methane	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
Bis(2-chloroethyl)ether	ND		25	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
bis (2-Chloroisopropyl) ether	ND		10	3.2	ug/L		01/20/21 05:40	01/21/21 14:09	1
Bis(2-ethylhexyl) phthalate	ND		10	3.2	ug/L		01/20/21 05:40	01/21/21 14:09	1
4-Bromophenyl phenyl ether	ND		10	2.7	ug/L		01/20/21 05:40	01/21/21 14:09	1
Butyl benzyl phthalate	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
4-Chloroaniline	ND		10	2.0	ug/L		01/20/21 05:40	01/21/21 14:09	1
4-Chloro-3-methylphenol	ND		10	2.4	ug/L		01/20/21 05:40	01/21/21 14:09	1
2-Chloronaphthalene	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
2-Chlorophenol	ND		10	2.3	ug/L		01/20/21 05:40	01/21/21 14:09	1
4-Chlorophenyl phenyl ether	ND		10	2.7	ug/L		01/20/21 05:40	01/21/21 14:09	1
Chrysene	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
Dibenz(a,h)anthracene	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
Dibenzofuran	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
1,2-Dichlorobenzene	ND		10	3.0	ug/L		01/20/21 05:40	01/21/21 14:09	1
1,3-Dichlorobenzene	ND		10	3.1	ug/L		01/20/21 05:40	01/21/21 14:09	1
1,4-Dichlorobenzene	ND		10	2.9	ug/L		01/20/21 05:40	01/21/21 14:09	1
3,3'-Dichlorobenzidine	ND		25	2.6	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,4-Dichlorophenol	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		01/20/21 05:40	01/21/21 14:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-123331/1-A
Matrix: Water
Analysis Batch: 123736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123331

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,4-Dimethylphenol	ND		10	2.4	ug/L		01/20/21 05:40	01/21/21 14:09	1
Dimethyl phthalate	ND		10	2.6	ug/L		01/20/21 05:40	01/21/21 14:09	1
Di-n-butyl phthalate	ND		10	2.9	ug/L		01/20/21 05:40	01/21/21 14:09	1
4,6-Dinitro-2-methylphenol	ND		50	14	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,4-Dinitrophenol	ND		50	13	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,4-Dinitrotoluene	ND		10	2.3	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,6-Dinitrotoluene	ND		10	2.4	ug/L		01/20/21 05:40	01/21/21 14:09	1
Di-n-octyl phthalate	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
Fluoranthene	ND		10	3.1	ug/L		01/20/21 05:40	01/21/21 14:09	1
Fluorene	ND		10	2.7	ug/L		01/20/21 05:40	01/21/21 14:09	1
Hexachlorobenzene	ND		10	3.1	ug/L		01/20/21 05:40	01/21/21 14:09	1
Hexachloro-1,3-butadiene	ND		10	2.9	ug/L		01/20/21 05:40	01/21/21 14:09	1
Hexachlorocyclopentadiene	ND		25	6.9	ug/L		01/20/21 05:40	01/21/21 14:09	1
Hexachloroethane	ND		10	3.0	ug/L		01/20/21 05:40	01/21/21 14:09	1
Indeno[1,2,3-cd]pyrene	ND		10	2.1	ug/L		01/20/21 05:40	01/21/21 14:09	1
Isophorone	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
1-Methylnaphthalene	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
2-Methylnaphthalene	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
2-Methylphenol	ND		10	2.1	ug/L		01/20/21 05:40	01/21/21 14:09	1
3 & 4 Methylphenol	ND		10	2.2	ug/L		01/20/21 05:40	01/21/21 14:09	1
Naphthalene	ND		10	2.9	ug/L		01/20/21 05:40	01/21/21 14:09	1
2-Nitroaniline	ND		10	2.2	ug/L		01/20/21 05:40	01/21/21 14:09	1
3-Nitroaniline	ND		10	2.3	ug/L		01/20/21 05:40	01/21/21 14:09	1
4-Nitroaniline	ND		10	2.1	ug/L		01/20/21 05:40	01/21/21 14:09	1
Nitrobenzene	ND		25	3.0	ug/L		01/20/21 05:40	01/21/21 14:09	1
2-Nitrophenol	ND		10	2.6	ug/L		01/20/21 05:40	01/21/21 14:09	1
4-Nitrophenol	ND		10	1.6	ug/L		01/20/21 05:40	01/21/21 14:09	1
N-Nitrosodimethylamine	ND		10	3.2	ug/L		01/20/21 05:40	01/21/21 14:09	1
N-Nitrosodi-n-propylamine	ND		10	2.4	ug/L		01/20/21 05:40	01/21/21 14:09	1
N-Nitrosodiphenylamine	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
Pentachlorophenol	ND		10	4.6	ug/L		01/20/21 05:40	01/21/21 14:09	1
Phenanthrene	ND		10	2.9	ug/L		01/20/21 05:40	01/21/21 14:09	1
Phenol	ND		10	2.1	ug/L		01/20/21 05:40	01/21/21 14:09	1
Pyrene	ND		10	3.0	ug/L		01/20/21 05:40	01/21/21 14:09	1
Pyridine	ND		10	3.0	ug/L		01/20/21 05:40	01/21/21 14:09	1
1,2,4-Trichlorobenzene	ND		10	2.8	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,4,5-Trichlorophenol	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1
2,4,6-Trichlorophenol	ND		10	2.5	ug/L		01/20/21 05:40	01/21/21 14:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*45 - 120*	*01/20/21 05:40*	*01/21/21 14:09*	*1*
2-Fluorophenol (Surr)	*39*		*15 - 138*	*01/20/21 05:40*	*01/21/21 14:09*	*1*
Nitrobenzene-d5 (Surr)	*68*		*56 - 123*	*01/20/21 05:40*	*01/21/21 14:09*	*1*
Phenol-d6 (Surr)	*27*		*17 - 141*	*01/20/21 05:40*	*01/21/21 14:09*	*1*
p-Terphenyl-d14 (Surr)	*86*		*46 - 133*	*01/20/21 05:40*	*01/21/21 14:09*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*32 - 143*	*01/20/21 05:40*	*01/21/21 14:09*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-123331/2-A
Matrix: Water
Analysis Batch: 123736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123331

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene			100	79.01		ug/L		79	45 - 110		
Acenaphthylene			100	85.02		ug/L		85	50 - 105		
Butyl benzyl phthalate			100	88.01		ug/L		88	45 - 115		
4-Chloro-3-methylphenol			100	85.17		ug/L		85	45 - 110		
2-Chlorophenol			100	80.01		ug/L		80	35 - 105		
1,4-Dichlorobenzene			100	71.27		ug/L		71	30 - 100		
Dimethyl phthalate			100	82.71		ug/L		83	25 - 125		
2,4-Dinitrotoluene			100	89.17		ug/L		89	50 - 120		
Fluorene			100	84.18		ug/L		84	50 - 110		
Naphthalene			100	81.39		ug/L		81	40 - 100		
4-Nitrophenol			100	33.97		ug/L		34	20 - 150		
N-Nitrosodi-n-propylamine			100	84.80		ug/L		85	35 - 130		
Pentachlorophenol			100	67.25		ug/L		67	40 - 115		
Phenol			100	36.07		ug/L		36	10 - 115		
Pyrene			100	84.73		ug/L		85	50 - 130		
1,2,4-Trichlorobenzene			100	78.39		ug/L		78	49 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*89*		*45 - 120*
2-Fluorophenol (Surr)	*61*		*15 - 138*
Nitrobenzene-d5 (Surr)	*92*		*56 - 123*
Phenol-d6 (Surr)	*42*		*17 - 141*
p-Terphenyl-d14 (Surr)	*105*		*46 - 133*
2,4,6-Tribromophenol (Surr)	*112*		*32 - 143*

Lab Sample ID: LCSD 570-123331/3-A
Matrix: Water
Analysis Batch: 123736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123331

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			100	82.29		ug/L		82	45 - 110	4	20
Acenaphthylene			100	87.23		ug/L		87	50 - 105	3	20
Butyl benzyl phthalate			100	90.05		ug/L		90	45 - 115	2	20
4-Chloro-3-methylphenol			100	84.27		ug/L		84	45 - 110	1	40
2-Chlorophenol			100	79.22		ug/L		79	35 - 105	1	18
1,4-Dichlorobenzene			100	69.05		ug/L		69	30 - 100	3	26
Dimethyl phthalate			100	85.06		ug/L		85	25 - 125	3	20
2,4-Dinitrotoluene			100	92.75		ug/L		93	50 - 120	4	36
Fluorene			100	86.93		ug/L		87	50 - 110	3	20
Naphthalene			100	81.68		ug/L		82	40 - 100	0	20
4-Nitrophenol			100	34.85		ug/L		35	20 - 150	3	40
N-Nitrosodi-n-propylamine			100	85.22		ug/L		85	35 - 130	0	20
Pentachlorophenol			100	67.28		ug/L		67	40 - 115	0	40
Phenol			100	35.55		ug/L		36	10 - 115	1	23
Pyrene			100	87.64		ug/L		88	50 - 130	3	20
1,2,4-Trichlorobenzene			100	78.92		ug/L		79	49 - 120	1	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-123331/3-A
Matrix: Water
Analysis Batch: 123736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123331

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*90*		*45 - 120*
2-Fluorophenol (Surr)	*57*		*15 - 138*
Nitrobenzene-d5 (Surr)	*93*		*56 - 123*
Phenol-d6 (Surr)	*41*		*17 - 141*
p-Terphenyl-d14 (Surr)	*107*		*46 - 133*
2,4,6-Tribromophenol (Surr)	*112*		*32 - 143*

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 123736

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 123331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		96.9	71.31		ug/L		74	51 - 137
Acenaphthylene	ND		96.9	74.95		ug/L		77	50 - 150
Butyl benzyl phthalate	ND		96.9	80.68		ug/L		83	50 - 150
4-Chloro-3-methylphenol	ND		96.9	74.55		ug/L		77	20 - 150
2-Chlorophenol	ND		96.9	67.30		ug/L		69	45 - 135
1,4-Dichlorobenzene	ND		96.9	57.08		ug/L		59	36 - 118
Dimethyl phthalate	ND		96.9	75.35		ug/L		78	50 - 150
2,4-Dinitrotoluene	ND		96.9	82.08		ug/L		85	25 - 143
Fluorene	ND		96.9	75.23		ug/L		78	50 - 150
Naphthalene	ND		96.9	69.34		ug/L		72	50 - 150
4-Nitrophenol	ND		96.9	30.53		ug/L		31	20 - 150
N-Nitrosodi-n-propylamine	ND		96.9	70.78		ug/L		73	52 - 128
Pentachlorophenol	ND		96.9	60.86		ug/L		63	20 - 150
Phenol	ND		96.9	29.32		ug/L		30	10 - 115
Pyrene	ND		96.9	77.52		ug/L		80	45 - 135
1,2,4-Trichlorobenzene	ND		96.9	66.89		ug/L		69	18 - 126

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*45 - 120*
2-Fluorophenol (Surr)	*52*		*15 - 138*
Nitrobenzene-d5 (Surr)	*81*		*56 - 123*
Phenol-d6 (Surr)	*35*		*17 - 141*
p-Terphenyl-d14 (Surr)	*98*		*46 - 133*
2,4,6-Tribromophenol (Surr)	*102*		*32 - 143*

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 123736

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 123331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		90.2	73.71		ug/L		82	51 - 137	3	20
Acenaphthylene	ND		90.2	77.39		ug/L		86	50 - 150	3	20
Butyl benzyl phthalate	ND		90.2	82.40		ug/L		91	50 - 150	2	20
4-Chloro-3-methylphenol	ND		90.2	80.28		ug/L		89	20 - 150	7	40
2-Chlorophenol	ND		90.2	71.47		ug/L		79	45 - 135	6	18
1,4-Dichlorobenzene	ND		90.2	59.62		ug/L		66	36 - 118	4	26

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 123736

Client Sample ID: MW-03
Prep Type: Total/NA
Prep Batch: 123331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dimethyl phthalate	ND		90.2	79.18		ug/L		88	50 - 150	5	20
2,4-Dinitrotoluene	ND		90.2	86.48		ug/L		96	25 - 143	5	36
Fluorene	ND		90.2	79.36		ug/L		88	50 - 150	5	20
Naphthalene	ND		90.2	70.49		ug/L		78	50 - 150	2	20
4-Nitrophenol	ND		90.2	34.97		ug/L		39	20 - 150	14	40
N-Nitrosodi-n-propylamine	ND		90.2	76.30		ug/L		85	52 - 128	8	20
Pentachlorophenol	ND		90.2	62.99		ug/L		70	20 - 150	3	40
Phenol	ND		90.2	34.64		ug/L		38	10 - 115	17	23
Pyrene	ND		90.2	80.26		ug/L		89	45 - 135	3	20
1,2,4-Trichlorobenzene	ND		90.2	67.88		ug/L		75	18 - 126	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*45 - 120*
2-Fluorophenol (Surr)	*62*		*15 - 138*
Nitrobenzene-d5 (Surr)	*89*		*56 - 123*
Phenol-d6 (Surr)	*44*		*17 - 141*
p-Terphenyl-d14 (Surr)	*109*		*46 - 133*
2,4,6-Tribromophenol (Surr)	*114*		*32 - 143*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-123386/5
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			01/20/21 11:05	1
Orthophosphate as P	ND		0.10	0.076	mg/L			01/20/21 11:05	1

Lab Sample ID: LCS 570-123386/6
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			5.00	4.959		mg/L		99	90 - 110		
Orthophosphate as P			2.50	2.462		mg/L		98	90 - 110		

Lab Sample ID: LCSD 570-123386/7
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			5.00	4.967		mg/L		99	90 - 110	0	15
Orthophosphate as P			2.50	2.382		mg/L		95	90 - 110	3	15

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 123386

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	13		5.00	17.38		mg/L		97	80 - 120		
Orthophosphate as P	ND	F1	2.50	3.714	F1	mg/L		149	80 - 120		

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 123386

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	13		5.00	17.32		mg/L		96	80 - 120	0	20
Orthophosphate as P	ND	F1	2.50	3.801	F1	mg/L		152	80 - 120	2	20

Lab Sample ID: MB 570-123387/5
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			01/20/21 11:05	1
Sulfate	ND		1.0	0.24	mg/L			01/20/21 11:05	1

Lab Sample ID: LCS 570-123387/6
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			50.0	50.21		mg/L		100	90 - 110		
Sulfate			50.0	49.67		mg/L		99	90 - 110		

Lab Sample ID: LCSD 570-123387/7
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			50.0	50.22		mg/L		100	90 - 110	0	15
Sulfate			50.0	49.53		mg/L		99	90 - 110	0	15

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 123387

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride - DL	4000		50.0	4017	4	mg/L		74	80 - 120		
Sulfate - DL	440		50.0	485.7	4	mg/L		88	80 - 120		

Method: 300.0 - Anions, Ion Chromatography - DL (Continued)

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 123387

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride - DL	4000		50.0	3980	4	mg/L		-0.5	80 - 120	1	20
Sulfate - DL	440		50.0	483.4	4	mg/L		84	80 - 120	0	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-125105/1-A
Matrix: Water
Analysis Batch: 126071

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 125105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	02/01/21 13:32	1
Barium	ND		0.0100	0.00308	mg/L		01/27/21 16:30	02/01/21 13:32	1
Cadmium	ND		0.0100	0.00210	mg/L		01/27/21 16:30	02/01/21 13:32	1
Calcium	ND		2.00	0.459	mg/L		01/27/21 16:30	02/01/21 13:32	1
Chromium	ND		0.0500	0.00688	mg/L		01/27/21 16:30	02/01/21 13:32	1
Copper	ND		0.0500	0.00614	mg/L		01/27/21 16:30	02/01/21 13:32	1
Iron	ND		0.500	0.123	mg/L		01/27/21 16:30	02/01/21 13:32	1
Lead	ND		0.0500	0.00821	mg/L		01/27/21 16:30	02/01/21 13:32	1
Magnesium	ND		0.500	0.0493	mg/L		01/27/21 16:30	02/01/21 13:32	1
Manganese	ND		0.0500	0.00405	mg/L		01/27/21 16:30	02/01/21 13:32	1
Molybdenum	ND		0.0500	0.00509	mg/L		01/27/21 16:30	02/01/21 13:32	1
Nickel	ND		0.0500	0.00784	mg/L		01/27/21 16:30	02/01/21 13:32	1
Potassium	ND		2.00	0.240	mg/L		01/27/21 16:30	02/01/21 13:32	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	02/01/21 13:32	1
Silver	ND		0.0100	0.00298	mg/L		01/27/21 16:30	02/01/21 13:32	1
Sodium	ND		2.00	1.11	mg/L		01/27/21 16:30	02/01/21 13:32	1
Thallium	ND		0.0500	0.0161	mg/L		01/27/21 16:30	02/01/21 13:32	1
Vanadium	ND		0.0100	0.00297	mg/L		01/27/21 16:30	02/01/21 13:32	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	02/01/21 13:32	1

Lab Sample ID: LCS 570-125105/2-A
Matrix: Water
Analysis Batch: 125699

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 125105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.500	0.4657		mg/L		93	80 - 120
Barium	0.500	0.5198		mg/L		104	80 - 120
Cadmium	0.500	0.4809		mg/L		96	80 - 120
Calcium	0.500	0.5168	J	mg/L		103	80 - 120
Chromium	0.500	0.4996		mg/L		100	80 - 120
Copper	0.500	0.5418		mg/L		108	80 - 120
Iron	0.500	0.5089		mg/L		102	80 - 120
Lead	0.500	0.4930		mg/L		99	80 - 120
Magnesium	0.500	0.5063		mg/L		101	80 - 120
Manganese	0.500	0.4792		mg/L		96	80 - 120
Molybdenum	0.500	0.4692		mg/L		94	80 - 120
Nickel	0.500	0.5013		mg/L		100	80 - 120
Potassium	5.00	4.685		mg/L		94	80 - 120
Selenium	0.500	0.4410		mg/L		88	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-125105/2-A
Matrix: Water
Analysis Batch: 125699

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 125105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.250	0.2477		mg/L		99	80 - 120
Sodium	5.00	5.025		mg/L		101	80 - 120
Thallium	0.500	0.4427		mg/L		89	80 - 120
Vanadium	0.500	0.5040		mg/L		101	80 - 120
Zinc	0.500	0.4907		mg/L		98	80 - 120

Lab Sample ID: LCSD 570-125105/3-A
Matrix: Water
Analysis Batch: 125699

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 125105

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.500	0.4568		mg/L		91	80 - 120	2	20
Barium	0.500	0.5213		mg/L		104	80 - 120	0	20
Cadmium	0.500	0.4863		mg/L		97	80 - 120	1	20
Calcium	0.500	0.5131	J	mg/L		103	80 - 120	1	20
Chromium	0.500	0.5013		mg/L		100	80 - 120	0	20
Copper	0.500	0.5440		mg/L		109	80 - 120	0	20
Iron	0.500	0.5115		mg/L		102	80 - 120	1	20
Lead	0.500	0.4979		mg/L		100	80 - 120	1	20
Magnesium	0.500	0.5088		mg/L		102	80 - 120	0	20
Manganese	0.500	0.4813		mg/L		96	80 - 120	0	20
Molybdenum	0.500	0.4812		mg/L		96	80 - 120	3	20
Nickel	0.500	0.5056		mg/L		101	80 - 120	1	20
Potassium	5.00	4.769		mg/L		95	80 - 120	2	20
Selenium	0.500	0.4636		mg/L		93	80 - 120	5	20
Silver	0.250	0.2489		mg/L		100	80 - 120	0	20
Sodium	5.00	5.103		mg/L		102	80 - 120	2	20
Thallium	0.500	0.4463		mg/L		89	80 - 120	1	20
Vanadium	0.500	0.5045		mg/L		101	80 - 120	0	20
Zinc	0.500	0.4917		mg/L		98	80 - 120	0	20

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 125699

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		0.500	0.4883		mg/L		98	80 - 140
Barium	0.0482		0.500	0.5919		mg/L		109	87 - 123
Cadmium	0.00435	J	0.500	0.4942		mg/L		98	82 - 124
Calcium	541		0.500	529.8	4	mg/L		-2256	77 - 113
Chromium	0.00852	J	0.500	0.5241		mg/L		103	86 - 122
Copper	ND		0.500	0.5972		mg/L		119	78 - 126
Iron	ND		0.500	0.5718		mg/L		114	65 - 149
Lead	0.0188	J	0.500	0.5072		mg/L		98	84 - 120
Magnesium	107		0.500	105.6	4	mg/L		-213	56 - 140
Manganese	0.00520	J	0.500	0.4943		mg/L		98	86 - 116
Molybdenum	0.0565		0.500	0.5275		mg/L		94	78 - 126
Nickel	1.49		0.500	1.939		mg/L		91	84 - 120
Potassium	16.1		5.00	21.71		mg/L		111	83 - 131

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 125699

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	ND		0.500	0.5265		mg/L		105	79 - 127
Silver	ND		0.250	0.2867		mg/L		115	86 - 128
Thallium	ND	F1	0.500	0.3847	F1	mg/L		77	79 - 121
Vanadium	ND		0.500	0.5464		mg/L		109	88 - 118
Zinc	ND		0.500	0.4898		mg/L		98	89 - 131

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 125699

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5089		mg/L		102	80 - 140	4	11
Barium	0.0482		0.500	0.5907		mg/L		108	87 - 123	0	6
Cadmium	0.00435	J	0.500	0.4958		mg/L		98	82 - 124	0	7
Calcium	541		0.500	532.2	4	mg/L		-1772	77 - 113	0	11
Chromium	0.00852	J	0.500	0.5284		mg/L		104	86 - 122	1	8
Copper	ND		0.500	0.6007		mg/L		120	78 - 126	1	7
Iron	ND		0.500	0.5807		mg/L		116	65 - 149	2	21
Lead	0.0188	J	0.500	0.5102		mg/L		98	84 - 120	1	7
Magnesium	107		0.500	105.3	4	mg/L		-278	56 - 140	0	11
Manganese	0.00520	J	0.500	0.4956		mg/L		98	86 - 116	0	7
Molybdenum	0.0565		0.500	0.5474		mg/L		98	78 - 126	4	7
Nickel	1.49		0.500	1.943		mg/L		91	84 - 120	0	7
Potassium	16.1		5.00	21.76		mg/L		112	83 - 131	0	7
Selenium	ND		0.500	0.5232		mg/L		105	79 - 127	1	9
Silver	ND		0.250	0.2863		mg/L		115	86 - 128	0	7
Thallium	ND	F1	0.500	0.3919	F1	mg/L		78	79 - 121	2	8
Vanadium	ND		0.500	0.5477		mg/L		110	88 - 118	0	7
Zinc	ND		0.500	0.4906		mg/L		98	89 - 131	0	8

Method: 6010B - Metals (ICP) - DL

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 126071

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium - DL	1960		5.00	1972	4	mg/L		219	73 - 127

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 126071

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sodium - DL	1960		5.00	1990	4	mg/L		576	73 - 127	1	9

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-125397/1-A
Matrix: Water
Analysis Batch: 125575

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125397

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 11:45	1

Lab Sample ID: LCS 570-125397/2-A
Matrix: Water
Analysis Batch: 125575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.009405		mg/L		94	80 - 120

Lab Sample ID: LCSD 570-125397/3-A
Matrix: Water
Analysis Batch: 125575

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125397

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.009326		mg/L		93	80 - 120	1	20

Lab Sample ID: 570-48815-5 MS
Matrix: Water
Analysis Batch: 125575

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 125397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000966		0.0100	0.006842		mg/L		59	55 - 133

Lab Sample ID: 570-48815-5 MSD
Matrix: Water
Analysis Batch: 125575

Client Sample ID: MW-03
Prep Type: Dissolved
Prep Batch: 125397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000966		0.0100	0.006778		mg/L		58	55 - 133	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-124613/10
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1
Bicarbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1

Lab Sample ID: LCS 570-124613/8
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total (As CaCO3)	100	94.35		mg/L		94	80 - 120

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 570-124613/9
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	95.83		mg/L		96	80 - 120	2	20

Lab Sample ID: 570-48815-5 DU
Matrix: Water
Analysis Batch: 124613

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	134			133.8		mg/L				0.3	25
Bicarbonate (as CaCO3)	134			133.8		mg/L				0.3	25
Carbonate (as CaCO3)	ND			ND		mg/L				NC	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-123519/1
Matrix: Water
Analysis Batch: 123519

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		0.400	0.348	mg/L			01/20/21 15:29	1

Lab Sample ID: LCS 570-123519/2
Matrix: Water
Analysis Batch: 123519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			100	102.5		mg/L		103	84 - 108		

Lab Sample ID: LCSD 570-123519/3
Matrix: Water
Analysis Batch: 123519

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids			100	100.0		mg/L		100	84 - 108	2	10

Lab Sample ID: 570-48815-5 DU
Matrix: Water
Analysis Batch: 123519

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	7900			8160		mg/L				3	10

GC/MS VOA

Analysis Batch: 124228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Total/NA	Water	8260B	
570-48815-2	MW-08	Total/NA	Water	8260B	
570-48815-3	Program Well Dup	Total/NA	Water	8260B	
570-48815-4	MW-02	Total/NA	Water	8260B	
570-48815-5	MW-03	Total/NA	Water	8260B	
570-48815-6	QCEB	Total/NA	Water	8260B	
570-48815-7	QCTB	Total/NA	Water	8260B	
MB 570-124228/13	Method Blank	Total/NA	Water	8260B	
LCS 570-124228/9	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-124228/10	Lab Control Sample Dup	Total/NA	Water	8260B	
570-48815-5 MS	MW-03	Total/NA	Water	8260B	
570-48815-5 MSD	MW-03	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 123331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Total/NA	Water	3510C	
570-48815-2	MW-08	Total/NA	Water	3510C	
570-48815-3	Program Well Dup	Total/NA	Water	3510C	
570-48815-4	MW-02	Total/NA	Water	3510C	
570-48815-5	MW-03	Total/NA	Water	3510C	
MB 570-123331/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-123331/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-123331/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-48815-5 MS	MW-03	Total/NA	Water	3510C	
570-48815-5 MSD	MW-03	Total/NA	Water	3510C	

Analysis Batch: 123736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Total/NA	Water	8270C	123331
570-48815-2	MW-08	Total/NA	Water	8270C	123331
570-48815-3	Program Well Dup	Total/NA	Water	8270C	123331
570-48815-4	MW-02	Total/NA	Water	8270C	123331
570-48815-5	MW-03	Total/NA	Water	8270C	123331
MB 570-123331/1-A	Method Blank	Total/NA	Water	8270C	123331
LCS 570-123331/2-A	Lab Control Sample	Total/NA	Water	8270C	123331
LCSD 570-123331/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	123331
570-48815-5 MS	MW-03	Total/NA	Water	8270C	123331
570-48815-5 MSD	MW-03	Total/NA	Water	8270C	123331

HPLC/IC

Analysis Batch: 123386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Total/NA	Water	300.0	
570-48815-1 - DL2	MW-13	Total/NA	Water	300.0	
570-48815-2	MW-08	Total/NA	Water	300.0	
570-48815-3	Program Well Dup	Total/NA	Water	300.0	
570-48815-4	MW-02	Total/NA	Water	300.0	
570-48815-5	MW-03	Total/NA	Water	300.0	
MB 570-123386/5	Method Blank	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 123386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-123386/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-123386/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48815-5 MS	MW-03	Total/NA	Water	300.0	
570-48815-5 MSD	MW-03	Total/NA	Water	300.0	

Analysis Batch: 123387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Total/NA	Water	300.0	
570-48815-1 - DL	MW-13	Total/NA	Water	300.0	
570-48815-2 - DL	MW-08	Total/NA	Water	300.0	
570-48815-3 - DL	Program Well Dup	Total/NA	Water	300.0	
570-48815-4 - DL	MW-02	Total/NA	Water	300.0	
570-48815-5 - DL	MW-03	Total/NA	Water	300.0	
MB 570-123387/5	Method Blank	Total/NA	Water	300.0	
LCS 570-123387/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-123387/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48815-5 MS - DL	MW-03	Total/NA	Water	300.0	
570-48815-5 MSD - DL	MW-03	Total/NA	Water	300.0	

Metals

Prep Batch: 125105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Dissolved	Water	3005A	
570-48815-1 - DL	MW-13	Dissolved	Water	3005A	
570-48815-2	MW-08	Dissolved	Water	3005A	
570-48815-2 - DL	MW-08	Dissolved	Water	3005A	
570-48815-3	Program Well Dup	Dissolved	Water	3005A	
570-48815-3 - DL	Program Well Dup	Dissolved	Water	3005A	
570-48815-4	MW-02	Dissolved	Water	3005A	
570-48815-4 - DL	MW-02	Dissolved	Water	3005A	
570-48815-5 - DL	MW-03	Dissolved	Water	3005A	
570-48815-5	MW-03	Dissolved	Water	3005A	
MB 570-125105/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-125105/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-125105/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-48815-5 MS - DL	MW-03	Dissolved	Water	3005A	
570-48815-5 MS	MW-03	Dissolved	Water	3005A	
570-48815-5 MSD - DL	MW-03	Dissolved	Water	3005A	
570-48815-5 MSD	MW-03	Dissolved	Water	3005A	

Prep Batch: 125397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Dissolved	Water	7470A	
570-48815-2	MW-08	Dissolved	Water	7470A	
570-48815-3	Program Well Dup	Dissolved	Water	7470A	
570-48815-4	MW-02	Dissolved	Water	7470A	
570-48815-5	MW-03	Dissolved	Water	7470A	
MB 570-125397/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-125397/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-125397/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 125397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-5 MS	MW-03	Dissolved	Water	7470A	
570-48815-5 MSD	MW-03	Dissolved	Water	7470A	

Analysis Batch: 125575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Dissolved	Water	7470A	125397
570-48815-2	MW-08	Dissolved	Water	7470A	125397
570-48815-3	Program Well Dup	Dissolved	Water	7470A	125397
570-48815-4	MW-02	Dissolved	Water	7470A	125397
570-48815-5	MW-03	Dissolved	Water	7470A	125397
MB 570-125397/1-A	Method Blank	Total/NA	Water	7470A	125397
LCS 570-125397/2-A	Lab Control Sample	Total/NA	Water	7470A	125397
LCSD 570-125397/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	125397
570-48815-5 MS	MW-03	Dissolved	Water	7470A	125397
570-48815-5 MSD	MW-03	Dissolved	Water	7470A	125397

Analysis Batch: 125699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Dissolved	Water	6010B	125105
570-48815-2	MW-08	Dissolved	Water	6010B	125105
570-48815-3	Program Well Dup	Dissolved	Water	6010B	125105
570-48815-4	MW-02	Dissolved	Water	6010B	125105
570-48815-5	MW-03	Dissolved	Water	6010B	125105
LCS 570-125105/2-A	Lab Control Sample	Total Recoverable	Water	6010B	125105
LCSD 570-125105/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	125105
570-48815-5 MS	MW-03	Dissolved	Water	6010B	125105
570-48815-5 MSD	MW-03	Dissolved	Water	6010B	125105

Analysis Batch: 126071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1 - DL	MW-13	Dissolved	Water	6010B	125105
570-48815-2 - DL	MW-08	Dissolved	Water	6010B	125105
570-48815-3 - DL	Program Well Dup	Dissolved	Water	6010B	125105
570-48815-4 - DL	MW-02	Dissolved	Water	6010B	125105
570-48815-5 - DL	MW-03	Dissolved	Water	6010B	125105
MB 570-125105/1-A	Method Blank	Total Recoverable	Water	6010B	125105
570-48815-5 MS - DL	MW-03	Dissolved	Water	6010B	125105
570-48815-5 MSD - DL	MW-03	Dissolved	Water	6010B	125105

General Chemistry

Analysis Batch: 123519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Total/NA	Water	SM 2540C	
570-48815-2	MW-08	Total/NA	Water	SM 2540C	
570-48815-3	Program Well Dup	Total/NA	Water	SM 2540C	
570-48815-4	MW-02	Total/NA	Water	SM 2540C	
570-48815-5	MW-03	Total/NA	Water	SM 2540C	
MB 570-123519/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-123519/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-123519/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 123519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-5 DU	MW-03	Total/NA	Water	SM 2540C	

Analysis Batch: 124613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48815-1	MW-13	Total/NA	Water	SM 2320B	
570-48815-2	MW-08	Total/NA	Water	SM 2320B	
570-48815-3	Program Well Dup	Total/NA	Water	SM 2320B	
570-48815-4	MW-02	Total/NA	Water	SM 2320B	
570-48815-5	MW-03	Total/NA	Water	SM 2320B	
MB 570-124613/10	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-124613/8	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-124613/9	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-48815-5 DU	MW-03	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Client Sample ID: MW-13
Lab Sample ID: 570-48815-1
Date Collected: 01/19/21 09:42
Matrix: Water
Date Received: 01/19/21 20:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	124228	01/23/21 23:03	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1043.7 mL	2 mL	123331	01/20/21 05:40	H1SH	ECL 1
Total/NA	Analysis	8270C		1			123736	01/21/21 18:43	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		5			123386	01/20/21 12:02	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0		5			123387	01/20/21 12:02	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL	100			123387	01/20/21 17:04	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL2	20			123386	01/20/21 17:23	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			125699	01/29/21 15:19	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126071	02/01/21 13:35	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	125397	01/28/21 17:40	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125575	01/29/21 12:19	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 22:43	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123519	01/20/21 15:29	FD2W	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-08
Lab Sample ID: 570-48815-2
Date Collected: 01/19/21 12:01
Matrix: Water
Date Received: 01/19/21 20:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124228	01/23/21 20:03	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1007.7 mL	2 mL	123331	01/20/21 05:40	H1SH	ECL 1
Total/NA	Analysis	8270C		1			123736	01/21/21 19:02	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		2			123386	01/20/21 12:21	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL	40			123387	01/20/21 17:42	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			125699	01/29/21 15:22	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Client Sample ID: MW-08
Lab Sample ID: 570-48815-2
Date Collected: 01/19/21 12:01
Matrix: Water
Date Received: 01/19/21 20:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A	DL		50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126071	02/01/21 13:37	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	125397	01/28/21 17:40	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125575	01/29/21 12:21	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 22:49	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	123519	01/20/21 15:29	FD2W	ECL 1
	Instrument ID: BAL87									

Client Sample ID: Program Well Dup
Lab Sample ID: 570-48815-3
Date Collected: 01/19/21 00:00
Matrix: Water
Date Received: 01/19/21 20:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124228	01/23/21 20:29	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1014.2 mL	2 mL	123331	01/20/21 05:40	H1SH	ECL 1
Total/NA	Analysis	8270C		1			123736	01/21/21 19:21	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		2			123386	01/20/21 12:40	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL	40			123387	01/20/21 18:01	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			125699	01/29/21 15:24	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126071	02/01/21 13:39	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	125397	01/28/21 17:40	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125575	01/29/21 12:22	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 22:56	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	20 mL	20 mL	123519	01/20/21 15:29	FD2W	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-02
Date Collected: 01/19/21 13:30
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124228	01/23/21 20:54	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1045.2 mL	2 mL	123331	01/20/21 05:40	H1SH	ECL 1
Total/NA	Analysis	8270C		1			123736	01/21/21 19:40	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		5			123386	01/20/21 12:59	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL	100			123387	01/20/21 18:19	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			125699	01/29/21 15:37	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126071	02/01/21 13:41	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	125397	01/28/21 17:40	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125575	01/29/21 12:24	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 23:02	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123519	01/20/21 15:29	FD2W	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-03
Date Collected: 01/19/21 14:40
Date Received: 01/19/21 20:51

Lab Sample ID: 570-48815-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124228	01/23/21 21:20	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Prep	3510C			1027.5 mL	2 mL	123331	01/20/21 05:40	H1SH	ECL 1
Total/NA	Analysis	8270C		1			123736	01/21/21 16:09	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Analysis	300.0		5			123386	01/20/21 13:17	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL	100			123387	01/20/21 19:16	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			125699	01/29/21 15:13	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126071	02/01/21 11:14	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Client Sample ID: MW-03
Lab Sample ID: 570-48815-5
Date Collected: 01/19/21 14:40
Matrix: Water
Date Received: 01/19/21 20:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			50 mL	100 mL	125397	01/28/21 17:40	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125575	01/29/21 12:13	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 23:08	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123519	01/20/21 15:29	FD2W	ECL 1
	Instrument ID: BAL87									

Client Sample ID: QCEB
Lab Sample ID: 570-48815-6
Date Collected: 01/19/21 15:40
Matrix: Water
Date Received: 01/19/21 20:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124228	01/23/21 18:46	OH1	ECL 2
	Instrument ID: GCMSVV									

Client Sample ID: QCTB
Lab Sample ID: 570-48815-7
Date Collected: 01/19/21 07:00
Matrix: Water
Date Received: 01/19/21 20:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124228	01/23/21 19:12	OH1	ECL 2
	Instrument ID: GCMSVV									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 1
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48815-1
Project/Site: Omar Former Rendering Plant-Program Wells

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-48815-1	MW-13	Water	01/19/21 09:42	01/19/21 20:51	
570-48815-2	MW-08	Water	01/19/21 12:01	01/19/21 20:51	
570-48815-3	Program Well Dup	Water	01/19/21 00:00	01/19/21 20:51	
570-48815-4	MW-02	Water	01/19/21 13:30	01/19/21 20:51	
570-48815-5	MW-03	Water	01/19/21 14:40	01/19/21 20:51	
570-48815-6	QCEB	Water	01/19/21 15:40	01/19/21 20:51	
570-48815-7	QCTB	Water	01/19/21 07:00	01/19/21 20:51	

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX. (714) 894-7501

570-48815 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE. 20210119
PAGE. 1 OF 1

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com

CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant – PROGRAM WELLS
PROJECT CONTACT: Tracy Rich
P.O. NO.: PO# 215324/Task#102405
SAMPLER(S): (PRINT): BBC ENV

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✻ 10 DAYS

✻ COELT EDF | GLOBAL ID: L10003156547 | LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3)
Note1 As,Ba,Cd,Cr,Cu,Pb,Hg,Mo,Ni,Se,Ag,Tl,V,Zn
Note 2: Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total, HCO3, CO3) EPA 300.0 Anions (Chloride, Sulfate, Nitrate o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs	MS/MSD	Containers
																2x250mL Poly-SM2320B, EPA 300.0; 1L Poly-SM 2540C TDS; 250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd); 3x40mL VOA vials with HCl EPA 8260B. Collect 6 vials from one of the wells for MS/MSD.; 1L Amber Glass 8270C SVOCs. Collect 3 ambers from one the wells for MS/MSD.
1	MW-13	20210119	0942	W	7	3	4	1	X	X	X	X	X	X		-Dissolved metals & cations field filtered
2	MW-08	"	1201	W	7	3	4	1	X	X	X	X	X	X		
3	Program Well Dup	"	[redacted]	W	7	3	4	1	X	X	X	X	X	X		
4	MW-02	"	1330	W	7	3	4	1	X	X	X	X	X	X		
5	MW-03 MS/MSD	20210119	1440	W	12	5	7	1	X	X	X	X	X	X	X	
6	QCEB	"	1540	W	3		3						X			
7	QCTB	20210119	~~0705~~ 0700	~~W~~ W	2		2						X			
8																
9																
10																

Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECI	Date: 1/19/2021	Time: 1545
Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECI	Date: 01/19/21	Time: 1820
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

08/10/16 Revision

3.4/2.3 SCB

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-48815-1

Login Number: 48815
List Number: 1
Creator: Cortez Diaz, Antonio

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-48818-1
Client Project/Site: Omar Former Rendering Plant-Non Program Wells

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
2/2/2021 3:56:44 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 7
Surrogate Summary 20
QC Sample Results 21
QC Association Summary 32
Lab Chronicle 34
Certification Summary 36
Method Summary 37
Sample Summary 38
Chain of Custody 39
Receipt Checklists 40

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-48818-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-48818-1

Comments
No additional comments.

Receipt
The samples were received on 1/19/2021 6:20 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-124261.

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-124261: 1,2-Dichlorobenzene, 1,2,3-Trichlorobenzene and 1,4-Dichlorobenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Unless there is a specific client QAPP requirement, the reported analyte list for batch quality control samples (LCS, LCSD, MS, and MSD) is in accordance with EPA Method 860B. Refer to the QC Sample Results section of this report.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method 300.0: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-123387 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 570-123386 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: Due to the high concentration of Sodium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-125105 and analytical batch 570-126071 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Client Sample ID: MW-22
Lab Sample ID: 570-48818-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.32	J	0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	0.35	J	0.50	0.28	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	5.8		0.50	0.30	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.7		0.50	0.35	ug/L	1		8260B	Total/NA
t-1,2-Dichloroethene	0.51		0.50	0.36	ug/L	1		8260B	Total/NA
Trichloroethene	16		0.50	0.29	ug/L	1		8260B	Total/NA
Vinyl chloride	11		0.50	0.40	ug/L	1		8260B	Total/NA
Nitrate as N	4.0		0.50	0.12	mg/L	5		300.0	Total/NA
Chloride - DL	4800		100	36	mg/L	100		300.0	Total/NA
Sulfate - DL	510		100	24	mg/L	100		300.0	Total/NA
Barium	0.107		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00378	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	669		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0104	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.128	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0212	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	216		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.333		0.0500	0.00405	mg/L	1		6010B	Dissolved
Nickel	0.116		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	21.2		2.00	0.240	mg/L	1		6010B	Dissolved
Vanadium	0.00409	J	0.0100	0.00297	mg/L	1		6010B	Dissolved
Sodium - DL	2550		20.0	11.1	mg/L	10		6010B	Dissolved
Thallium - DL	0.174	J	0.500	0.161	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	332		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	332		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9920		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: NON PROGRAM WELL DUP
Lab Sample ID: 570-48818-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.32	J	0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	0.38	J	0.50	0.28	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	5.9		0.50	0.30	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.7		0.50	0.35	ug/L	1		8260B	Total/NA
t-1,2-Dichloroethene	0.53		0.50	0.36	ug/L	1		8260B	Total/NA
Trichloroethene	15		0.50	0.29	ug/L	1		8260B	Total/NA
Vinyl chloride	11		0.50	0.40	ug/L	1		8260B	Total/NA
Nitrate as N	3.7		0.50	0.12	mg/L	5		300.0	Total/NA
Chloride - DL	4900		100	36	mg/L	100		300.0	Total/NA
Sulfate - DL	510		100	24	mg/L	100		300.0	Total/NA
Barium	0.107		0.0100	0.00308	mg/L	1		6010B	Dissolved
Cadmium	0.00470	J	0.0100	0.00210	mg/L	1		6010B	Dissolved
Calcium	656		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0106	J	0.0500	0.00688	mg/L	1		6010B	Dissolved
Iron	0.128	J	0.500	0.123	mg/L	1		6010B	Dissolved
Lead	0.0175	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	214		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.330		0.0500	0.00405	mg/L	1		6010B	Dissolved
Nickel	0.117		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	21.0		2.00	0.240	mg/L	1		6010B	Dissolved
Silver	0.00302	J	0.0100	0.00298	mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Client Sample ID: NON PROGRAM WELL DUP (Continued)
Lab Sample ID: 570-48818-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.00457	J	0.0100	0.00297	mg/L	1		6010B	Dissolved
Sodium - DL	2540		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	338		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	338		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9950		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: QCTB
Lab Sample ID: 570-48818-3

No Detections.

Client Sample ID: QCEB
Lab Sample ID: 570-48818-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-22
Date Collected: 01/19/21 14:15
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 06:18	1
Benzene	**0.32**	**J**	0.50	0.27	ug/L			01/24/21 06:18	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 06:18	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 06:18	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 06:18	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 06:18	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 06:18	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 06:18	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 06:18	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 06:18	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 06:18	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 06:18	1
Chloroform	**0.35**	**J**	0.50	0.28	ug/L			01/24/21 06:18	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 06:18	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 06:18	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 06:18	1
c-1,2-Dichloroethene	**5.8**		0.50	0.30	ug/L			01/24/21 06:18	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 06:18	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 06:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 06:18	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 06:18	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 06:18	1
1,2-Dichlorobenzene	ND	*+	0.50	0.23	ug/L			01/24/21 06:18	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 06:18	1
1,4-Dichlorobenzene	ND	*+	0.50	0.22	ug/L			01/24/21 06:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 06:18	1
1,1-Dichloroethane	**6.7**		0.50	0.35	ug/L			01/24/21 06:18	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 06:18	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 06:18	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 06:18	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 06:18	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 06:18	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 06:18	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 06:18	1
Ethanol	ND		50	38	ug/L			01/24/21 06:18	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 06:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 06:18	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 06:18	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 06:18	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 06:18	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 06:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 06:18	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 06:18	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 06:18	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 06:18	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 06:18	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 06:18	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 06:18	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 06:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-22
Date Collected: 01/19/21 14:15
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.28	ug/L			01/24/21 06:18	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 06:18	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 06:18	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 06:18	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 06:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 06:18	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 06:18	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 06:18	1
t-1,2-Dichloroethene	**0.51**		0.50	0.36	ug/L			01/24/21 06:18	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 06:18	1
1,2,3-Trichlorobenzene	ND	*+	0.50	0.28	ug/L			01/24/21 06:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 06:18	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 06:18	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 06:18	1
Trichloroethene	**16**		0.50	0.29	ug/L			01/24/21 06:18	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 06:18	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 06:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 06:18	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 06:18	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 06:18	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 06:18	1
Vinyl chloride	**11**		0.50	0.40	ug/L			01/24/21 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*68 - 120*		*01/24/21 06:18*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*01/24/21 06:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 128*		*01/24/21 06:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/24/21 06:18*	*1*

Client Sample ID: NON PROGRAM WELL DUP
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 06:44	1
Benzene	**0.32**	**J**	0.50	0.27	ug/L			01/24/21 06:44	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 06:44	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 06:44	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 06:44	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 06:44	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 06:44	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 06:44	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 06:44	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 06:44	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 06:44	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 06:44	1
Chloroform	**0.38**	**J**	0.50	0.28	ug/L			01/24/21 06:44	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 06:44	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 06:44	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 06:44	1
c-1,2-Dichloroethene	**5.9**		0.50	0.30	ug/L			01/24/21 06:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: NON PROGRAM WELL DUP
Lab Sample ID: 570-48818-2
Date Collected: 01/19/21 00:00
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 06:44	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 06:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 06:44	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 06:44	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 06:44	1
1,2-Dichlorobenzene	ND	*+	0.50	0.23	ug/L			01/24/21 06:44	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 06:44	1
1,4-Dichlorobenzene	ND	*+	0.50	0.22	ug/L			01/24/21 06:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 06:44	1
1,1-Dichloroethane	**6.7**		0.50	0.35	ug/L			01/24/21 06:44	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 06:44	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 06:44	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 06:44	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 06:44	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 06:44	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 06:44	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 06:44	1
Ethanol	ND		50	38	ug/L			01/24/21 06:44	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 06:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 06:44	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 06:44	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 06:44	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 06:44	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 06:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 06:44	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 06:44	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 06:44	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 06:44	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 06:44	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 06:44	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 06:44	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 06:44	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 06:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 06:44	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 06:44	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 06:44	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 06:44	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 06:44	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 06:44	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 06:44	1
t-1,2-Dichloroethene	**0.53**		0.50	0.36	ug/L			01/24/21 06:44	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 06:44	1
1,2,3-Trichlorobenzene	ND	*+	0.50	0.28	ug/L			01/24/21 06:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 06:44	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 06:44	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 06:44	1
Trichloroethene	**15**		0.50	0.29	ug/L			01/24/21 06:44	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 06:44	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 06:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: NON PROGRAM WELL DUP
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 06:44	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 06:44	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 06:44	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 06:44	1
Vinyl chloride	**11**		0.50	0.40	ug/L			01/24/21 06:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 120*		*01/24/21 06:44*	*1*
Dibromofluoromethane	*92*		*80 - 127*		*01/24/21 06:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 128*		*01/24/21 06:44*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/24/21 06:44*	*1*

Client Sample ID: QCTB
Date Collected: 01/19/21 07:05
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 05:27	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 05:27	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 05:27	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 05:27	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 05:27	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 05:27	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 05:27	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 05:27	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 05:27	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 05:27	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 05:27	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 05:27	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 05:27	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 05:27	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 05:27	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 05:27	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 05:27	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 05:27	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 05:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 05:27	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 05:27	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 05:27	1
1,2-Dichlorobenzene	ND	*+	0.50	0.23	ug/L			01/24/21 05:27	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 05:27	1
1,4-Dichlorobenzene	ND	*+	0.50	0.22	ug/L			01/24/21 05:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 05:27	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 05:27	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 05:27	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 05:27	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 05:27	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 05:27	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 05:27	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 05:27	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 05:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 01/19/21 07:05
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		50	38	ug/L			01/24/21 05:27	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 05:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 05:27	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 05:27	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 05:27	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 05:27	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 05:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 05:27	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 05:27	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 05:27	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 05:27	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 05:27	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 05:27	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 05:27	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 05:27	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 05:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 05:27	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 05:27	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 05:27	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 05:27	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 05:27	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 05:27	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 05:27	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 05:27	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 05:27	1
1,2,3-Trichlorobenzene	ND	*+	0.50	0.28	ug/L			01/24/21 05:27	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 05:27	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 05:27	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 05:27	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 05:27	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 05:27	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 05:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 05:27	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 05:27	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 05:27	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 05:27	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*01/24/21 05:27*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*01/24/21 05:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*		*01/24/21 05:27*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/24/21 05:27*	*1*

Client Sample ID: QCEB
Date Collected: 01/19/21 15:27
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 05:53	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 05:53	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 01/19/21 15:27
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 05:53	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 05:53	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 05:53	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 05:53	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 05:53	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 05:53	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 05:53	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 05:53	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 05:53	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 05:53	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 05:53	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 05:53	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 05:53	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 05:53	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 05:53	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 05:53	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 05:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 05:53	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 05:53	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 05:53	1
1,2-Dichlorobenzene	ND	*+	0.50	0.23	ug/L			01/24/21 05:53	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 05:53	1
1,4-Dichlorobenzene	ND	*+	0.50	0.22	ug/L			01/24/21 05:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 05:53	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 05:53	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 05:53	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 05:53	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 05:53	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 05:53	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 05:53	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 05:53	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 05:53	1
Ethanol	ND		50	38	ug/L			01/24/21 05:53	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 05:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 05:53	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 05:53	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 05:53	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 05:53	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 05:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 05:53	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 05:53	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 05:53	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 05:53	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 05:53	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 05:53	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 05:53	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 05:53	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 05:53	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 05:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 01/19/21 15:27
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 05:53	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 05:53	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 05:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 05:53	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 05:53	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 05:53	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 05:53	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 05:53	1
1,2,3-Trichlorobenzene	ND	*+	0.50	0.28	ug/L			01/24/21 05:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 05:53	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 05:53	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 05:53	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 05:53	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 05:53	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 05:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 05:53	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 05:53	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 05:53	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 05:53	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*01/24/21 05:53*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*01/24/21 05:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 128*		*01/24/21 05:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/24/21 05:53*	*1*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: MW-22
Date Collected: 01/19/21 14:15
Date Received: 01/19/21 18:20
Lab Sample ID: 570-48818-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**4.0**		0.50	0.12	mg/L			01/20/21 14:14	5
Orthophosphate as P	ND		0.50	0.38	mg/L			01/20/21 14:14	5

Client Sample ID: NON PROGRAM WELL DUP
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 18:20
Lab Sample ID: 570-48818-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**3.7**		0.50	0.12	mg/L			01/20/21 14:33	5
Orthophosphate as P	ND		0.50	0.38	mg/L			01/20/21 14:33	5

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 300.0 - Anions, Ion Chromatography - DL

Client Sample ID: MW-22
Lab Sample ID: 570-48818-1
Date Collected: 01/19/21 14:15
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4800		100	36	mg/L			01/20/21 20:13	100
Sulfate	510		100	24	mg/L			01/20/21 20:13	100

Client Sample ID: NON PROGRAM WELL DUP
Lab Sample ID: 570-48818-2
Date Collected: 01/19/21 00:00
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4900		100	36	mg/L			01/20/21 20:32	100
Sulfate	510		100	24	mg/L			01/20/21 20:32	100

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: MW-22
Date Collected: 01/19/21 14:15
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	01/29/21 15:39	1
Barium	**0.107**		0.0100	0.00308	mg/L		01/27/21 16:30	01/29/21 15:39	1
Cadmium	**0.00378**	**J**	0.0100	0.00210	mg/L		01/27/21 16:30	01/29/21 15:39	1
Calcium	**669**		2.00	0.459	mg/L		01/27/21 16:30	01/29/21 15:39	1
Chromium	**0.0104**	**J**	0.0500	0.00688	mg/L		01/27/21 16:30	01/29/21 15:39	1
Copper	ND		0.0500	0.00614	mg/L		01/27/21 16:30	01/29/21 15:39	1
Iron	**0.128**	**J**	0.500	0.123	mg/L		01/27/21 16:30	01/29/21 15:39	1
Lead	**0.0212**	**J**	0.0500	0.00821	mg/L		01/27/21 16:30	01/29/21 15:39	1
Magnesium	**216**		0.500	0.0493	mg/L		01/27/21 16:30	01/29/21 15:39	1
Manganese	**0.333**		0.0500	0.00405	mg/L		01/27/21 16:30	01/29/21 15:39	1
Molybdenum	ND		0.0500	0.00509	mg/L		01/27/21 16:30	01/29/21 15:39	1
Nickel	**0.116**		0.0500	0.00784	mg/L		01/27/21 16:30	01/29/21 15:39	1
Potassium	**21.2**		2.00	0.240	mg/L		01/27/21 16:30	01/29/21 15:39	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	01/29/21 15:39	1
Silver	ND		0.0100	0.00298	mg/L		01/27/21 16:30	01/29/21 15:39	1
Vanadium	**0.00409**	**J**	0.0100	0.00297	mg/L		01/27/21 16:30	01/29/21 15:39	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	01/29/21 15:39	1

Client Sample ID: NON PROGRAM WELL DUP
Date Collected: 01/19/21 00:00
Date Received: 01/19/21 18:20

Lab Sample ID: 570-48818-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	01/29/21 15:42	1
Barium	**0.107**		0.0100	0.00308	mg/L		01/27/21 16:30	01/29/21 15:42	1
Cadmium	**0.00470**	**J**	0.0100	0.00210	mg/L		01/27/21 16:30	01/29/21 15:42	1
Calcium	**656**		2.00	0.459	mg/L		01/27/21 16:30	01/29/21 15:42	1
Chromium	**0.0106**	**J**	0.0500	0.00688	mg/L		01/27/21 16:30	01/29/21 15:42	1
Copper	ND		0.0500	0.00614	mg/L		01/27/21 16:30	01/29/21 15:42	1
Iron	**0.128**	**J**	0.500	0.123	mg/L		01/27/21 16:30	01/29/21 15:42	1
Lead	**0.0175**	**J**	0.0500	0.00821	mg/L		01/27/21 16:30	01/29/21 15:42	1
Magnesium	**214**		0.500	0.0493	mg/L		01/27/21 16:30	01/29/21 15:42	1
Manganese	**0.330**		0.0500	0.00405	mg/L		01/27/21 16:30	01/29/21 15:42	1
Molybdenum	ND		0.0500	0.00509	mg/L		01/27/21 16:30	01/29/21 15:42	1
Nickel	**0.117**		0.0500	0.00784	mg/L		01/27/21 16:30	01/29/21 15:42	1
Potassium	**21.0**		2.00	0.240	mg/L		01/27/21 16:30	01/29/21 15:42	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	01/29/21 15:42	1
Silver	**0.00302**	**J**	0.0100	0.00298	mg/L		01/27/21 16:30	01/29/21 15:42	1
Vanadium	**0.00457**	**J**	0.0100	0.00297	mg/L		01/27/21 16:30	01/29/21 15:42	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	01/29/21 15:42	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 6010B - Metals (ICP) - Dissolved - DL

Client Sample ID: MW-22
Lab Sample ID: 570-48818-1
Date Collected: 01/19/21 14:15
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**2550**		20.0	11.1	mg/L		01/27/21 16:30	02/01/21 13:44	10
Thallium	**0.174**	**J**	0.500	0.161	mg/L		01/27/21 16:30	02/01/21 13:44	10

Client Sample ID: NON PROGRAM WELL DUP
Lab Sample ID: 570-48818-2
Date Collected: 01/19/21 00:00
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**2540**		20.0	11.1	mg/L		01/27/21 16:30	02/01/21 13:46	10
Thallium	ND		0.500	0.161	mg/L		01/27/21 16:30	02/01/21 13:46	10

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: MW-22
Lab Sample ID: 570-48818-1
Date Collected: 01/19/21 14:15
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 12:30	1

Client Sample ID: NON PROGRAM WELL DUP
Lab Sample ID: 570-48818-2
Date Collected: 01/19/21 00:00
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 12:32	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

General Chemistry

Client Sample ID: MW-22
Lab Sample ID: 570-48818-1
Date Collected: 01/19/21 14:15
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**332**		5.00	1.69	mg/L			01/25/21 23:21	1
Bicarbonate (as CaCO3)	**332**		5.00	1.69	mg/L			01/25/21 23:21	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 23:21	1
Total Dissolved Solids	**9920**		2.00	1.74	mg/L			01/20/21 15:29	1

Client Sample ID: NON PROGRAM WELL DUP
Lab Sample ID: 570-48818-2
Date Collected: 01/19/21 00:00
Matrix: Water
Date Received: 01/19/21 18:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**338**		5.00	1.69	mg/L			01/25/21 23:27	1
Bicarbonate (as CaCO3)	**338**		5.00	1.69	mg/L			01/25/21 23:27	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 23:27	1
Total Dissolved Solids	**9950**		2.00	1.74	mg/L			01/20/21 15:29	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-48818-1	MW-22	96	95	94	98
570-48818-2	NON PROGRAM WELL DUP	91	92	93	99
570-48818-3	QCTB	94	95	96	97
570-48818-4	QCEB	93	95	93	99
LCS 570-124261/3	Lab Control Sample	102	99	96	99
LCSD 570-124261/4	Lab Control Sample Dup	97	99	96	98
MB 570-124261/7	Method Blank	90	93	93	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-124261/7
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 04:36	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 04:36	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 04:36	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 04:36	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 04:36	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 04:36	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 04:36	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 04:36	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 04:36	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 04:36	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 04:36	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 04:36	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 04:36	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 04:36	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 04:36	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 04:36	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 04:36	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 04:36	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 04:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 04:36	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 04:36	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 04:36	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 04:36	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 04:36	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 04:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 04:36	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 04:36	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 04:36	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 04:36	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 04:36	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 04:36	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 04:36	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 04:36	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 04:36	1
Ethanol	ND		50	38	ug/L			01/24/21 04:36	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 04:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 04:36	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 04:36	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 04:36	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 04:36	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 04:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 04:36	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 04:36	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 04:36	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 04:36	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 04:36	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 04:36	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 04:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124261/7
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 04:36	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 04:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 04:36	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 04:36	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 04:36	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 04:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 04:36	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 04:36	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 04:36	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 04:36	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 04:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 04:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 04:36	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 04:36	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 04:36	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 04:36	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 04:36	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 04:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 04:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 04:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 04:36	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 04:36	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 04:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*01/24/21 04:36*	*1*
Dibromofluoromethane	*93*		*80 - 127*		*01/24/21 04:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 128*		*01/24/21 04:36*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/24/21 04:36*	*1*

Lab Sample ID: LCS 570-124261/3
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.44		ug/L		104	80 - 120
Carbon tetrachloride	10.0	10.76		ug/L		108	75 - 142
Chlorobenzene	10.0	10.94		ug/L		109	80 - 120
1,2-Dibromoethane	10.0	10.48		ug/L		105	80 - 120
1,2-Dichlorobenzene	10.0	10.59		ug/L		106	80 - 120
1,2-Dichloroethane	10.0	10.35		ug/L		103	80 - 123
1,1-Dichloroethene	10.0	10.22		ug/L		102	74 - 128
Di-isopropyl ether (DIPE)	10.0	9.445		ug/L		94	74 - 126
Ethanol	200	263.7		ug/L		132	50 - 142
Ethylbenzene	10.0	10.86		ug/L		109	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.285		ug/L		93	60 - 126
Methyl-t-Butyl Ether (MTBE)	10.0	9.508		ug/L		95	70 - 121
m,p-Xylene	20.0	21.73		ug/L		109	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124261/3
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	10.47		ug/L		105	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	9.988		ug/L		100	80 - 121		
tert-Butyl alcohol (TBA)			100	119.9		ug/L		120	77 - 124		
Toluene			10.0	10.79		ug/L		108	80 - 120		
Trichloroethene			10.0	10.91		ug/L		109	80 - 120		
Vinyl chloride			10.0	9.460		ug/L		95	72 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-124261/4
Matrix: Water
Analysis Batch: 124261

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.30		ug/L		103	80 - 120	1	20
Carbon tetrachloride			10.0	10.14		ug/L		101	75 - 142	6	20
Chlorobenzene			10.0	10.99		ug/L		110	80 - 120	0	20
1,2-Dibromoethane			10.0	10.67		ug/L		107	80 - 120	2	20
1,2-Dichlorobenzene			10.0	12.34	*+ me	ug/L		123	80 - 120	15	20
1,2-Dichloroethane			10.0	10.44		ug/L		104	80 - 123	1	20
1,1-Dichloroethene			10.0	9.660		ug/L		97	74 - 128	6	20
Di-isopropyl ether (DIPE)			10.0	9.318		ug/L		93	74 - 126	1	20
Ethanol			200	280.2		ug/L		140	50 - 142	6	30
Ethylbenzene			10.0	10.82		ug/L		108	80 - 120	0	20
Ethyl-t-butyl ether (ETBE)			10.0	9.117		ug/L		91	60 - 126	2	20
Methyl-t-Butyl Ether (MTBE)			10.0	9.335		ug/L		93	70 - 121	2	20
m,p-Xylene			20.0	21.97		ug/L		110	80 - 120	1	20
o-Xylene			10.0	10.66		ug/L		107	80 - 120	2	20
Tert-amyl-methyl ether (TAME)			10.0	10.09		ug/L		101	80 - 121	1	20
tert-Butyl alcohol (TBA)			100	121.5		ug/L		122	77 - 124	1	23
Toluene			10.0	10.60		ug/L		106	80 - 120	2	20
Trichloroethene			10.0	10.80		ug/L		108	80 - 120	1	20
Vinyl chloride			10.0	9.094		ug/L		91	72 - 126	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-123386/5
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			01/20/21 11:05	1
Orthophosphate as P	ND		0.10	0.076	mg/L			01/20/21 11:05	1

Lab Sample ID: LCS 570-123386/6
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	5.00	4.959		mg/L		99	90 - 110
Orthophosphate as P	2.50	2.462		mg/L		98	90 - 110

Lab Sample ID: LCSD 570-123386/7
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	5.00	4.967		mg/L		99	90 - 110	0	15
Orthophosphate as P	2.50	2.382		mg/L		95	90 - 110	3	15

Lab Sample ID: 570-48815-D-5 MS
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	13		5.00	17.38		mg/L		97	80 - 120
Orthophosphate as P	ND	F1	2.50	3.714	F1	mg/L		149	80 - 120

Lab Sample ID: 570-48815-D-5 MSD
Matrix: Water
Analysis Batch: 123386

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	13		5.00	17.32		mg/L		96	80 - 120	0	20
Orthophosphate as P	ND	F1	2.50	3.801	F1	mg/L		152	80 - 120	2	20

Lab Sample ID: MB 570-123387/5
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			01/20/21 11:05	1
Sulfate	ND		1.0	0.24	mg/L			01/20/21 11:05	1

Lab Sample ID: LCS 570-123387/6
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.21		mg/L		100	90 - 110
Sulfate	50.0	49.67		mg/L		99	90 - 110

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 570-123387/7
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			50.0	50.22		mg/L		100	90 - 110	0	15
Sulfate			50.0	49.53		mg/L		99	90 - 110	0	15

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 570-48815-D-5 MS
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride - DL	4000		50.0	4017	4	mg/L		74	80 - 120		
Sulfate - DL	440		50.0	485.7	4	mg/L		88	80 - 120		

Lab Sample ID: 570-48815-D-5 MSD
Matrix: Water
Analysis Batch: 123387

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride - DL	4000		50.0	3980	4	mg/L		-0.5	80 - 120	1	20
Sulfate - DL	440		50.0	483.4	4	mg/L		84	80 - 120	0	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-125105/1-A
Matrix: Water
Analysis Batch: 126071

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 125105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/27/21 16:30	02/01/21 13:32	1
Barium	ND		0.0100	0.00308	mg/L		01/27/21 16:30	02/01/21 13:32	1
Cadmium	ND		0.0100	0.00210	mg/L		01/27/21 16:30	02/01/21 13:32	1
Calcium	ND		2.00	0.459	mg/L		01/27/21 16:30	02/01/21 13:32	1
Chromium	ND		0.0500	0.00688	mg/L		01/27/21 16:30	02/01/21 13:32	1
Copper	ND		0.0500	0.00614	mg/L		01/27/21 16:30	02/01/21 13:32	1
Iron	ND		0.500	0.123	mg/L		01/27/21 16:30	02/01/21 13:32	1
Lead	ND		0.0500	0.00821	mg/L		01/27/21 16:30	02/01/21 13:32	1
Magnesium	ND		0.500	0.0493	mg/L		01/27/21 16:30	02/01/21 13:32	1
Manganese	ND		0.0500	0.00405	mg/L		01/27/21 16:30	02/01/21 13:32	1
Molybdenum	ND		0.0500	0.00509	mg/L		01/27/21 16:30	02/01/21 13:32	1
Nickel	ND		0.0500	0.00784	mg/L		01/27/21 16:30	02/01/21 13:32	1
Potassium	ND		2.00	0.240	mg/L		01/27/21 16:30	02/01/21 13:32	1
Selenium	ND		0.100	0.0244	mg/L		01/27/21 16:30	02/01/21 13:32	1
Silver	ND		0.0100	0.00298	mg/L		01/27/21 16:30	02/01/21 13:32	1
Sodium	ND		2.00	1.11	mg/L		01/27/21 16:30	02/01/21 13:32	1
Thallium	ND		0.0500	0.0161	mg/L		01/27/21 16:30	02/01/21 13:32	1
Vanadium	ND		0.0100	0.00297	mg/L		01/27/21 16:30	02/01/21 13:32	1
Zinc	ND		0.250	0.0682	mg/L		01/27/21 16:30	02/01/21 13:32	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-125105/2-A
Matrix: Water
Analysis Batch: 125699

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 125105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.500	0.4657		mg/L		93	80 - 120
Barium	0.500	0.5198		mg/L		104	80 - 120
Cadmium	0.500	0.4809		mg/L		96	80 - 120
Calcium	0.500	0.5168	J	mg/L		103	80 - 120
Chromium	0.500	0.4996		mg/L		100	80 - 120
Copper	0.500	0.5418		mg/L		108	80 - 120
Iron	0.500	0.5089		mg/L		102	80 - 120
Lead	0.500	0.4930		mg/L		99	80 - 120
Magnesium	0.500	0.5063		mg/L		101	80 - 120
Manganese	0.500	0.4792		mg/L		96	80 - 120
Molybdenum	0.500	0.4692		mg/L		94	80 - 120
Nickel	0.500	0.5013		mg/L		100	80 - 120
Potassium	5.00	4.685		mg/L		94	80 - 120
Selenium	0.500	0.4410		mg/L		88	80 - 120
Silver	0.250	0.2477		mg/L		99	80 - 120
Sodium	5.00	5.025		mg/L		101	80 - 120
Thallium	0.500	0.4427		mg/L		89	80 - 120
Vanadium	0.500	0.5040		mg/L		101	80 - 120
Zinc	0.500	0.4907		mg/L		98	80 - 120

Lab Sample ID: LCSD 570-125105/3-A
Matrix: Water
Analysis Batch: 125699

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 125105

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.500	0.4568		mg/L		91	80 - 120	2	20
Barium	0.500	0.5213		mg/L		104	80 - 120	0	20
Cadmium	0.500	0.4863		mg/L		97	80 - 120	1	20
Calcium	0.500	0.5131	J	mg/L		103	80 - 120	1	20
Chromium	0.500	0.5013		mg/L		100	80 - 120	0	20
Copper	0.500	0.5440		mg/L		109	80 - 120	0	20
Iron	0.500	0.5115		mg/L		102	80 - 120	1	20
Lead	0.500	0.4979		mg/L		100	80 - 120	1	20
Magnesium	0.500	0.5088		mg/L		102	80 - 120	0	20
Manganese	0.500	0.4813		mg/L		96	80 - 120	0	20
Molybdenum	0.500	0.4812		mg/L		96	80 - 120	3	20
Nickel	0.500	0.5056		mg/L		101	80 - 120	1	20
Potassium	5.00	4.769		mg/L		95	80 - 120	2	20
Selenium	0.500	0.4636		mg/L		93	80 - 120	5	20
Silver	0.250	0.2489		mg/L		100	80 - 120	0	20
Sodium	5.00	5.103		mg/L		102	80 - 120	2	20
Thallium	0.500	0.4463		mg/L		89	80 - 120	1	20
Vanadium	0.500	0.5045		mg/L		101	80 - 120	0	20
Zinc	0.500	0.4917		mg/L		98	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-48815-E-5-B MS
Matrix: Water
Analysis Batch: 125699

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		0.500	0.4883		mg/L		98	80 - 140
Barium	0.0482		0.500	0.5919		mg/L		109	87 - 123
Cadmium	0.00435	J	0.500	0.4942		mg/L		98	82 - 124
Calcium	541		0.500	529.8	4	mg/L		-2256	77 - 113
Chromium	0.00852	J	0.500	0.5241		mg/L		103	86 - 122
Copper	ND		0.500	0.5972		mg/L		119	78 - 126
Iron	ND		0.500	0.5718		mg/L		114	65 - 149
Lead	0.0188	J	0.500	0.5072		mg/L		98	84 - 120
Magnesium	107		0.500	105.6	4	mg/L		-213	56 - 140
Manganese	0.00520	J	0.500	0.4943		mg/L		98	86 - 116
Molybdenum	0.0565		0.500	0.5275		mg/L		94	78 - 126
Nickel	1.49		0.500	1.939		mg/L		91	84 - 120
Potassium	16.1		5.00	21.71		mg/L		111	83 - 131
Selenium	ND		0.500	0.5265		mg/L		105	79 - 127
Silver	ND		0.250	0.2867		mg/L		115	86 - 128
Thallium	ND	F1	0.500	0.3847	F1	mg/L		77	79 - 121
Vanadium	ND		0.500	0.5464		mg/L		109	88 - 118
Zinc	ND		0.500	0.4898		mg/L		98	89 - 131

Lab Sample ID: 570-48815-E-5-C MSD
Matrix: Water
Analysis Batch: 125699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5089		mg/L		102	80 - 140	4	11
Barium	0.0482		0.500	0.5907		mg/L		108	87 - 123	0	6
Cadmium	0.00435	J	0.500	0.4958		mg/L		98	82 - 124	0	7
Calcium	541		0.500	532.2	4	mg/L		-1772	77 - 113	0	11
Chromium	0.00852	J	0.500	0.5284		mg/L		104	86 - 122	1	8
Copper	ND		0.500	0.6007		mg/L		120	78 - 126	1	7
Iron	ND		0.500	0.5807		mg/L		116	65 - 149	2	21
Lead	0.0188	J	0.500	0.5102		mg/L		98	84 - 120	1	7
Magnesium	107		0.500	105.3	4	mg/L		-278	56 - 140	0	11
Manganese	0.00520	J	0.500	0.4956		mg/L		98	86 - 116	0	7
Molybdenum	0.0565		0.500	0.5474		mg/L		98	78 - 126	4	7
Nickel	1.49		0.500	1.943		mg/L		91	84 - 120	0	7
Potassium	16.1		5.00	21.76		mg/L		112	83 - 131	0	7
Selenium	ND		0.500	0.5232		mg/L		105	79 - 127	1	9
Silver	ND		0.250	0.2863		mg/L		115	86 - 128	0	7
Thallium	ND	F1	0.500	0.3919	F1	mg/L		78	79 - 121	2	8
Vanadium	ND		0.500	0.5477		mg/L		110	88 - 118	0	7
Zinc	ND		0.500	0.4906		mg/L		98	89 - 131	0	8

Method: 6010B - Metals (ICP) - DL

Lab Sample ID: 570-48815-E-5-B MS ^10
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 126071
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium - DL	1960		5.00	1972	4	mg/L		219	73 - 127

Lab Sample ID: 570-48815-E-5-C MSD ^10
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 126071
Prep Batch: 125105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sodium - DL	1960		5.00	1990	4	mg/L		576	73 - 127	1	9

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-125397/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 125575
Prep Batch: 125397

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/28/21 17:40	01/29/21 11:45	1

Lab Sample ID: LCS 570-125397/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 125575
Prep Batch: 125397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.009405		mg/L		94	80 - 120

Lab Sample ID: LCSD 570-125397/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 125575
Prep Batch: 125397

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.009326		mg/L		93	80 - 120	1	20

Lab Sample ID: 570-48815-E-5-E MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 125575
Prep Batch: 125397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000966		0.0100	0.006842		mg/L		59	55 - 133

Lab Sample ID: 570-48815-E-5-F MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 125575
Prep Batch: 125397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000966		0.0100	0.006778		mg/L		58	55 - 133	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-124613/10
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1
Bicarbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1

Lab Sample ID: LCS 570-124613/8
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity, Total (As CaCO3)			100	94.35		mg/L		94	80 - 120		

Lab Sample ID: LCSD 570-124613/9
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	95.83		mg/L		96	80 - 120	2	20

Lab Sample ID: 570-48815-A-5 DU
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	134			133.8		mg/L				0.3	25
Bicarbonate (as CaCO3)	134			133.8		mg/L				0.3	25
Carbonate (as CaCO3)	ND			ND		mg/L				NC	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-123519/1
Matrix: Water
Analysis Batch: 123519

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		0.400	0.348	mg/L			01/20/21 15:29	1

Lab Sample ID: LCS 570-123519/2
Matrix: Water
Analysis Batch: 123519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			100	102.5		mg/L		103	84 - 108		

Lab Sample ID: LCSD 570-123519/3
Matrix: Water
Analysis Batch: 123519

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids			100	100.0		mg/L		100	84 - 108	2	10

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 570-48815-F-5 DU
Matrix: Water
Analysis Batch: 123519

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	7900			8160		mg/L				3	10

Marginal Exceedance (ME) Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-124261/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Benzene	10.0	10.30		ug/L	103	80 - 120	73 - 127	
Carbon tetrachloride	10.0	10.14		ug/L	101	75 - 142	64 - 153	
Chlorobenzene	10.0	10.99		ug/L	110	80 - 120	73 - 127	
1,2-Dibromoethane	10.0	10.67		ug/L	107	80 - 120	73 - 127	
1,2-Dichlorobenzene	10.0	12.34	*+ me	ug/L	123	80 - 120	73 - 127	ME
1,2-Dichloroethane	10.0	10.44		ug/L	104	80 - 123	73 - 130	
1,1-Dichloroethene	10.0	9.660		ug/L	97	74 - 128	65 - 137	
Di-isopropyl ether (DIPE)	10.0	9.318		ug/L	93	74 - 126	65 - 135	
Ethanol	200	280.2		ug/L	140	50 - 142	35 - 157	
Ethylbenzene	10.0	10.82		ug/L	108	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	10.0	9.117		ug/L	91	60 - 126	49 - 137	
Methyl-t-Butyl Ether (MTBE)	10.0	9.335		ug/L	93	70 - 121	62 - 130	
m,p-Xylene	20.0	21.97		ug/L	110	80 - 120	73 - 127	
o-Xylene	10.0	10.66		ug/L	107	80 - 120	73 - 127	
Tert-amyl-methyl ether (TAME)	10.0	10.09		ug/L	101	80 - 121	73 - 128	
tert-Butyl alcohol (TBA)	100	121.5		ug/L	122	77 - 124	69 - 132	
Toluene	10.0	10.60		ug/L	106	80 - 120	73 - 127	
Trichloroethene	10.0	10.80		ug/L	108	80 - 120	73 - 127	
Vinyl chloride	10.0	9.094		ug/L	91	72 - 126	63 - 135	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
19	1	1

ME = Marginal Exceedance

GC/MS VOA

Analysis Batch: 124261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Total/NA	Water	8260B	
570-48818-2	NON PROGRAM WELL DUP	Total/NA	Water	8260B	
570-48818-3	QCTB	Total/NA	Water	8260B	
570-48818-4	QCEB	Total/NA	Water	8260B	
MB 570-124261/7	Method Blank	Total/NA	Water	8260B	
LCS 570-124261/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-124261/4	Lab Control Sample Dup	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 123386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Total/NA	Water	300.0	
570-48818-2	NON PROGRAM WELL DUP	Total/NA	Water	300.0	
MB 570-123386/5	Method Blank	Total/NA	Water	300.0	
LCS 570-123386/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-123386/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48815-D-5 MS	Matrix Spike	Total/NA	Water	300.0	
570-48815-D-5 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 123387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1 - DL	MW-22	Total/NA	Water	300.0	
570-48818-2 - DL	NON PROGRAM WELL DUP	Total/NA	Water	300.0	
MB 570-123387/5	Method Blank	Total/NA	Water	300.0	
LCS 570-123387/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-123387/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48815-D-5 MS - DL	Matrix Spike	Total/NA	Water	300.0	
570-48815-D-5 MSD - DL	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 125105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Dissolved	Water	3005A	
570-48818-1 - DL	MW-22	Dissolved	Water	3005A	
570-48818-2 - DL	NON PROGRAM WELL DUP	Dissolved	Water	3005A	
570-48818-2	NON PROGRAM WELL DUP	Dissolved	Water	3005A	
MB 570-125105/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-125105/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-125105/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-48815-E-5-B MS	Matrix Spike	Dissolved	Water	3005A	
570-48815-E-5-B MS ^10 - D	Matrix Spike	Dissolved	Water	3005A	
570-48815-E-5-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	
570-48815-E-5-C MSD ^10 -	Matrix Spike Duplicate	Dissolved	Water	3005A	

Prep Batch: 125397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Dissolved	Water	7470A	
570-48818-2	NON PROGRAM WELL DUP	Dissolved	Water	7470A	
MB 570-125397/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-125397/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 125397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-125397/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-48815-E-5-E MS	Matrix Spike	Dissolved	Water	7470A	
570-48815-E-5-F MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Analysis Batch: 125575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Dissolved	Water	7470A	125397
570-48818-2	NON PROGRAM WELL DUP	Dissolved	Water	7470A	125397
MB 570-125397/1-A	Method Blank	Total/NA	Water	7470A	125397
LCS 570-125397/2-A	Lab Control Sample	Total/NA	Water	7470A	125397
LCSD 570-125397/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	125397
570-48815-E-5-E MS	Matrix Spike	Dissolved	Water	7470A	125397
570-48815-E-5-F MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	125397

Analysis Batch: 125699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Dissolved	Water	6010B	125105
570-48818-2	NON PROGRAM WELL DUP	Dissolved	Water	6010B	125105
LCS 570-125105/2-A	Lab Control Sample	Total Recoverable	Water	6010B	125105
LCSD 570-125105/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	125105
570-48815-E-5-B MS	Matrix Spike	Dissolved	Water	6010B	125105
570-48815-E-5-C MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	125105

Analysis Batch: 126071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1 - DL	MW-22	Dissolved	Water	6010B	125105
570-48818-2 - DL	NON PROGRAM WELL DUP	Dissolved	Water	6010B	125105
MB 570-125105/1-A	Method Blank	Total Recoverable	Water	6010B	125105
570-48815-E-5-B MS ^10 - D	Matrix Spike	Dissolved	Water	6010B	125105
570-48815-E-5-C MSD ^10 -	Matrix Spike Duplicate	Dissolved	Water	6010B	125105

General Chemistry

Analysis Batch: 123519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Total/NA	Water	SM 2540C	
570-48818-2	NON PROGRAM WELL DUP	Total/NA	Water	SM 2540C	
MB 570-123519/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-123519/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-123519/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-48815-F-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 124613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48818-1	MW-22	Total/NA	Water	SM 2320B	
570-48818-2	NON PROGRAM WELL DUP	Total/NA	Water	SM 2320B	
MB 570-124613/10	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-124613/8	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-124613/9	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-48815-A-5 DU	Duplicate	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Client Sample ID: MW-22
Lab Sample ID: 570-48818-1
Date Collected: 01/19/21 14:15
Matrix: Water
Date Received: 01/19/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124261	01/24/21 06:18	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		5			123386	01/20/21 14:14	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL	100			123387	01/20/21 20:13	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			125699	01/29/21 15:39	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126071	02/01/21 13:44	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	125397	01/28/21 17:40	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125575	01/29/21 12:30	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 23:21	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123519	01/20/21 15:29	FD2W	ECL 1
	Instrument ID: BAL87									

Client Sample ID: NON PROGRAM WELL DUP
Lab Sample ID: 570-48818-2
Date Collected: 01/19/21 00:00
Matrix: Water
Date Received: 01/19/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124261	01/24/21 06:44	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		5			123386	01/20/21 14:33	URMH	ECL 1
	Instrument ID: IC9									
Total/NA	Analysis	300.0	DL	100			123387	01/20/21 20:32	URMH	ECL 1
	Instrument ID: IC9									
Dissolved	Prep	3005A			50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			125699	01/29/21 15:42	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125105	01/27/21 16:30	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126071	02/01/21 13:46	ULPF	ECL 1
	Instrument ID: ICP8									
Dissolved	Prep	7470A			50 mL	100 mL	125397	01/28/21 17:40	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125575	01/29/21 12:32	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 23:27	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123519	01/20/21 15:29	FD2W	ECL 1
	Instrument ID: BAL87									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Client Sample ID: QCTB
Lab Sample ID: 570-48818-3
Date Collected: 01/19/21 07:05
Matrix: Water
Date Received: 01/19/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124261	01/24/21 05:27	OH1	ECL 2
	Instrument ID: GCMSVV									

Client Sample ID: QCEB
Lab Sample ID: 570-48818-4
Date Collected: 01/19/21 15:27
Matrix: Water
Date Received: 01/19/21 18:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124261	01/24/21 05:53	OH1	ECL 2
	Instrument ID: GCMSVV									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48818-1
Project/Site: Omar Former Rendering Plant-Non Program Well

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-48818-1	MW-22	Water	01/19/21 14:15	01/19/21 18:20	
570-48818-2	NON PROGRAM WELL DUP	Water	01/19/21 00:00	01/19/21 18:20	
570-48818-3	QCTB	Water	01/19/21 07:05	01/19/21 18:20	
570-48818-4	QCEB	Water	01/19/21 15:27	01/19/21 18:20	

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL. (714) 895-5494 FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

WO #/ LAB USE ONLY: ☐☐-☐☐☐☐

DATE 1-19-2021 DS
PAGE 1 OF 2 1

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL. 619-573-3515 E-MAIL. tracy.rich@aptim com

CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant -NON PROGRAM WELLS
P.O. NO. PO# 215324/Task#102405
PROJECT CONTACT: Tracy Rich
SAMPLER(S): (PRINT) BBC ENV

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ 10 DAYS
✠ COELT EDF
GLOBAL ID: L10003156547
LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3)
Note1 As,Ba,Cd Cr,Cu Pb,Hg Mo Ni Se,Ag,Tl,V,Zn
Note 2. Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total, HCO3, CO3), EPA 300 0 Anions (Chloride Sulfate Nitrate o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs
1	MW-22	1/19/21	1415	W	7	3	4	1	X	X	X	X	X	~~X~~ 8
2	~~NON PROGRAM WELL~~	1/19/21	—	W	7	3	4	1	X	X	X	X	X	~~X~~ DS
3	QCTB ~~QTC~~ DS	1/19/21	0705	W	2		2						X	
4	QCEB	1/19/21	1527	W	3		3						X	
5														
6														
7														
8														
9														
10														

Containers
* NO SVOCs THESE SAMPLES
2x250mL Poly-SM2320B, EPA 300 0
1L Poly-SM 2540C TDS
250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd)
3x40mL VOA vials with HCl EPA 8260B. Collect 6 vials from one of the wells for MS/MSD.
1L Amber Glass 8270C SVOCs. Collect 3 ambers from one the wells for MS/MSD.

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EQ	Date: 1/19/2021	Time: 1540
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Dannyle G	Date: 01/19/21	Time: 1820
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

4.4/3.3 SC6

08/10/16 Revision

570-48818 Chain of Custody

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-48818-1

Login Number: 48818
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-48929-1
Client Project/Site: OMAR Former Rendering Plant

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
2/3/2021 4:35:50 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 6
Client Sample Results 10
Surrogate Summary 35
QC Sample Results 36
QC Association Summary 49
Lab Chronicle 53
Certification Summary 58
Method Summary 59
Sample Summary 60
Chain of Custody 61
Receipt Checklists 63

Definitions/Glossary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
H	Sample was prepped or analyzed beyond the specified holding time

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

Job ID: 570-48929-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-48929-1

Comments
No additional comments.

Receipt
The samples were received on 1/20/2021 6:50 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.4º C and 3.6º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-124265.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: TPMW-01 (570-48929-1). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-124974.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-124974 recovered outside control limits for the following analytes: 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene and Bromoform.

Unless there is a specific client QAPP requirement, the reported analyte list for batch quality control samples (LCS, LCSD, MS, and MSD) is in accordance with EPA Method <METHOD>. Refer to the QC Sample Results section of this report.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
Method 300.0: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 570-123955 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: Reanalysis of the following samples were performed outside of the analytical holding time due to dilution requirement : MW-20 (570-48929-2), MW-16 (570-48929-3), MW-24 (570-48929-7), MW-23 (570-48929-8) and MW-21R (570-48929-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: Due to the high concentration of Calcium, Magnesium and Sodium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-125645 and analytical batch 570-126248 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 6010B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-125645 and analytical batch 570-126248 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-125652 and analytical batch 570-125973 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 570-48929-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

Client Sample ID: TPMW-01
Lab Sample ID: 570-48929-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
c-1,2-Dichloroethene	0.66	J	1.0	0.60	ug/L	2		8260B	Total/NA
Trichloroethene	6.3		1.0	0.58	ug/L	2		8260B	Total/NA
Nitrate as N	8.0		0.50	0.12	mg/L	5		300.0	Total/NA
Chloride - DL	3600		100	36	mg/L	100		300.0	Total/NA
Sulfate - DL	810		100	24	mg/L	100		300.0	Total/NA
Barium	0.318		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	626		2.00	0.459	mg/L	1		6010B	Dissolved
Iron	3.72		0.500	0.123	mg/L	1		6010B	Dissolved
Magnesium	193		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	1.91		0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0167	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.0450	J	0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	5.34		2.00	0.240	mg/L	1		6010B	Dissolved
Vanadium	0.00907	J	0.0100	0.00297	mg/L	1		6010B	Dissolved
Sodium - DL	1530		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	499		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	499		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7940		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-20
Lab Sample ID: 570-48929-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.75		0.50	0.29	ug/L	1		8260B	Total/NA
1,1,2-Trichloroethane	0.28	J	0.50	0.085	ug/L	1		8260B	Total/NA
Trichloroethene	16		0.50	0.29	ug/L	1		8260B	Total/NA
Chloride - DL	6900		100	36	mg/L	100		300.0	Total/NA
Nitrate as N - DL	55	H	10	2.4	mg/L	100		300.0	Total/NA
Sulfate - DL	1700		100	24	mg/L	100		300.0	Total/NA
Barium	0.0455		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	786		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.171		0.0500	0.00688	mg/L	1		6010B	Dissolved
Magnesium	239		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.00449	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0168	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.109		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	8.26		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0364	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Vanadium	0.00888	J	0.0100	0.00297	mg/L	1		6010B	Dissolved
Sodium - DL	3130		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	466		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	466		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	13200		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-16
Lab Sample ID: 570-48929-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.49	J	0.50	0.28	ug/L	1		8260B	Total/NA
c-1,2-Dichloroethene	1.9		0.50	0.30	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.78		0.50	0.35	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.8		0.50	0.39	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.91		0.50	0.29	ug/L	1		8260B	Total/NA
1,1,2-Trichloroethane	0.37	J	0.50	0.085	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

Client Sample ID: MW-16 (Continued)
Lab Sample ID: 570-48929-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	28		0.50	0.29	ug/L	1		8260B	Total/NA
Chloride - DL	4500		100	36	mg/L	100		300.0	Total/NA
Nitrate as N - DL	67	H	10	2.4	mg/L	100		300.0	Total/NA
Sulfate - DL	1100		100	24	mg/L	100		300.0	Total/NA
Barium	0.0499		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	520		2.00	0.459	mg/L	1		6010B	Dissolved
Magnesium	172		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.0273	J	0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0110	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.0685		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	8.83		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0452	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Sodium - DL	2090		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	526		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	526		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9910		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: QCTB
Lab Sample ID: 570-48929-4

No Detections.

Client Sample ID: QCEB
Lab Sample ID: 570-48929-5

No Detections.

Client Sample ID: MW-18
Lab Sample ID: 570-48929-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.0		0.50	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	4.3		0.50	0.29	ug/L	1		8260B	Total/NA
Nitrate as N	30		1.0	0.24	mg/L	10		300.0	Total/NA
Chloride - DL	9300		200	72	mg/L	200		300.0	Total/NA
Sulfate - DL	1600		200	47	mg/L	200		300.0	Total/NA
Barium	0.0433		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	973		2.00	0.459	mg/L	1		6010B	Dissolved
Lead	0.00825	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	260		0.500	0.0493	mg/L	1		6010B	Dissolved
Molybdenum	0.0226	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.115		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	10.1		2.00	0.240	mg/L	1		6010B	Dissolved
Selenium	0.0627	J	0.100	0.0244	mg/L	1		6010B	Dissolved
Sodium - DL	4450		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	254		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	254		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	16600		4.00	3.48	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-24
Lab Sample ID: 570-48929-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	130		100	57	ug/L	200		8260B	Total/NA
1,1-Dichloroethane	270		100	71	ug/L	200		8260B	Total/NA
tert-Butyl alcohol (TBA)	3500		1000	800	ug/L	200		8260B	Total/NA
Trichloroethene	4200		100	58	ug/L	200		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-24 (Continued)
Lab Sample ID: 570-48929-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride - DL	9300		400	140	mg/L	400		300.0	Total/NA
Nitrate as N - DL	2500	H	40	9.6	mg/L	400		300.0	Total/NA
Sulfate - DL	2000		400	95	mg/L	400		300.0	Total/NA
Arsenic	0.0508	J	0.100	0.0181	mg/L	1		6010B	Dissolved
Barium	0.0943		0.0100	0.00308	mg/L	1		6010B	Dissolved
Chromium	0.139		0.0500	0.00688	mg/L	1		6010B	Dissolved
Lead	0.0198	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	306		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	0.844		0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0260	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	2.09		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	36.7		2.00	0.240	mg/L	1		6010B	Dissolved
Calcium - DL	2910		20.0	4.59	mg/L	10		6010B	Dissolved
Sodium - DL	4230		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	323		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	323		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	31500		4.00	3.48	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-23
Lab Sample ID: 570-48929-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7800		200	120	ug/L	400		8260B	Total/NA
Chloride - DL	3500		100	36	mg/L	100		300.0	Total/NA
Nitrate as N - DL	260	H	10	2.4	mg/L	100		300.0	Total/NA
Sulfate - DL	1600		100	24	mg/L	100		300.0	Total/NA
Arsenic	0.0238	J	0.100	0.0181	mg/L	1		6010B	Dissolved
Barium	0.0462		0.0100	0.00308	mg/L	1		6010B	Dissolved
Calcium	322		2.00	0.459	mg/L	1		6010B	Dissolved
Chromium	0.0689		0.0500	0.00688	mg/L	1		6010B	Dissolved
Magnesium	224		0.500	0.0493	mg/L	1		6010B	Dissolved
Molybdenum	0.314		0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.597		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	5.84		2.00	0.240	mg/L	1		6010B	Dissolved
Vanadium	0.138		0.0100	0.00297	mg/L	1		6010B	Dissolved
Sodium - DL	2310		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	656		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	656		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9050		2.00	1.74	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-21R
Lab Sample ID: 570-48929-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	140		100	57	ug/L	200		8260B	Total/NA
c-1,2-Dichloroethene	730		100	60	ug/L	200		8260B	Total/NA
1,1-Dichloroethane	340		100	71	ug/L	200		8260B	Total/NA
1,1-Dichloroethene	180		100	78	ug/L	200		8260B	Total/NA
tert-Butyl alcohol (TBA)	930	J	1000	800	ug/L	200		8260B	Total/NA
Tetrachloroethene	240		100	58	ug/L	200		8260B	Total/NA
1,1,2-Trichloroethane	100		100	17	ug/L	200		8260B	Total/NA
Trichloroethene	9300		100	58	ug/L	200		8260B	Total/NA
Chloride - DL	5300		200	72	mg/L	200		300.0	Total/NA
Nitrate as N - DL	720	H	20	4.8	mg/L	200		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-21R (Continued)
Lab Sample ID: 570-48929-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate - DL	1700		200	47	mg/L	200		300.0	Total/NA
Arsenic	0.0416	J	0.100	0.0181	mg/L	1		6010B	Dissolved
Barium	0.0652		0.0100	0.00308	mg/L	1		6010B	Dissolved
Copper	0.0336	J	0.0500	0.00614	mg/L	1		6010B	Dissolved
Lead	0.00841	J	0.0500	0.00821	mg/L	1		6010B	Dissolved
Magnesium	279		0.500	0.0493	mg/L	1		6010B	Dissolved
Manganese	4.17		0.0500	0.00405	mg/L	1		6010B	Dissolved
Molybdenum	0.0306	J	0.0500	0.00509	mg/L	1		6010B	Dissolved
Nickel	0.859		0.0500	0.00784	mg/L	1		6010B	Dissolved
Potassium	25.9		2.00	0.240	mg/L	1		6010B	Dissolved
Calcium - DL	1370		20.0	4.59	mg/L	10		6010B	Dissolved
Sodium - DL	2810		20.0	11.1	mg/L	10		6010B	Dissolved
Alkalinity, Total (As CaCO3)	703		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	703		5.00	1.69	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	12200		2.00	1.74	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		16	8.0	ug/L			01/27/21 18:32	2
Benzene	ND		1.0	0.53	ug/L			01/27/21 18:32	2
Bromobenzene	ND		1.0	0.52	ug/L			01/27/21 18:32	2
Bromochloromethane	ND		2.0	0.70	ug/L			01/27/21 18:32	2
Bromodichloromethane	ND		1.0	0.45	ug/L			01/27/21 18:32	2
Bromoform	ND	*1	1.0	0.78	ug/L			01/27/21 18:32	2
Bromomethane	ND		2.0	1.9	ug/L			01/27/21 18:32	2
2-Butanone	ND		10	6.1	ug/L			01/27/21 18:32	2
Carbon disulfide	ND		2.0	0.49	ug/L			01/27/21 18:32	2
Carbon tetrachloride	ND		1.0	0.54	ug/L			01/27/21 18:32	2
Chlorobenzene	ND		1.0	0.48	ug/L			01/27/21 18:32	2
Chloroethane	ND		1.0	0.88	ug/L			01/27/21 18:32	2
Chloroform	ND		1.0	0.57	ug/L			01/27/21 18:32	2
Chloromethane	ND		2.0	0.59	ug/L			01/27/21 18:32	2
2-Chlorotoluene	ND		1.0	0.62	ug/L			01/27/21 18:32	2
4-Chlorotoluene	ND		1.0	0.67	ug/L			01/27/21 18:32	2
c-1,2-Dichloroethene	**0.66**	**J**	1.0	0.60	ug/L			01/27/21 18:32	2
c-1,3-Dichloropropene	ND		1.0	0.38	ug/L			01/27/21 18:32	2
Dibromochloromethane	ND		1.0	0.54	ug/L			01/27/21 18:32	2
1,2-Dibromo-3-Chloropropane	ND		2.0	1.3	ug/L			01/27/21 18:32	2
1,2-Dibromoethane	ND		1.0	0.27	ug/L			01/27/21 18:32	2
Dibromomethane	ND		1.0	0.46	ug/L			01/27/21 18:32	2
1,2-Dichlorobenzene	ND		1.0	0.46	ug/L			01/27/21 18:32	2
1,3-Dichlorobenzene	ND		1.0	0.51	ug/L			01/27/21 18:32	2
1,4-Dichlorobenzene	ND		1.0	0.45	ug/L			01/27/21 18:32	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			01/27/21 18:32	2
1,1-Dichloroethane	ND		1.0	0.71	ug/L			01/27/21 18:32	2
1,2-Dichloroethane	ND		1.0	0.30	ug/L			01/27/21 18:32	2
1,1-Dichloroethene	ND		1.0	0.78	ug/L			01/27/21 18:32	2
1,2-Dichloropropane	ND		1.0	0.48	ug/L			01/27/21 18:32	2
1,3-Dichloropropane	ND		1.0	0.41	ug/L			01/27/21 18:32	2
2,2-Dichloropropane	ND		1.0	0.79	ug/L			01/27/21 18:32	2
1,1-Dichloropropene	ND		1.0	0.48	ug/L			01/27/21 18:32	2
Di-isopropyl ether (DIPE)	ND		1.0	0.29	ug/L			01/27/21 18:32	2
Ethanol	ND		100	76	ug/L			01/27/21 18:32	2
Ethylbenzene	ND		1.0	0.71	ug/L			01/27/21 18:32	2
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.55	ug/L			01/27/21 18:32	2
2-Hexanone	ND		12	8.6	ug/L			01/27/21 18:32	2
Isopropylbenzene	ND		1.0	0.77	ug/L			01/27/21 18:32	2
Methylene Chloride	ND		2.0	0.96	ug/L			01/27/21 18:32	2
4-Methyl-2-pentanone	ND		10	4.5	ug/L			01/27/21 18:32	2
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.41	ug/L			01/27/21 18:32	2
m,p-Xylene	ND		2.0	1.6	ug/L			01/27/21 18:32	2
Naphthalene	ND		2.0	0.64	ug/L			01/27/21 18:32	2
n-Butylbenzene	ND		1.0	0.59	ug/L			01/27/21 18:32	2
N-Propylbenzene	ND		1.0	0.78	ug/L			01/27/21 18:32	2
o-Xylene	ND		1.0	0.70	ug/L			01/27/21 18:32	2
p-Isopropyltoluene	ND		1.0	0.55	ug/L			01/27/21 18:32	2
sec-Butylbenzene	ND		1.0	0.68	ug/L			01/27/21 18:32	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.55	ug/L			01/27/21 18:32	2
Tert-amyl-methyl ether (TAME)	ND		1.0	0.42	ug/L			01/27/21 18:32	2
tert-Butyl alcohol (TBA)	ND		10	8.0	ug/L			01/27/21 18:32	2
tert-Butylbenzene	ND		1.0	0.68	ug/L			01/27/21 18:32	2
1,1,1,2-Tetrachloroethane	ND		1.0	0.51	ug/L			01/27/21 18:32	2
1,1,2,2-Tetrachloroethane	ND	*1	1.0	0.39	ug/L			01/27/21 18:32	2
Tetrachloroethene	ND		1.0	0.58	ug/L			01/27/21 18:32	2
Toluene	ND		1.0	0.66	ug/L			01/27/21 18:32	2
t-1,2-Dichloroethene	ND		1.0	0.72	ug/L			01/27/21 18:32	2
t-1,3-Dichloropropene	ND		1.0	0.35	ug/L			01/27/21 18:32	2
1,2,3-Trichlorobenzene	ND	*1	1.0	0.55	ug/L			01/27/21 18:32	2
1,2,4-Trichlorobenzene	ND		1.0	0.75	ug/L			01/27/21 18:32	2
1,1,1-Trichloroethane	ND		1.0	0.53	ug/L			01/27/21 18:32	2
1,1,2-Trichloroethane	ND		1.0	0.17	ug/L			01/27/21 18:32	2
Trichloroethene	**6.3**		1.0	0.58	ug/L			01/27/21 18:32	2
Trichlorofluoromethane	ND		1.0	0.59	ug/L			01/27/21 18:32	2
1,2,3-Trichloropropane	ND		1.0	0.64	ug/L			01/27/21 18:32	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			01/27/21 18:32	2
1,2,4-Trimethylbenzene	ND		1.0	0.57	ug/L			01/27/21 18:32	2
1,3,5-Trimethylbenzene	ND		1.0	0.57	ug/L			01/27/21 18:32	2
Vinyl acetate	ND		10	6.3	ug/L			01/27/21 18:32	2
Vinyl chloride	ND		1.0	0.80	ug/L			01/27/21 18:32	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*01/27/21 18:32*	*2*
Dibromofluoromethane	*98*		*80 - 127*		*01/27/21 18:32*	*2*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*01/27/21 18:32*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/27/21 18:32*	*2*

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 21:44	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 21:44	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 21:44	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 21:44	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 21:44	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 21:44	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 21:44	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 21:44	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 21:44	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 21:44	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 21:44	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 21:44	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 21:44	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 21:44	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 21:44	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 21:44	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 21:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 21:44	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 21:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 21:44	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 21:44	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 21:44	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 21:44	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 21:44	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 21:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 21:44	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 21:44	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 21:44	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 21:44	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 21:44	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 21:44	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 21:44	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 21:44	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 21:44	1
Ethanol	ND		50	38	ug/L			01/24/21 21:44	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 21:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 21:44	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 21:44	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 21:44	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 21:44	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 21:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 21:44	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 21:44	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 21:44	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 21:44	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 21:44	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 21:44	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 21:44	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 21:44	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 21:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 21:44	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 21:44	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 21:44	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 21:44	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 21:44	1
Tetrachloroethene	**0.75**		0.50	0.29	ug/L			01/24/21 21:44	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 21:44	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 21:44	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 21:44	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 21:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 21:44	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 21:44	1
1,1,2-Trichloroethane	**0.28**	**J**	0.50	0.085	ug/L			01/24/21 21:44	1
Trichloroethene	**16**		0.50	0.29	ug/L			01/24/21 21:44	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 21:44	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 21:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 21:44	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 21:44	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 21:44	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 21:44	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*		*01/24/21 21:44*	*1*
Dibromofluoromethane	*94*		*80 - 127*		*01/24/21 21:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*		*01/24/21 21:44*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/24/21 21:44*	*1*

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 22:10	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 22:10	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 22:10	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 22:10	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 22:10	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 22:10	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 22:10	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 22:10	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 22:10	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 22:10	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 22:10	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 22:10	1
Chloroform	**0.49**	**J**	0.50	0.28	ug/L			01/24/21 22:10	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 22:10	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 22:10	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 22:10	1
c-1,2-Dichloroethene	**1.9**		0.50	0.30	ug/L			01/24/21 22:10	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 22:10	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 22:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 22:10	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 22:10	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 22:10	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 22:10	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 22:10	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 22:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 22:10	1
1,1-Dichloroethane	**0.78**		0.50	0.35	ug/L			01/24/21 22:10	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 22:10	1
1,1-Dichloroethene	**2.8**		0.50	0.39	ug/L			01/24/21 22:10	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 22:10	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 22:10	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 22:10	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 22:10	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 22:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		50	38	ug/L			01/24/21 22:10	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 22:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 22:10	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 22:10	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 22:10	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 22:10	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 22:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 22:10	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 22:10	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 22:10	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 22:10	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 22:10	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 22:10	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 22:10	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 22:10	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 22:10	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 22:10	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 22:10	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 22:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 22:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 22:10	1
Tetrachloroethene	**0.91**		0.50	0.29	ug/L			01/24/21 22:10	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 22:10	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 22:10	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 22:10	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 22:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 22:10	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 22:10	1
1,1,2-Trichloroethane	**0.37**	**J**	0.50	0.085	ug/L			01/24/21 22:10	1
Trichloroethene	**28**		0.50	0.29	ug/L			01/24/21 22:10	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 22:10	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 22:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 22:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 22:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 22:10	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 22:10	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 120*		*01/24/21 22:10*	*1*
Dibromofluoromethane	*93*		*80 - 127*		*01/24/21 22:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*		*01/24/21 22:10*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*01/24/21 22:10*	*1*

Client Sample ID: QCTB
Date Collected: 01/20/21 07:00
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 17:03	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 17:03	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 01/20/21 07:00
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 17:03	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 17:03	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 17:03	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 17:03	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 17:03	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 17:03	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 17:03	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 17:03	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 17:03	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 17:03	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 17:03	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 17:03	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 17:03	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 17:03	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 17:03	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 17:03	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 17:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 17:03	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 17:03	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 17:03	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 17:03	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 17:03	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 17:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 17:03	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 17:03	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 17:03	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 17:03	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 17:03	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 17:03	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 17:03	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 17:03	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 17:03	1
Ethanol	ND		50	38	ug/L			01/24/21 17:03	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 17:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 17:03	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 17:03	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 17:03	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 17:03	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 17:03	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 17:03	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 17:03	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 17:03	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 17:03	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 17:03	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 17:03	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 17:03	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 17:03	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 17:03	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 17:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCTB
Date Collected: 01/20/21 07:00
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 17:03	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 17:03	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 17:03	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 17:03	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 17:03	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 17:03	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 17:03	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 17:03	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 17:03	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 17:03	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 17:03	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 17:03	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 17:03	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 17:03	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 17:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 17:03	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 17:03	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 17:03	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 17:03	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*01/24/21 17:03*	*1*
Dibromofluoromethane	*93*		*80 - 127*		*01/24/21 17:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 128*		*01/24/21 17:03*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/24/21 17:03*	*1*

Client Sample ID: QCEB
Date Collected: 01/20/21 15:38
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 17:28	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 17:28	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 17:28	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 17:28	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 17:28	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 17:28	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 17:28	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 17:28	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 17:28	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 17:28	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 17:28	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 17:28	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 17:28	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 17:28	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 17:28	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 17:28	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 17:28	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 17:28	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 17:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 01/20/21 15:38
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 17:28	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 17:28	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 17:28	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 17:28	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 17:28	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 17:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 17:28	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 17:28	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 17:28	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 17:28	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 17:28	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 17:28	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 17:28	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 17:28	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 17:28	1
Ethanol	ND		50	38	ug/L			01/24/21 17:28	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 17:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 17:28	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 17:28	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 17:28	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 17:28	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 17:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 17:28	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 17:28	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 17:28	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 17:28	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 17:28	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 17:28	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 17:28	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 17:28	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 17:28	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 17:28	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 17:28	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 17:28	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 17:28	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 17:28	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 17:28	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 17:28	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 17:28	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 17:28	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 17:28	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 17:28	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 17:28	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 17:28	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 17:28	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 17:28	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 17:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 17:28	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 17:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: QCEB
Date Collected: 01/20/21 15:38
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 17:28	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 17:28	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 120*		*01/24/21 17:28*	*1*
Dibromofluoromethane	*94*		*80 - 127*		*01/24/21 17:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 128*		*01/24/21 17:28*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/24/21 17:28*	*1*

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 22:36	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 22:36	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 22:36	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 22:36	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 22:36	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 22:36	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 22:36	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 22:36	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 22:36	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 22:36	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 22:36	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 22:36	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 22:36	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 22:36	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 22:36	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 22:36	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 22:36	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 22:36	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 22:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 22:36	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 22:36	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 22:36	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 22:36	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 22:36	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 22:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 22:36	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 22:36	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 22:36	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 22:36	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 22:36	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 22:36	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 22:36	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 22:36	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 22:36	1
Ethanol	ND		50	38	ug/L			01/24/21 22:36	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 22:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 22:36	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 22:36	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 22:36	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 22:36	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 22:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 22:36	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 22:36	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 22:36	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 22:36	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 22:36	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 22:36	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 22:36	1
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 22:36	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 22:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 22:36	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 22:36	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 22:36	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 22:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 22:36	1
Tetrachloroethene	**1.0**		0.50	0.29	ug/L			01/24/21 22:36	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 22:36	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 22:36	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 22:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 22:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 22:36	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 22:36	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 22:36	1
Trichloroethene	**4.3**		0.50	0.29	ug/L			01/24/21 22:36	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 22:36	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 22:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 22:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 22:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 22:36	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 22:36	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*01/24/21 22:36*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*01/24/21 22:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*		*01/24/21 22:36*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/24/21 22:36*	*1*

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1600	800	ug/L			01/24/21 23:01	200
Benzene	ND		100	53	ug/L			01/24/21 23:01	200
Bromobenzene	ND		100	52	ug/L			01/24/21 23:01	200
Bromochloromethane	ND		200	70	ug/L			01/24/21 23:01	200

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		100	45	ug/L			01/24/21 23:01	200
Bromoform	ND		100	78	ug/L			01/24/21 23:01	200
Bromomethane	ND		200	190	ug/L			01/24/21 23:01	200
2-Butanone	ND		1000	610	ug/L			01/24/21 23:01	200
Carbon disulfide	ND		200	49	ug/L			01/24/21 23:01	200
Carbon tetrachloride	ND		100	54	ug/L			01/24/21 23:01	200
Chlorobenzene	ND		100	48	ug/L			01/24/21 23:01	200
Chloroethane	ND		100	88	ug/L			01/24/21 23:01	200
Chloroform	**130**		100	57	ug/L			01/24/21 23:01	200
Chloromethane	ND		200	59	ug/L			01/24/21 23:01	200
2-Chlorotoluene	ND		100	62	ug/L			01/24/21 23:01	200
4-Chlorotoluene	ND		100	67	ug/L			01/24/21 23:01	200
c-1,2-Dichloroethene	ND		100	60	ug/L			01/24/21 23:01	200
c-1,3-Dichloropropene	ND		100	38	ug/L			01/24/21 23:01	200
Dibromochloromethane	ND		100	54	ug/L			01/24/21 23:01	200
1,2-Dibromo-3-Chloropropane	ND		200	130	ug/L			01/24/21 23:01	200
1,2-Dibromoethane	ND		100	27	ug/L			01/24/21 23:01	200
Dibromomethane	ND		100	46	ug/L			01/24/21 23:01	200
1,2-Dichlorobenzene	ND		100	46	ug/L			01/24/21 23:01	200
1,3-Dichlorobenzene	ND		100	51	ug/L			01/24/21 23:01	200
1,4-Dichlorobenzene	ND		100	45	ug/L			01/24/21 23:01	200
Dichlorodifluoromethane	ND		200	140	ug/L			01/24/21 23:01	200
1,1-Dichloroethane	**270**		100	71	ug/L			01/24/21 23:01	200
1,2-Dichloroethane	ND		100	30	ug/L			01/24/21 23:01	200
1,1-Dichloroethene	ND		100	78	ug/L			01/24/21 23:01	200
1,2-Dichloropropane	ND		100	48	ug/L			01/24/21 23:01	200
1,3-Dichloropropane	ND		100	41	ug/L			01/24/21 23:01	200
2,2-Dichloropropane	ND		100	79	ug/L			01/24/21 23:01	200
1,1-Dichloropropene	ND		100	48	ug/L			01/24/21 23:01	200
Di-isopropyl ether (DIPE)	ND		100	29	ug/L			01/24/21 23:01	200
Ethanol	ND		10000	7600	ug/L			01/24/21 23:01	200
Ethylbenzene	ND		100	71	ug/L			01/24/21 23:01	200
Ethyl-t-butyl ether (ETBE)	ND		100	55	ug/L			01/24/21 23:01	200
2-Hexanone	ND		1200	860	ug/L			01/24/21 23:01	200
Isopropylbenzene	ND		100	77	ug/L			01/24/21 23:01	200
Methylene Chloride	ND		200	96	ug/L			01/24/21 23:01	200
4-Methyl-2-pentanone	ND		1000	450	ug/L			01/24/21 23:01	200
Methyl-t-Butyl Ether (MTBE)	ND		100	41	ug/L			01/24/21 23:01	200
m,p-Xylene	ND		200	160	ug/L			01/24/21 23:01	200
Naphthalene	ND		200	64	ug/L			01/24/21 23:01	200
n-Butylbenzene	ND		100	59	ug/L			01/24/21 23:01	200
N-Propylbenzene	ND		100	78	ug/L			01/24/21 23:01	200
o-Xylene	ND		100	70	ug/L			01/24/21 23:01	200
p-Isopropyltoluene	ND		100	55	ug/L			01/24/21 23:01	200
sec-Butylbenzene	ND		100	68	ug/L			01/24/21 23:01	200
Styrene	ND		100	55	ug/L			01/24/21 23:01	200
Tert-amyl-methyl ether (TAME)	ND		100	42	ug/L			01/24/21 23:01	200
tert-Butyl alcohol (TBA)	**3500**		1000	800	ug/L			01/24/21 23:01	200
tert-Butylbenzene	ND		100	68	ug/L			01/24/21 23:01	200

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		100	51	ug/L			01/24/21 23:01	200
1,1,2,2-Tetrachloroethane	ND		100	39	ug/L			01/24/21 23:01	200
Tetrachloroethene	ND		100	58	ug/L			01/24/21 23:01	200
Toluene	ND		100	66	ug/L			01/24/21 23:01	200
t-1,2-Dichloroethene	ND		100	72	ug/L			01/24/21 23:01	200
t-1,3-Dichloropropene	ND		100	35	ug/L			01/24/21 23:01	200
1,2,3-Trichlorobenzene	ND		100	55	ug/L			01/24/21 23:01	200
1,2,4-Trichlorobenzene	ND		100	75	ug/L			01/24/21 23:01	200
1,1,1-Trichloroethane	ND		100	53	ug/L			01/24/21 23:01	200
1,1,2-Trichloroethane	ND		100	17	ug/L			01/24/21 23:01	200
Trichloroethene	**4200**		100	58	ug/L			01/24/21 23:01	200
Trichlorofluoromethane	ND		100	59	ug/L			01/24/21 23:01	200
1,2,3-Trichloropropane	ND		100	64	ug/L			01/24/21 23:01	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/L			01/24/21 23:01	200
1,2,4-Trimethylbenzene	ND		100	57	ug/L			01/24/21 23:01	200
1,3,5-Trimethylbenzene	ND		100	57	ug/L			01/24/21 23:01	200
Vinyl acetate	ND		1000	630	ug/L			01/24/21 23:01	200
Vinyl chloride	ND		100	80	ug/L			01/24/21 23:01	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*01/24/21 23:01*	*200*
Dibromofluoromethane	*95*		*80 - 127*		*01/24/21 23:01*	*200*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 128*		*01/24/21 23:01*	*200*
Toluene-d8 (Surr)	*101*		*80 - 120*		*01/24/21 23:01*	*200*

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3200	1600	ug/L			01/24/21 23:27	400
Benzene	ND		200	110	ug/L			01/24/21 23:27	400
Bromobenzene	ND		200	100	ug/L			01/24/21 23:27	400
Bromochloromethane	ND		400	140	ug/L			01/24/21 23:27	400
Bromodichloromethane	ND		200	89	ug/L			01/24/21 23:27	400
Bromoform	ND		200	160	ug/L			01/24/21 23:27	400
Bromomethane	ND		400	370	ug/L			01/24/21 23:27	400
2-Butanone	ND		2000	1200	ug/L			01/24/21 23:27	400
Carbon disulfide	ND		400	98	ug/L			01/24/21 23:27	400
Carbon tetrachloride	ND		200	110	ug/L			01/24/21 23:27	400
Chlorobenzene	ND		200	95	ug/L			01/24/21 23:27	400
Chloroethane	ND		200	180	ug/L			01/24/21 23:27	400
Chloroform	ND		200	110	ug/L			01/24/21 23:27	400
Chloromethane	ND		400	120	ug/L			01/24/21 23:27	400
2-Chlorotoluene	ND		200	120	ug/L			01/24/21 23:27	400
4-Chlorotoluene	ND		200	130	ug/L			01/24/21 23:27	400
c-1,2-Dichloroethene	ND		200	120	ug/L			01/24/21 23:27	400
c-1,3-Dichloropropene	ND		200	77	ug/L			01/24/21 23:27	400
Dibromochloromethane	ND		200	110	ug/L			01/24/21 23:27	400
1,2-Dibromo-3-Chloropropane	ND		400	260	ug/L			01/24/21 23:27	400
1,2-Dibromoethane	ND		200	55	ug/L			01/24/21 23:27	400

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		200	92	ug/L			01/24/21 23:27	400
1,2-Dichlorobenzene	ND		200	92	ug/L			01/24/21 23:27	400
1,3-Dichlorobenzene	ND		200	100	ug/L			01/24/21 23:27	400
1,4-Dichlorobenzene	ND		200	90	ug/L			01/24/21 23:27	400
Dichlorodifluoromethane	ND		400	270	ug/L			01/24/21 23:27	400
1,1-Dichloroethane	ND		200	140	ug/L			01/24/21 23:27	400
1,2-Dichloroethane	ND		200	60	ug/L			01/24/21 23:27	400
1,1-Dichloroethene	ND		200	160	ug/L			01/24/21 23:27	400
1,2-Dichloropropane	ND		200	96	ug/L			01/24/21 23:27	400
1,3-Dichloropropane	ND		200	82	ug/L			01/24/21 23:27	400
2,2-Dichloropropane	ND		200	160	ug/L			01/24/21 23:27	400
1,1-Dichloropropene	ND		200	97	ug/L			01/24/21 23:27	400
Di-isopropyl ether (DIPE)	ND		200	57	ug/L			01/24/21 23:27	400
Ethanol	ND		20000	15000	ug/L			01/24/21 23:27	400
Ethylbenzene	ND		200	140	ug/L			01/24/21 23:27	400
Ethyl-t-butyl ether (ETBE)	ND		200	110	ug/L			01/24/21 23:27	400
2-Hexanone	ND		2400	1700	ug/L			01/24/21 23:27	400
Isopropylbenzene	ND		200	150	ug/L			01/24/21 23:27	400
Methylene Chloride	ND		400	190	ug/L			01/24/21 23:27	400
4-Methyl-2-pentanone	ND		2000	900	ug/L			01/24/21 23:27	400
Methyl-t-Butyl Ether (MTBE)	ND		200	82	ug/L			01/24/21 23:27	400
m,p-Xylene	ND		400	310	ug/L			01/24/21 23:27	400
Naphthalene	ND		400	130	ug/L			01/24/21 23:27	400
n-Butylbenzene	ND		200	120	ug/L			01/24/21 23:27	400
N-Propylbenzene	ND		200	160	ug/L			01/24/21 23:27	400
o-Xylene	ND		200	140	ug/L			01/24/21 23:27	400
p-Isopropyltoluene	ND		200	110	ug/L			01/24/21 23:27	400
sec-Butylbenzene	ND		200	140	ug/L			01/24/21 23:27	400
Styrene	ND		200	110	ug/L			01/24/21 23:27	400
Tert-amyl-methyl ether (TAME)	ND		200	85	ug/L			01/24/21 23:27	400
tert-Butyl alcohol (TBA)	ND		2000	1600	ug/L			01/24/21 23:27	400
tert-Butylbenzene	ND		200	140	ug/L			01/24/21 23:27	400
1,1,1,2-Tetrachloroethane	ND		200	100	ug/L			01/24/21 23:27	400
1,1,2,2-Tetrachloroethane	ND		200	78	ug/L			01/24/21 23:27	400
Tetrachloroethene	ND		200	120	ug/L			01/24/21 23:27	400
Toluene	ND		200	130	ug/L			01/24/21 23:27	400
t-1,2-Dichloroethene	ND		200	140	ug/L			01/24/21 23:27	400
t-1,3-Dichloropropene	ND		200	69	ug/L			01/24/21 23:27	400
1,2,3-Trichlorobenzene	ND		200	110	ug/L			01/24/21 23:27	400
1,2,4-Trichlorobenzene	ND		200	150	ug/L			01/24/21 23:27	400
1,1,1-Trichloroethane	ND		200	110	ug/L			01/24/21 23:27	400
1,1,2-Trichloroethane	ND		200	34	ug/L			01/24/21 23:27	400
Trichloroethene	**7800**		200	120	ug/L			01/24/21 23:27	400
Trichlorofluoromethane	ND		200	120	ug/L			01/24/21 23:27	400
1,2,3-Trichloropropane	ND		200	130	ug/L			01/24/21 23:27	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	100	ug/L			01/24/21 23:27	400
1,2,4-Trimethylbenzene	ND		200	110	ug/L			01/24/21 23:27	400
1,3,5-Trimethylbenzene	ND		200	110	ug/L			01/24/21 23:27	400
Vinyl acetate	ND		2000	1300	ug/L			01/24/21 23:27	400

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		200	160	ug/L			01/24/21 23:27	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*01/24/21 23:27*	*400*
Dibromofluoromethane	*95*		*80 - 127*		*01/24/21 23:27*	*400*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*		*01/24/21 23:27*	*400*
Toluene-d8 (Surr)	*101*		*80 - 120*		*01/24/21 23:27*	*400*

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1600	800	ug/L			01/24/21 23:52	200
Benzene	ND		100	53	ug/L			01/24/21 23:52	200
Bromobenzene	ND		100	52	ug/L			01/24/21 23:52	200
Bromochloromethane	ND		200	70	ug/L			01/24/21 23:52	200
Bromodichloromethane	ND		100	45	ug/L			01/24/21 23:52	200
Bromoform	ND		100	78	ug/L			01/24/21 23:52	200
Bromomethane	ND		200	190	ug/L			01/24/21 23:52	200
2-Butanone	ND		1000	610	ug/L			01/24/21 23:52	200
Carbon disulfide	ND		200	49	ug/L			01/24/21 23:52	200
Carbon tetrachloride	ND		100	54	ug/L			01/24/21 23:52	200
Chlorobenzene	ND		100	48	ug/L			01/24/21 23:52	200
Chloroethane	ND		100	88	ug/L			01/24/21 23:52	200
Chloroform	**140**		100	57	ug/L			01/24/21 23:52	200
Chloromethane	ND		200	59	ug/L			01/24/21 23:52	200
2-Chlorotoluene	ND		100	62	ug/L			01/24/21 23:52	200
4-Chlorotoluene	ND		100	67	ug/L			01/24/21 23:52	200
c-1,2-Dichloroethene	**730**		100	60	ug/L			01/24/21 23:52	200
c-1,3-Dichloropropene	ND		100	38	ug/L			01/24/21 23:52	200
Dibromochloromethane	ND		100	54	ug/L			01/24/21 23:52	200
1,2-Dibromo-3-Chloropropane	ND		200	130	ug/L			01/24/21 23:52	200
1,2-Dibromoethane	ND		100	27	ug/L			01/24/21 23:52	200
Dibromomethane	ND		100	46	ug/L			01/24/21 23:52	200
1,2-Dichlorobenzene	ND		100	46	ug/L			01/24/21 23:52	200
1,3-Dichlorobenzene	ND		100	51	ug/L			01/24/21 23:52	200
1,4-Dichlorobenzene	ND		100	45	ug/L			01/24/21 23:52	200
Dichlorodifluoromethane	ND		200	140	ug/L			01/24/21 23:52	200
1,1-Dichloroethane	**340**		100	71	ug/L			01/24/21 23:52	200
1,2-Dichloroethane	ND		100	30	ug/L			01/24/21 23:52	200
1,1-Dichloroethene	**180**		100	78	ug/L			01/24/21 23:52	200
1,2-Dichloropropane	ND		100	48	ug/L			01/24/21 23:52	200
1,3-Dichloropropane	ND		100	41	ug/L			01/24/21 23:52	200
2,2-Dichloropropane	ND		100	79	ug/L			01/24/21 23:52	200
1,1-Dichloropropene	ND		100	48	ug/L			01/24/21 23:52	200
Di-isopropyl ether (DIPE)	ND		100	29	ug/L			01/24/21 23:52	200
Ethanol	ND		10000	7600	ug/L			01/24/21 23:52	200
Ethylbenzene	ND		100	71	ug/L			01/24/21 23:52	200
Ethyl-t-butyl ether (ETBE)	ND		100	55	ug/L			01/24/21 23:52	200
2-Hexanone	ND		1200	860	ug/L			01/24/21 23:52	200

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		100	77	ug/L			01/24/21 23:52	200
Methylene Chloride	ND		200	96	ug/L			01/24/21 23:52	200
4-Methyl-2-pentanone	ND		1000	450	ug/L			01/24/21 23:52	200
Methyl-t-Butyl Ether (MTBE)	ND		100	41	ug/L			01/24/21 23:52	200
m,p-Xylene	ND		200	160	ug/L			01/24/21 23:52	200
Naphthalene	ND		200	64	ug/L			01/24/21 23:52	200
n-Butylbenzene	ND		100	59	ug/L			01/24/21 23:52	200
N-Propylbenzene	ND		100	78	ug/L			01/24/21 23:52	200
o-Xylene	ND		100	70	ug/L			01/24/21 23:52	200
p-Isopropyltoluene	ND		100	55	ug/L			01/24/21 23:52	200
sec-Butylbenzene	ND		100	68	ug/L			01/24/21 23:52	200
Styrene	ND		100	55	ug/L			01/24/21 23:52	200
Tert-amyl-methyl ether (TAME)	ND		100	42	ug/L			01/24/21 23:52	200
tert-Butyl alcohol (TBA)	**930**	**J**	1000	800	ug/L			01/24/21 23:52	200
tert-Butylbenzene	ND		100	68	ug/L			01/24/21 23:52	200
1,1,1,2-Tetrachloroethane	ND		100	51	ug/L			01/24/21 23:52	200
1,1,2,2-Tetrachloroethane	ND		100	39	ug/L			01/24/21 23:52	200
Tetrachloroethene	**240**		100	58	ug/L			01/24/21 23:52	200
Toluene	ND		100	66	ug/L			01/24/21 23:52	200
t-1,2-Dichloroethene	ND		100	72	ug/L			01/24/21 23:52	200
t-1,3-Dichloropropene	ND		100	35	ug/L			01/24/21 23:52	200
1,2,3-Trichlorobenzene	ND		100	55	ug/L			01/24/21 23:52	200
1,2,4-Trichlorobenzene	ND		100	75	ug/L			01/24/21 23:52	200
1,1,1-Trichloroethane	ND		100	53	ug/L			01/24/21 23:52	200
1,1,2-Trichloroethane	**100**		100	17	ug/L			01/24/21 23:52	200
Trichloroethene	**9300**		100	58	ug/L			01/24/21 23:52	200
Trichlorofluoromethane	ND		100	59	ug/L			01/24/21 23:52	200
1,2,3-Trichloropropane	ND		100	64	ug/L			01/24/21 23:52	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/L			01/24/21 23:52	200
1,2,4-Trimethylbenzene	ND		100	57	ug/L			01/24/21 23:52	200
1,3,5-Trimethylbenzene	ND		100	57	ug/L			01/24/21 23:52	200
Vinyl acetate	ND		1000	630	ug/L			01/24/21 23:52	200
Vinyl chloride	ND		100	80	ug/L			01/24/21 23:52	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 120*		*01/24/21 23:52*	*200*
Dibromofluoromethane	*96*		*80 - 127*		*01/24/21 23:52*	*200*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 128*		*01/24/21 23:52*	*200*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/24/21 23:52*	*200*

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**8.0**		0.50	0.12	mg/L			01/21/21 14:56	5
Orthophosphate as P	ND		0.50	0.38	mg/L			01/21/21 14:56	5

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		0.50	0.38	mg/L			01/21/21 16:49	5

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		0.50	0.38	mg/L			01/21/21 17:27	5

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**30**		1.0	0.24	mg/L			01/21/21 18:05	10
Orthophosphate as P	ND		1.0	0.76	mg/L			01/21/21 18:05	10

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		2.0	1.5	mg/L			01/21/21 18:42	20

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		0.50	0.38	mg/L			01/21/21 19:20	5

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		2.0	1.5	mg/L			01/21/21 19:58	20

Method: 300.0 - Anions, Ion Chromatography - DL

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3600		100	36	mg/L			01/22/21 18:33	100
Sulfate	810		100	24	mg/L			01/22/21 18:33	100

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6900		100	36	mg/L			01/22/21 19:34	100
Nitrate as N	55	H	10	2.4	mg/L			01/22/21 19:34	100
Sulfate	1700		100	24	mg/L			01/22/21 19:34	100

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4500		100	36	mg/L			01/22/21 20:35	100
Nitrate as N	67	H	10	2.4	mg/L			01/22/21 20:35	100
Sulfate	1100		100	24	mg/L			01/22/21 20:35	100

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9300		200	72	mg/L			01/22/21 20:55	200
Sulfate	1600		200	47	mg/L			01/22/21 20:55	200

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9300		400	140	mg/L			01/22/21 21:16	400
Nitrate as N	2500	H	40	9.6	mg/L			01/22/21 21:16	400
Sulfate	2000		400	95	mg/L			01/22/21 21:16	400

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3500		100	36	mg/L			01/22/21 21:36	100
Nitrate as N	260	H	10	2.4	mg/L			01/22/21 21:36	100
Sulfate	1600		100	24	mg/L			01/22/21 21:36	100

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5300		200	72	mg/L			01/22/21 21:56	200
Nitrate as N	720	H	20	4.8	mg/L			01/22/21 21:56	200
Sulfate	1700		200	47	mg/L			01/22/21 21:56	200

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 18:32	1
Barium	**0.318**		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 18:32	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 18:32	1
Calcium	**626**		2.00	0.459	mg/L		01/29/21 15:15	02/01/21 18:32	1
Chromium	ND		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 18:32	1
Copper	ND		0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 18:32	1
Iron	**3.72**		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 18:32	1
Lead	ND		0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 18:32	1
Magnesium	**193**		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 18:32	1
Manganese	**1.91**		0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 18:32	1
Molybdenum	**0.0167**	**J**	0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 18:32	1
Nickel	**0.0450**	**J**	0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 18:32	1
Potassium	**5.34**		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 18:32	1
Selenium	ND		0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 18:32	1
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 18:32	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 18:32	1
Vanadium	**0.00907**	**J**	0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 18:32	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 18:32	1

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 18:35	1
Barium	**0.0455**		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 18:35	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 18:35	1
Calcium	**786**		2.00	0.459	mg/L		01/29/21 15:15	02/01/21 18:35	1
Chromium	**0.171**		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 18:35	1
Copper	ND		0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 18:35	1
Iron	ND		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 18:35	1
Lead	ND		0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 18:35	1
Magnesium	**239**		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 18:35	1
Manganese	**0.00449**	**J**	0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 18:35	1
Molybdenum	**0.0168**	**J**	0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 18:35	1
Nickel	**0.109**		0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 18:35	1
Potassium	**8.26**		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 18:35	1
Selenium	**0.0364**	**J**	0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 18:35	1
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 18:35	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 18:35	1
Vanadium	**0.00888**	**J**	0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 18:35	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 18:35	1

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 18:38	1
Barium	**0.0499**		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 18:38	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 18:38	1
Calcium	**520**		2.00	0.459	mg/L		01/29/21 15:15	02/01/21 18:38	1

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 18:38	1
Copper	ND		0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 18:38	1
Iron	ND		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 18:38	1
Lead	ND		0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 18:38	1
Magnesium	**172**		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 18:38	1
Manganese	**0.0273**	**J**	0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 18:38	1
Molybdenum	**0.0110**	**J**	0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 18:38	1
Nickel	**0.0685**		0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 18:38	1
Potassium	**8.83**		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 18:38	1
Selenium	**0.0452**	**J**	0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 18:38	1
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 18:38	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 18:38	1
Vanadium	ND		0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 18:38	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 18:38	1

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 18:41	1
Barium	**0.0433**		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 18:41	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 18:41	1
Calcium	**973**		2.00	0.459	mg/L		01/29/21 15:15	02/01/21 18:41	1
Chromium	ND		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 18:41	1
Copper	ND		0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 18:41	1
Iron	ND		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 18:41	1
Lead	**0.00825**	**J**	0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 18:41	1
Magnesium	**260**		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 18:41	1
Manganese	ND		0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 18:41	1
Molybdenum	**0.0226**	**J**	0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 18:41	1
Nickel	**0.115**		0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 18:41	1
Potassium	**10.1**		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 18:41	1
Selenium	**0.0627**	**J**	0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 18:41	1
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 18:41	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 18:41	1
Vanadium	ND		0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 18:41	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 18:41	1

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0508**	**J**	0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 18:44	1
Barium	**0.0943**		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 18:44	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 18:44	1
Chromium	**0.139**		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 18:44	1
Copper	ND		0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 18:44	1
Iron	ND		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 18:44	1
Lead	**0.0198**	**J**	0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 18:44	1
Magnesium	**306**		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 18:44	1

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.844**		0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 18:44	1
Molybdenum	**0.0260**	**J**	0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 18:44	1
Nickel	**2.09**		0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 18:44	1
Potassium	**36.7**		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 18:44	1
Selenium	ND		0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 18:44	1
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 18:44	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 18:44	1
Vanadium	ND		0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 18:44	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 18:44	1

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0238**	**J**	0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 18:48	1
Barium	**0.0462**		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 18:48	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 18:48	1
Calcium	**322**		2.00	0.459	mg/L		01/29/21 15:15	02/01/21 18:48	1
Chromium	**0.0689**		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 18:48	1
Copper	ND		0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 18:48	1
Iron	ND		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 18:48	1
Lead	ND		0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 18:48	1
Magnesium	**224**		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 18:48	1
Manganese	ND		0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 18:48	1
Molybdenum	**0.314**		0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 18:48	1
Nickel	**0.597**		0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 18:48	1
Potassium	**5.84**		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 18:48	1
Selenium	ND		0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 18:48	1
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 18:48	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 18:48	1
Vanadium	**0.138**		0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 18:48	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 18:48	1

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0416**	**J**	0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 18:51	1
Barium	**0.0652**		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 18:51	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 18:51	1
Chromium	ND		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 18:51	1
Copper	**0.0336**	**J**	0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 18:51	1
Iron	ND		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 18:51	1
Lead	**0.00841**	**J**	0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 18:51	1
Magnesium	**279**		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 18:51	1
Manganese	**4.17**		0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 18:51	1
Molybdenum	**0.0306**	**J**	0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 18:51	1
Nickel	**0.859**		0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 18:51	1
Potassium	**25.9**		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 18:51	1
Selenium	ND		0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 18:51	1

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 18:51	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 18:51	1
Vanadium	ND		0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 18:51	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 18:51	1

Method: 6010B - Metals (ICP) - Dissolved - DL

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	1530		20.0	11.1	mg/L		01/29/21 15:15	02/02/21 11:19	10

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	3130		20.0	11.1	mg/L		01/29/21 15:15	02/02/21 11:22	10

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	2090		20.0	11.1	mg/L		01/29/21 15:15	02/02/21 11:25	10

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	4450		20.0	11.1	mg/L		01/29/21 15:15	02/02/21 11:28	10

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	2910		20.0	4.59	mg/L		01/29/21 15:15	02/02/21 11:31	10
Sodium	4230		20.0	11.1	mg/L		01/29/21 15:15	02/02/21 11:31	10

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	2310		20.0	11.1	mg/L		01/29/21 15:15	02/02/21 11:35	10

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1370		20.0	4.59	mg/L		01/29/21 15:15	02/02/21 11:38	10
Sodium	2810		20.0	11.1	mg/L		01/29/21 15:15	02/02/21 11:38	10

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:31	1

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:33	1

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:35	1

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:37	1

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:39	1

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:41	1

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:43	1

General Chemistry

Client Sample ID: TPMW-01
Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**499**		5.00	1.69	mg/L			01/25/21 23:45	1
Bicarbonate (as CaCO3)	**499**		5.00	1.69	mg/L			01/25/21 23:45	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 23:45	1
Total Dissolved Solids	**7940**		2.00	1.74	mg/L			01/21/21 07:43	1

Client Sample ID: MW-20
Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**466**		5.00	1.69	mg/L			01/25/21 23:51	1
Bicarbonate (as CaCO3)	**466**		5.00	1.69	mg/L			01/25/21 23:51	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 23:51	1
Total Dissolved Solids	**13200**		2.00	1.74	mg/L			01/21/21 07:43	1

Client Sample ID: MW-16
Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**526**		5.00	1.69	mg/L			01/25/21 23:58	1
Bicarbonate (as CaCO3)	**526**		5.00	1.69	mg/L			01/25/21 23:58	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 23:58	1
Total Dissolved Solids	**9910**		2.00	1.74	mg/L			01/21/21 07:43	1

Client Sample ID: MW-18
Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**254**		5.00	1.69	mg/L			01/26/21 00:04	1
Bicarbonate (as CaCO3)	**254**		5.00	1.69	mg/L			01/26/21 00:04	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/26/21 00:04	1
Total Dissolved Solids	**16600**		4.00	3.48	mg/L			01/21/21 07:43	1

Client Sample ID: MW-24
Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**323**		5.00	1.69	mg/L			01/26/21 00:11	1
Bicarbonate (as CaCO3)	**323**		5.00	1.69	mg/L			01/26/21 00:11	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/26/21 00:11	1
Total Dissolved Solids	**31500**		4.00	3.48	mg/L			01/21/21 07:43	1

Client Sample ID: MW-23
Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50
Lab Sample ID: 570-48929-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**656**		5.00	1.69	mg/L			01/26/21 00:18	1
Bicarbonate (as CaCO3)	**656**		5.00	1.69	mg/L			01/26/21 00:18	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/26/21 00:18	1
Total Dissolved Solids	**9050**		2.00	1.74	mg/L			01/21/21 07:43	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

General Chemistry

Client Sample ID: MW-21R
Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	**703**		5.00	1.69	mg/L			01/26/21 00:24	1
Bicarbonate (as CaCO3)	**703**		5.00	1.69	mg/L			01/26/21 00:24	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/26/21 00:24	1
Total Dissolved Solids	**12200**		2.00	1.74	mg/L			01/21/21 07:43	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR Former Rendering Plant

Job ID: 570-48929-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-48929-1	TPMW-01	95	98	103	100
570-48929-2	MW-20	97	94	98	100
570-48929-3	MW-16	95	93	95	102
570-48929-4	QCTB	93	93	93	97
570-48929-5	QCEB	92	94	91	99
570-48929-6	MW-18	90	95	98	99
570-48929-7	MW-24	94	95	94	101
570-48929-8	MW-23	90	95	96	101
570-48929-9	MW-21R	90	96	91	100
LCS 570-124265/3	Lab Control Sample	98	98	95	99
LCS 570-124974/4	Lab Control Sample	101	99	104	100
LCSD 570-124265/4	Lab Control Sample Dup	99	98	96	100
LCSD 570-124974/5	Lab Control Sample Dup	97	99	101	100
MB 570-124265/7	Method Blank	93	95	94	97
MB 570-124974/7	Method Blank	97	97	98	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-124265/7
Matrix: Water
Analysis Batch: 124265

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/24/21 16:21	1
Benzene	ND		0.50	0.27	ug/L			01/24/21 16:21	1
Bromobenzene	ND		0.50	0.26	ug/L			01/24/21 16:21	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/24/21 16:21	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/24/21 16:21	1
Bromoform	ND		0.50	0.39	ug/L			01/24/21 16:21	1
Bromomethane	ND		1.0	0.93	ug/L			01/24/21 16:21	1
2-Butanone	ND		5.0	3.0	ug/L			01/24/21 16:21	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/24/21 16:21	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/24/21 16:21	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/24/21 16:21	1
Chloroethane	ND		0.50	0.44	ug/L			01/24/21 16:21	1
Chloroform	ND		0.50	0.28	ug/L			01/24/21 16:21	1
Chloromethane	ND		1.0	0.29	ug/L			01/24/21 16:21	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/24/21 16:21	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/24/21 16:21	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/24/21 16:21	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/24/21 16:21	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/24/21 16:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/24/21 16:21	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/24/21 16:21	1
Dibromomethane	ND		0.50	0.23	ug/L			01/24/21 16:21	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/24/21 16:21	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/24/21 16:21	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/24/21 16:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/24/21 16:21	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/24/21 16:21	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/24/21 16:21	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/24/21 16:21	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/24/21 16:21	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/24/21 16:21	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/24/21 16:21	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/24/21 16:21	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/24/21 16:21	1
Ethanol	ND		50	38	ug/L			01/24/21 16:21	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/24/21 16:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/24/21 16:21	1
2-Hexanone	ND		6.0	4.3	ug/L			01/24/21 16:21	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/24/21 16:21	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/24/21 16:21	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/24/21 16:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/24/21 16:21	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/24/21 16:21	1
Naphthalene	ND		1.0	0.32	ug/L			01/24/21 16:21	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/24/21 16:21	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/24/21 16:21	1
o-Xylene	ND		0.50	0.35	ug/L			01/24/21 16:21	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/24/21 16:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124265/7
Matrix: Water
Analysis Batch: 124265

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 16:21	1
Styrene	ND		0.50	0.28	ug/L			01/24/21 16:21	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/24/21 16:21	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/24/21 16:21	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/24/21 16:21	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/24/21 16:21	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/24/21 16:21	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/24/21 16:21	1
Toluene	ND		0.50	0.33	ug/L			01/24/21 16:21	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/24/21 16:21	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/24/21 16:21	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/24/21 16:21	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/24/21 16:21	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/24/21 16:21	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/24/21 16:21	1
Trichloroethene	ND		0.50	0.29	ug/L			01/24/21 16:21	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/24/21 16:21	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/24/21 16:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/24/21 16:21	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/24/21 16:21	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/24/21 16:21	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/24/21 16:21	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/24/21 16:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 120*		*01/24/21 16:21*	*1*
Dibromofluoromethane	*95*		*80 - 127*		*01/24/21 16:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 128*		*01/24/21 16:21*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/24/21 16:21*	*1*

Lab Sample ID: LCS 570-124265/3
Matrix: Water
Analysis Batch: 124265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.92		ug/L		109	80 - 120
Carbon tetrachloride	10.0	10.91		ug/L		109	75 - 142
Chlorobenzene	10.0	11.53		ug/L		115	80 - 120
1,2-Dibromoethane	10.0	10.80		ug/L		108	80 - 120
1,2-Dichlorobenzene	10.0	11.24		ug/L		112	80 - 120
1,2-Dichloroethane	10.0	10.78		ug/L		108	80 - 123
1,1-Dichloroethene	10.0	10.38		ug/L		104	74 - 128
Di-isopropyl ether (DIPE)	10.0	9.565		ug/L		96	74 - 126
Ethanol	200	250.3		ug/L		125	50 - 142
Ethylbenzene	10.0	11.42		ug/L		114	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.413		ug/L		94	60 - 126
Methyl-t-Butyl Ether (MTBE)	10.0	9.440		ug/L		94	70 - 121
m,p-Xylene	20.0	23.23		ug/L		116	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124265/3
Matrix: Water
Analysis Batch: 124265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	10.0	11.17		ug/L		112	80 - 120
Tert-amyl-methyl ether (TAME)	10.0	10.28		ug/L		103	80 - 121
tert-Butyl alcohol (TBA)	100	115.5		ug/L		116	77 - 124
Toluene	10.0	11.21		ug/L		112	80 - 120
Trichloroethene	10.0	11.38		ug/L		114	80 - 120
Vinyl chloride	10.0	9.561		ug/L		96	72 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*68 - 120*
Dibromofluoromethane	*98*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-124265/4
Matrix: Water
Analysis Batch: 124265

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.69		ug/L		107	80 - 120	2	20
Carbon tetrachloride	10.0	10.45		ug/L		105	75 - 142	4	20
Chlorobenzene	10.0	11.35		ug/L		114	80 - 120	2	20
1,2-Dibromoethane	10.0	10.78		ug/L		108	80 - 120	0	20
1,2-Dichlorobenzene	10.0	11.27		ug/L		113	80 - 120	0	20
1,2-Dichloroethane	10.0	10.74		ug/L		107	80 - 123	0	20
1,1-Dichloroethene	10.0	9.971		ug/L		100	74 - 128	4	20
Di-isopropyl ether (DIPE)	10.0	9.402		ug/L		94	74 - 126	2	20
Ethanol	200	249.4		ug/L		125	50 - 142	0	30
Ethylbenzene	10.0	11.19		ug/L		112	80 - 120	2	20
Ethyl-t-butyl ether (ETBE)	10.0	9.148		ug/L		91	60 - 126	3	20
Methyl-t-Butyl Ether (MTBE)	10.0	9.407		ug/L		94	70 - 121	0	20
m,p-Xylene	20.0	22.61		ug/L		113	80 - 120	3	20
o-Xylene	10.0	11.17		ug/L		112	80 - 120	0	20
Tert-amyl-methyl ether (TAME)	10.0	10.33		ug/L		103	80 - 121	0	20
tert-Butyl alcohol (TBA)	100	114.1		ug/L		114	77 - 124	1	23
Toluene	10.0	10.96		ug/L		110	80 - 120	2	20
Trichloroethene	10.0	11.10		ug/L		111	80 - 120	2	20
Vinyl chloride	10.0	9.114		ug/L		91	72 - 126	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*
Dibromofluoromethane	*98*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124974/7
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/27/21 11:38	1
Benzene	ND		0.50	0.27	ug/L			01/27/21 11:38	1
Bromobenzene	ND		0.50	0.26	ug/L			01/27/21 11:38	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/27/21 11:38	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/27/21 11:38	1
Bromoform	ND		0.50	0.39	ug/L			01/27/21 11:38	1
Bromomethane	ND		1.0	0.93	ug/L			01/27/21 11:38	1
2-Butanone	ND		5.0	3.0	ug/L			01/27/21 11:38	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/27/21 11:38	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/27/21 11:38	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/27/21 11:38	1
Chloroethane	ND		0.50	0.44	ug/L			01/27/21 11:38	1
Chloroform	ND		0.50	0.28	ug/L			01/27/21 11:38	1
Chloromethane	ND		1.0	0.29	ug/L			01/27/21 11:38	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/27/21 11:38	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/27/21 11:38	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/27/21 11:38	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/27/21 11:38	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/27/21 11:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/27/21 11:38	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/27/21 11:38	1
Dibromomethane	ND		0.50	0.23	ug/L			01/27/21 11:38	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/27/21 11:38	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/27/21 11:38	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/27/21 11:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/27/21 11:38	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/27/21 11:38	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/27/21 11:38	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/27/21 11:38	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/27/21 11:38	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/27/21 11:38	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/27/21 11:38	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/27/21 11:38	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/27/21 11:38	1
Ethanol	ND		50	38	ug/L			01/27/21 11:38	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/27/21 11:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/27/21 11:38	1
2-Hexanone	ND		6.0	4.3	ug/L			01/27/21 11:38	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/27/21 11:38	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/27/21 11:38	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/27/21 11:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/27/21 11:38	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/27/21 11:38	1
Naphthalene	ND		1.0	0.32	ug/L			01/27/21 11:38	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/27/21 11:38	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/27/21 11:38	1
o-Xylene	ND		0.50	0.35	ug/L			01/27/21 11:38	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/27/21 11:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124974/7
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/27/21 11:38	1
Styrene	ND		0.50	0.28	ug/L			01/27/21 11:38	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/27/21 11:38	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/27/21 11:38	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/27/21 11:38	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/27/21 11:38	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/27/21 11:38	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/27/21 11:38	1
Toluene	ND		0.50	0.33	ug/L			01/27/21 11:38	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/27/21 11:38	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/27/21 11:38	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/27/21 11:38	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/27/21 11:38	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/27/21 11:38	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/27/21 11:38	1
Trichloroethene	ND		0.50	0.29	ug/L			01/27/21 11:38	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/27/21 11:38	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/27/21 11:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/27/21 11:38	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/27/21 11:38	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/27/21 11:38	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/27/21 11:38	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/27/21 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*		*01/27/21 11:38*	*1*
Dibromofluoromethane	*97*		*80 - 127*		*01/27/21 11:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*		*01/27/21 11:38*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/27/21 11:38*	*1*

Lab Sample ID: LCS 570-124974/4
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.430		ug/L		94	80 - 120
Carbon tetrachloride	10.0	8.476		ug/L		85	75 - 142
Chlorobenzene	10.0	9.647		ug/L		96	80 - 120
1,2-Dibromoethane	10.0	9.737		ug/L		97	80 - 120
1,2-Dichlorobenzene	10.0	9.505		ug/L		95	80 - 120
1,2-Dichloroethane	10.0	10.04		ug/L		100	80 - 123
1,1-Dichloroethene	10.0	8.124		ug/L		81	74 - 128
Di-isopropyl ether (DIPE)	10.0	9.823		ug/L		98	74 - 126
Ethanol	200	181.7		ug/L		91	50 - 142
Ethylbenzene	10.0	9.459		ug/L		95	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	9.351		ug/L		94	60 - 126
Methyl-t-Butyl Ether (MTBE)	10.0	9.465		ug/L		95	70 - 121
m,p-Xylene	20.0	19.46		ug/L		97	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124974/4
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	9.712		ug/L		97	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	10.03		ug/L		100	80 - 121		
tert-Butyl alcohol (TBA)			100	99.24		ug/L		99	77 - 124		
Toluene			10.0	9.588		ug/L		96	80 - 120		
Trichloroethene			10.0	9.506		ug/L		95	80 - 120		
Vinyl chloride			10.0	10.18		ug/L		102	72 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-124974/5
Matrix: Water
Analysis Batch: 124974

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	9.336		ug/L		93	80 - 120	1	20
Carbon tetrachloride			10.0	8.409		ug/L		84	75 - 142	1	20
Chlorobenzene			10.0	10.19		ug/L		102	80 - 120	5	20
1,2-Dibromoethane			10.0	10.64		ug/L		106	80 - 120	9	20
1,2-Dichlorobenzene			10.0	11.54		ug/L		115	80 - 120	19	20
1,2-Dichloroethane			10.0	10.03		ug/L		100	80 - 123	0	20
1,1-Dichloroethene			10.0	7.970		ug/L		80	74 - 128	2	20
Di-isopropyl ether (DIPE)			10.0	9.907		ug/L		99	74 - 126	1	20
Ethanol			200	189.7		ug/L		95	50 - 142	4	30
Ethylbenzene			10.0	10.09		ug/L		101	80 - 120	6	20
Ethyl-t-butyl ether (ETBE)			10.0	9.418		ug/L		94	60 - 126	1	20
Methyl-t-Butyl Ether (MTBE)			10.0	9.616		ug/L		96	70 - 121	2	20
m,p-Xylene			20.0	20.20		ug/L		101	80 - 120	4	20
o-Xylene			10.0	10.12		ug/L		101	80 - 120	4	20
Tert-amyl-methyl ether (TAME)			10.0	10.48		ug/L		105	80 - 121	4	20
tert-Butyl alcohol (TBA)			100	103.6		ug/L		104	77 - 124	4	23
Toluene			10.0	9.469		ug/L		95	80 - 120	1	20
Trichloroethene			10.0	9.435		ug/L		94	80 - 120	1	20
Vinyl chloride			10.0	9.962		ug/L		100	72 - 126	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*68 - 120*
Dibromofluoromethane	*99*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 128*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-123652/10
Matrix: Water
Analysis Batch: 123652

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			01/21/21 13:21	1
Orthophosphate as P	ND		0.10	0.076	mg/L			01/21/21 13:21	1

Lab Sample ID: LCS 570-123652/11
Matrix: Water
Analysis Batch: 123652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	5.00	5.130		mg/L		103	90 - 110
Orthophosphate as P	2.50	2.460		mg/L		98	90 - 110

Lab Sample ID: LCSD 570-123652/12
Matrix: Water
Analysis Batch: 123652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	5.00	5.129		mg/L		103	90 - 110	0	15
Orthophosphate as P	2.50	2.426		mg/L		97	90 - 110	1	15

Lab Sample ID: 570-48929-1 MS
Matrix: Water
Analysis Batch: 123652

Client Sample ID: TPMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	8.0		5.00	12.90		mg/L		98	80 - 120
Orthophosphate as P	ND		2.50	2.602		mg/L		104	80 - 120

Lab Sample ID: 570-48929-1 MSD
Matrix: Water
Analysis Batch: 123652

Client Sample ID: TPMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	8.0		5.00	12.90		mg/L		98	80 - 120	0	20
Orthophosphate as P	ND		2.50	2.574		mg/L		103	80 - 120	1	20

Lab Sample ID: MB 570-123954/10
Matrix: Water
Analysis Batch: 123954

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.024	mg/L			01/22/21 13:28	1

Lab Sample ID: LCS 570-123954/11
Matrix: Water
Analysis Batch: 123954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	5.00	4.806		mg/L		96	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 570-123954/12
Matrix: Water
Analysis Batch: 123954

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			5.00	4.796		mg/L		96	90 - 110	0	15

Lab Sample ID: MB 570-123955/10
Matrix: Water
Analysis Batch: 123955

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.36	mg/L			01/22/21 13:28	1
Sulfate	ND		1.0	0.24	mg/L			01/22/21 13:28	1

Lab Sample ID: LCS 570-123955/11
Matrix: Water
Analysis Batch: 123955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride			50.0	48.12		mg/L		96	90 - 110
Sulfate			50.0	46.71		mg/L		93	90 - 110

Lab Sample ID: LCSD 570-123955/12
Matrix: Water
Analysis Batch: 123955

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			50.0	48.14		mg/L		96	90 - 110	0	15
Sulfate			50.0	46.74		mg/L		93	90 - 110	0	15

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 570-48929-1 MS
Matrix: Water
Analysis Batch: 123954

Client Sample ID: TPMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N - DL	8.8	J H	5.00	13.25		mg/L		88	80 - 120

Lab Sample ID: 570-48929-1 MSD
Matrix: Water
Analysis Batch: 123954

Client Sample ID: TPMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N - DL	8.8	J H	5.00	13.79		mg/L		99	80 - 120	4	20

Lab Sample ID: 570-48929-1 MS
Matrix: Water
Analysis Batch: 123955

Client Sample ID: TPMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride - DL	3600		50.0	3609	4	mg/L		60	80 - 120
Sulfate - DL	810		50.0	856.7	4	mg/L		91	80 - 120

Method: 300.0 - Anions, Ion Chromatography - DL (Continued)

Lab Sample ID: 570-48929-1 MSD
Matrix: Water
Analysis Batch: 123955

Client Sample ID: TPMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride - DL	3600		50.0	3727	4	mg/L		297	80 - 120	3	20
Sulfate - DL	810		50.0	886.0	4	mg/L		150	80 - 120	3	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-125645/1-A
Matrix: Water
Analysis Batch: 126248

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 125645

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0181	mg/L		01/29/21 15:15	02/01/21 17:48	1
Barium	ND		0.0100	0.00308	mg/L		01/29/21 15:15	02/01/21 17:48	1
Cadmium	ND		0.0100	0.00210	mg/L		01/29/21 15:15	02/01/21 17:48	1
Calcium	ND		2.00	0.459	mg/L		01/29/21 15:15	02/01/21 17:48	1
Chromium	ND		0.0500	0.00688	mg/L		01/29/21 15:15	02/01/21 17:48	1
Copper	ND		0.0500	0.00614	mg/L		01/29/21 15:15	02/01/21 17:48	1
Iron	ND		0.500	0.123	mg/L		01/29/21 15:15	02/01/21 17:48	1
Lead	ND		0.0500	0.00821	mg/L		01/29/21 15:15	02/01/21 17:48	1
Magnesium	ND		0.500	0.0493	mg/L		01/29/21 15:15	02/01/21 17:48	1
Manganese	ND		0.0500	0.00405	mg/L		01/29/21 15:15	02/01/21 17:48	1
Molybdenum	ND		0.0500	0.00509	mg/L		01/29/21 15:15	02/01/21 17:48	1
Nickel	ND		0.0500	0.00784	mg/L		01/29/21 15:15	02/01/21 17:48	1
Potassium	ND		2.00	0.240	mg/L		01/29/21 15:15	02/01/21 17:48	1
Selenium	ND		0.100	0.0244	mg/L		01/29/21 15:15	02/01/21 17:48	1
Silver	ND		0.0100	0.00298	mg/L		01/29/21 15:15	02/01/21 17:48	1
Sodium	ND		2.00	1.11	mg/L		01/29/21 15:15	02/01/21 17:48	1
Thallium	ND		0.0500	0.0161	mg/L		01/29/21 15:15	02/01/21 17:48	1
Vanadium	ND		0.0100	0.00297	mg/L		01/29/21 15:15	02/01/21 17:48	1
Zinc	ND		0.250	0.0682	mg/L		01/29/21 15:15	02/01/21 17:48	1

Lab Sample ID: LCS 570-125645/2-A
Matrix: Water
Analysis Batch: 126248

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 125645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.500	0.5011		mg/L		100	80 - 120
Barium	0.500	0.5454		mg/L		109	80 - 120
Cadmium	0.500	0.5070		mg/L		101	80 - 120
Calcium	0.500	0.5572	J	mg/L		111	80 - 120
Chromium	0.500	0.4549		mg/L		91	80 - 120
Copper	0.500	0.5124		mg/L		102	80 - 120
Iron	0.500	0.5479		mg/L		110	80 - 120
Lead	0.500	0.5174		mg/L		103	80 - 120
Magnesium	0.500	0.5717		mg/L		114	80 - 120
Manganese	0.500	0.5023		mg/L		100	80 - 120
Molybdenum	0.500	0.5147		mg/L		103	80 - 120
Nickel	0.500	0.4899		mg/L		98	80 - 120
Potassium	5.00	4.908		mg/L		98	80 - 120
Selenium	0.500	0.4986		mg/L		100	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-125645/2-A
Matrix: Water
Analysis Batch: 126248

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 125645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.250	0.2534		mg/L		101	80 - 120
Sodium	5.00	5.091		mg/L		102	80 - 120
Thallium	0.500	0.5251		mg/L		105	80 - 120
Vanadium	0.500	0.5149		mg/L		103	80 - 120
Zinc	0.500	0.5364		mg/L		107	80 - 120

Lab Sample ID: LCSD 570-125645/3-A
Matrix: Water
Analysis Batch: 126248

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 125645

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.500	0.5109		mg/L		102	80 - 120	2	20
Barium	0.500	0.5648		mg/L		113	80 - 120	3	20
Cadmium	0.500	0.5231		mg/L		105	80 - 120	3	20
Calcium	0.500	0.5420	J	mg/L		108	80 - 120	3	20
Chromium	0.500	0.4794		mg/L		96	80 - 120	5	20
Copper	0.500	0.5308		mg/L		106	80 - 120	4	20
Iron	0.500	0.5501		mg/L		110	80 - 120	0	20
Lead	0.500	0.5346		mg/L		107	80 - 120	3	20
Magnesium	0.500	0.5701		mg/L		114	80 - 120	0	20
Manganese	0.500	0.5277		mg/L		106	80 - 120	5	20
Molybdenum	0.500	0.5296		mg/L		106	80 - 120	3	20
Nickel	0.500	0.5104		mg/L		102	80 - 120	4	20
Potassium	5.00	4.926		mg/L		99	80 - 120	0	20
Selenium	0.500	0.5009		mg/L		100	80 - 120	0	20
Silver	0.250	0.2646		mg/L		106	80 - 120	4	20
Sodium	5.00	5.082		mg/L		102	80 - 120	0	20
Thallium	0.500	0.5467		mg/L		109	80 - 120	4	20
Vanadium	0.500	0.5435		mg/L		109	80 - 120	5	20
Zinc	0.500	0.5450		mg/L		109	80 - 120	2	20

Lab Sample ID: 570-48928-L-1-B MS ^5
Matrix: Water
Analysis Batch: 126248

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 125645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		0.500	0.5190		mg/L		104	80 - 140
Barium	0.0543		0.500	0.5984		mg/L		109	87 - 123
Cadmium	ND		0.500	0.5230		mg/L		105	82 - 124
Calcium	194		0.500	179.1	4	mg/L		-2946	77 - 113
Chromium	ND		0.500	0.4945		mg/L		99	86 - 122
Copper	ND		0.500	0.5261		mg/L		105	78 - 126
Iron	ND		0.500	ND		mg/L		NC	65 - 149
Lead	ND		0.500	0.5053		mg/L		101	84 - 120
Magnesium	43.0		0.500	39.79	4	mg/L		-648	56 - 140
Manganese	ND		0.500	0.4954		mg/L		99	86 - 116
Molybdenum	0.0333	J	0.500	0.5505		mg/L		103	78 - 126
Nickel	0.0591	J	0.500	0.5887		mg/L		106	84 - 120
Potassium	6.40	J F2	5.00	10.87		mg/L		90	83 - 131

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-48928-L-1-B MS ^5
Matrix: Water
Analysis Batch: 126248

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 125645

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	ND	F2	0.500	0.4778	J	mg/L		96	79 - 127
Silver	ND		0.250	0.2660		mg/L		106	86 - 128
Sodium	866		5.00	812.3	4	mg/L		-1064	73 - 127
Thallium	ND		0.500	0.5264		mg/L		105	79 - 121
Vanadium	ND		0.500	0.5236		mg/L		105	88 - 118
Zinc	ND		0.500	0.5586	J	mg/L		112	89 - 131

Lab Sample ID: 570-48928-L-1-C MSD ^5
Matrix: Water
Analysis Batch: 126248

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 125645

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		0.500	0.5080		mg/L		102	80 - 140	2	11
Barium	0.0543		0.500	0.6119		mg/L		112	87 - 123	2	6
Cadmium	ND		0.500	0.5295		mg/L		106	82 - 124	1	7
Calcium	194		0.500	186.6	4	mg/L		-1444	77 - 113	4	11
Chromium	ND		0.500	0.5139		mg/L		103	86 - 122	4	8
Copper	ND		0.500	0.5247		mg/L		105	78 - 126	0	7
Iron	ND		0.500	ND		mg/L		NC	65 - 149	NC	21
Lead	ND		0.500	0.5339		mg/L		107	84 - 120	6	7
Magnesium	43.0		0.500	41.62	4	mg/L		-284	56 - 140	4	11
Manganese	ND		0.500	0.5079		mg/L		102	86 - 116	2	7
Molybdenum	0.0333	J	0.500	0.5587		mg/L		105	78 - 126	1	7
Nickel	0.0591	J	0.500	0.5815		mg/L		104	84 - 120	1	7
Potassium	6.40	J F2	5.00	11.88	F2	mg/L		110	83 - 131	9	7
Selenium	ND	F2	0.500	0.5601	F2	mg/L		112	79 - 127	16	9
Silver	ND		0.250	0.2715		mg/L		109	86 - 128	2	7
Sodium	866		5.00	848.9	4	mg/L		-333	73 - 127	4	9
Thallium	ND		0.500	0.5305		mg/L		106	79 - 121	1	8
Vanadium	ND		0.500	0.5428		mg/L		109	88 - 118	4	7
Zinc	ND		0.500	0.5633	J	mg/L		113	89 - 131	1	8

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-125652/1-A
Matrix: Water
Analysis Batch: 125973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125652

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/29/21 15:50	02/01/21 10:05	1

Lab Sample ID: LCS 570-125652/2-A
Matrix: Water
Analysis Batch: 125973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.008358		mg/L		84	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-125652/3-A
Matrix: Water
Analysis Batch: 125973

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125652

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.0100	0.008826		mg/L		88	80 - 120	5	20

Lab Sample ID: 570-48928-L-2-C MS
Matrix: Water
Analysis Batch: 125973

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 125652

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND	F1	0.0100	0.004591	F1	mg/L		46	55 - 133		

Lab Sample ID: 570-48928-L-2-D MSD
Matrix: Water
Analysis Batch: 125973

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 125652

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND	F1	0.0100	0.004623	F1	mg/L		46	55 - 133	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-124613/10
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1
Bicarbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1
Carbonate (as CaCO3)	ND		5.00	1.69	mg/L			01/25/21 22:28	1

Lab Sample ID: LCS 570-124613/8
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity, Total (As CaCO3)			100	94.35		mg/L		94	80 - 120		

Lab Sample ID: LCSD 570-124613/9
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			100	95.83		mg/L		96	80 - 120	2	20

Lab Sample ID: 570-48815-A-5 DU
Matrix: Water
Analysis Batch: 124613

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	134			133.8		mg/L				0.3	25
Bicarbonate (as CaCO3)	134			133.8		mg/L				0.3	25
Carbonate (as CaCO3)	ND			ND		mg/L				NC	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-123630/1
Matrix: Water
Analysis Batch: 123630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		0.400	0.348	mg/L			01/21/21 07:43	1

Lab Sample ID: LCS 570-123630/2
Matrix: Water
Analysis Batch: 123630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			100	102.5		mg/L		103	84 - 108		

Lab Sample ID: LCSD 570-123630/3
Matrix: Water
Analysis Batch: 123630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids			100	95.00		mg/L		95	84 - 108	8	10

Lab Sample ID: 570-48922-B-1 DU
Matrix: Water
Analysis Batch: 123630

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	745			785.0		mg/L				5	10

GC/MS VOA

Analysis Batch: 124265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-2	MW-20	Total/NA	Water	8260B	
570-48929-3	MW-16	Total/NA	Water	8260B	
570-48929-4	QCTB	Total/NA	Water	8260B	
570-48929-5	QCEB	Total/NA	Water	8260B	
570-48929-6	MW-18	Total/NA	Water	8260B	
570-48929-7	MW-24	Total/NA	Water	8260B	
570-48929-8	MW-23	Total/NA	Water	8260B	
570-48929-9	MW-21R	Total/NA	Water	8260B	
MB 570-124265/7	Method Blank	Total/NA	Water	8260B	
LCS 570-124265/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-124265/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 124974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Total/NA	Water	8260B	
MB 570-124974/7	Method Blank	Total/NA	Water	8260B	
LCS 570-124974/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-124974/5	Lab Control Sample Dup	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 123652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Total/NA	Water	300.0	
570-48929-2	MW-20	Total/NA	Water	300.0	
570-48929-3	MW-16	Total/NA	Water	300.0	
570-48929-6	MW-18	Total/NA	Water	300.0	
570-48929-7	MW-24	Total/NA	Water	300.0	
570-48929-8	MW-23	Total/NA	Water	300.0	
570-48929-9	MW-21R	Total/NA	Water	300.0	
MB 570-123652/10	Method Blank	Total/NA	Water	300.0	
LCS 570-123652/11	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-123652/12	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48929-1 MS	TPMW-01	Total/NA	Water	300.0	
570-48929-1 MSD	TPMW-01	Total/NA	Water	300.0	

Analysis Batch: 123954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1 - DL	TPMW-01	Total/NA	Water	300.0	
570-48929-2 - DL	MW-20	Total/NA	Water	300.0	
570-48929-3 - DL	MW-16	Total/NA	Water	300.0	
570-48929-7 - DL	MW-24	Total/NA	Water	300.0	
570-48929-8 - DL	MW-23	Total/NA	Water	300.0	
570-48929-9 - DL	MW-21R	Total/NA	Water	300.0	
MB 570-123954/10	Method Blank	Total/NA	Water	300.0	
LCS 570-123954/11	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-123954/12	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48929-1 MS - DL	TPMW-01	Total/NA	Water	300.0	
570-48929-1 MSD - DL	TPMW-01	Total/NA	Water	300.0	

HPLC/IC

Analysis Batch: 123955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1 - DL	TPMW-01	Total/NA	Water	300.0	
570-48929-2 - DL	MW-20	Total/NA	Water	300.0	
570-48929-3 - DL	MW-16	Total/NA	Water	300.0	
570-48929-6 - DL	MW-18	Total/NA	Water	300.0	
570-48929-7 - DL	MW-24	Total/NA	Water	300.0	
570-48929-8 - DL	MW-23	Total/NA	Water	300.0	
570-48929-9 - DL	MW-21R	Total/NA	Water	300.0	
MB 570-123955/10	Method Blank	Total/NA	Water	300.0	
LCS 570-123955/11	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-123955/12	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48929-1 MS - DL	TPMW-01	Total/NA	Water	300.0	
570-48929-1 MSD - DL	TPMW-01	Total/NA	Water	300.0	

Metals

Prep Batch: 125645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Dissolved	Water	3005A	
570-48929-1 - DL	TPMW-01	Dissolved	Water	3005A	
570-48929-2	MW-20	Dissolved	Water	3005A	
570-48929-2 - DL	MW-20	Dissolved	Water	3005A	
570-48929-3 - DL	MW-16	Dissolved	Water	3005A	
570-48929-3	MW-16	Dissolved	Water	3005A	
570-48929-6	MW-18	Dissolved	Water	3005A	
570-48929-6 - DL	MW-18	Dissolved	Water	3005A	
570-48929-7 - DL	MW-24	Dissolved	Water	3005A	
570-48929-7	MW-24	Dissolved	Water	3005A	
570-48929-8 - DL	MW-23	Dissolved	Water	3005A	
570-48929-8	MW-23	Dissolved	Water	3005A	
570-48929-9 - DL	MW-21R	Dissolved	Water	3005A	
570-48929-9	MW-21R	Dissolved	Water	3005A	
MB 570-125645/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-125645/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-125645/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
570-48928-L-1-B MS ^5	Matrix Spike	Dissolved	Water	3005A	
570-48928-L-1-C MSD ^5	Matrix Spike Duplicate	Dissolved	Water	3005A	

Prep Batch: 125652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Dissolved	Water	7470A	
570-48929-2	MW-20	Dissolved	Water	7470A	
570-48929-3	MW-16	Dissolved	Water	7470A	
570-48929-6	MW-18	Dissolved	Water	7470A	
570-48929-7	MW-24	Dissolved	Water	7470A	
570-48929-8	MW-23	Dissolved	Water	7470A	
570-48929-9	MW-21R	Dissolved	Water	7470A	
MB 570-125652/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-125652/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-125652/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-48928-L-2-C MS	Matrix Spike	Dissolved	Water	7470A	
570-48928-L-2-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Metals

Analysis Batch: 125973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Dissolved	Water	7470A	125652
570-48929-2	MW-20	Dissolved	Water	7470A	125652
570-48929-3	MW-16	Dissolved	Water	7470A	125652
570-48929-6	MW-18	Dissolved	Water	7470A	125652
570-48929-7	MW-24	Dissolved	Water	7470A	125652
570-48929-8	MW-23	Dissolved	Water	7470A	125652
570-48929-9	MW-21R	Dissolved	Water	7470A	125652
MB 570-125652/1-A	Method Blank	Total/NA	Water	7470A	125652
LCS 570-125652/2-A	Lab Control Sample	Total/NA	Water	7470A	125652
LCSD 570-125652/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	125652
570-48928-L-2-C MS	Matrix Spike	Dissolved	Water	7470A	125652
570-48928-L-2-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	125652

Analysis Batch: 126248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Dissolved	Water	6010B	125645
570-48929-2	MW-20	Dissolved	Water	6010B	125645
570-48929-3	MW-16	Dissolved	Water	6010B	125645
570-48929-6	MW-18	Dissolved	Water	6010B	125645
570-48929-7	MW-24	Dissolved	Water	6010B	125645
570-48929-8	MW-23	Dissolved	Water	6010B	125645
570-48929-9	MW-21R	Dissolved	Water	6010B	125645
MB 570-125645/1-A	Method Blank	Total Recoverable	Water	6010B	125645
LCS 570-125645/2-A	Lab Control Sample	Total Recoverable	Water	6010B	125645
LCSD 570-125645/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	125645
570-48928-L-1-B MS ^5	Matrix Spike	Dissolved	Water	6010B	125645
570-48928-L-1-C MSD ^5	Matrix Spike Duplicate	Dissolved	Water	6010B	125645

Analysis Batch: 126333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1 - DL	TPMW-01	Dissolved	Water	6010B	125645
570-48929-2 - DL	MW-20	Dissolved	Water	6010B	125645
570-48929-3 - DL	MW-16	Dissolved	Water	6010B	125645
570-48929-6 - DL	MW-18	Dissolved	Water	6010B	125645
570-48929-7 - DL	MW-24	Dissolved	Water	6010B	125645
570-48929-8 - DL	MW-23	Dissolved	Water	6010B	125645
570-48929-9 - DL	MW-21R	Dissolved	Water	6010B	125645

General Chemistry

Analysis Batch: 123630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Total/NA	Water	SM 2540C	
570-48929-2	MW-20	Total/NA	Water	SM 2540C	
570-48929-3	MW-16	Total/NA	Water	SM 2540C	
570-48929-6	MW-18	Total/NA	Water	SM 2540C	
570-48929-7	MW-24	Total/NA	Water	SM 2540C	
570-48929-8	MW-23	Total/NA	Water	SM 2540C	
570-48929-9	MW-21R	Total/NA	Water	SM 2540C	
MB 570-123630/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-123630/2	Lab Control Sample	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 123630 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-123630/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-48922-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 124613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48929-1	TPMW-01	Total/NA	Water	SM 2320B	
570-48929-2	MW-20	Total/NA	Water	SM 2320B	
570-48929-3	MW-16	Total/NA	Water	SM 2320B	
570-48929-6	MW-18	Total/NA	Water	SM 2320B	
570-48929-7	MW-24	Total/NA	Water	SM 2320B	
570-48929-8	MW-23	Total/NA	Water	SM 2320B	
570-48929-9	MW-21R	Total/NA	Water	SM 2320B	
MB 570-124613/10	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-124613/8	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-124613/9	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-48815-A-5 DU	Duplicate	Total/NA	Water	SM 2320B	

Client Sample ID: TPMW-01

Date Collected: 01/20/21 11:40
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	20 mL	20 mL	124974	01/27/21 18:32	UJHB	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		5			123652	01/21/21 14:56	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0	DL	100			123954	01/22/21 18:33	P6WT	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0	DL	100			123955	01/22/21 18:33	P6WT	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			126248	02/01/21 18:32	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126333	02/02/21 11:19	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	7470A			50 mL	100 mL	125652	01/29/21 15:50	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125973	02/01/21 10:31	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 23:45	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123630	01/21/21 07:43	ULIN	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-20

Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124265	01/24/21 21:44	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		5			123652	01/21/21 16:49	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0	DL	100			123954	01/22/21 19:34	P6WT	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0	DL	100			123955	01/22/21 19:34	P6WT	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			126248	02/01/21 18:35	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126333	02/02/21 11:22	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	7470A			50 mL	100 mL	125652	01/29/21 15:50	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125973	02/01/21 10:33	MD3A	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR Former Rendering Plant

Job ID: 570-48929-1

Client Sample ID: MW-20

Date Collected: 01/20/21 13:46
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 23:51	UAPD	ECL 1
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123630	01/21/21 07:43	ULIN	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-16

Date Collected: 01/20/21 14:45
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124265	01/24/21 22:10	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		5			123652	01/21/21 17:27	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0	DL	100			123954	01/22/21 20:35	P6WT	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0	DL	100			123955	01/22/21 20:35	P6WT	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			126248	02/01/21 18:38	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126333	02/02/21 11:25	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	7470A			50 mL	100 mL	125652	01/29/21 15:50	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125973	02/01/21 10:35	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/25/21 23:58	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123630	01/21/21 07:43	ULIN	ECL 1
	Instrument ID: BAL87									

Client Sample ID: QCTB

Date Collected: 01/20/21 07:00
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124265	01/24/21 17:03	OH1	ECL 2
	Instrument ID: GCMSVV									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR Former Rendering Plant

Job ID: 570-48929-1

Client Sample ID: QCEB

Date Collected: 01/20/21 15:38
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124265	01/24/21 17:28	OH1	ECL 2
	Instrument ID: GCMSVV									

Client Sample ID: MW-18

Date Collected: 01/20/21 09:16
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	124265	01/24/21 22:36	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		10			123652	01/21/21 18:05	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0	DL	200			123955	01/22/21 20:55	P6WT	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			126248	02/01/21 18:41	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126333	02/02/21 11:28	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	7470A			50 mL	100 mL	125652	01/29/21 15:50	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125973	02/01/21 10:37	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/26/21 00:04	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	5 mL	20 mL	123630	01/21/21 07:43	ULIN	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-24

Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	20 mL	20 mL	124265	01/24/21 23:01	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		20			123652	01/21/21 18:42	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0	DL	400			123954	01/22/21 21:16	P6WT	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0	DL	400			123955	01/22/21 21:16	P6WT	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			126248	02/01/21 18:44	UWCT	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR Former Rendering Plant

Job ID: 570-48929-1

Client Sample ID: MW-24

Date Collected: 01/20/21 10:23
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A	DL		50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126333	02/02/21 11:31	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	7470A			50 mL	100 mL	125652	01/29/21 15:50	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125973	02/01/21 10:39	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/26/21 00:11	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	5 mL	20 mL	123630	01/21/21 07:43	ULIN	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-23

Date Collected: 01/20/21 11:36
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		400	20 mL	20 mL	124265	01/24/21 23:27	OH1	ECL 2
	Instrument ID: GCMSVV									
Total/NA	Analysis	300.0		5			123652	01/21/21 19:20	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0	DL	100			123954	01/22/21 21:36	P6WT	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0	DL	100			123955	01/22/21 21:36	P6WT	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			126248	02/01/21 18:48	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126333	02/02/21 11:35	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	7470A			50 mL	100 mL	125652	01/29/21 15:50	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125973	02/01/21 10:41	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/26/21 00:18	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123630	01/21/21 07:43	ULIN	ECL 1
	Instrument ID: BAL87									

Client Sample ID: MW-21R

Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	20 mL	20 mL	124265	01/24/21 23:52	OH1	ECL 2
	Instrument ID: GCMSVV									

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR Former Rendering Plant

Job ID: 570-48929-1

Client Sample ID: MW-21R

Date Collected: 01/20/21 13:59
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48929-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20			123652	01/21/21 19:58	URMH	ECL 1
Total/NA	Analysis	300.0	DL	200			123954	01/22/21 21:56	P6WT	ECL 1
	Instrument ID: IC7									
Total/NA	Analysis	300.0	DL	200			123955	01/22/21 21:56	P6WT	ECL 1
	Instrument ID: IC7									
Dissolved	Prep	3005A			50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B		1			126248	02/01/21 18:51	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	3005A	DL		50 mL	50 mL	125645	01/29/21 15:15	TKQ6	ECL 1
Dissolved	Analysis	6010B	DL	10			126333	02/02/21 11:38	UWCT	ECL 1
	Instrument ID: ICP9									
Dissolved	Prep	7470A			50 mL	100 mL	125652	01/29/21 15:50	TKQ6	ECL 1
Dissolved	Analysis	7470A		1			125973	02/01/21 10:43	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2320B		1	35 mL	35 mL	124613	01/26/21 00:24	UAPD	ECL 1
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	10 mL	20 mL	123630	01/21/21 07:43	ULIN	ECL 1
	Instrument ID: BAL87									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48929-1
Project/Site: OMAR Former Rendering Plant

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR Former Rendering Plant

Job ID: 570-48929-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-48929-1	TPMW-01	Water	01/20/21 11:40	01/20/21 18:50	
570-48929-2	MW-20	Water	01/20/21 13:46	01/20/21 18:50	
570-48929-3	MW-16	Water	01/20/21 14:45	01/20/21 18:50	
570-48929-4	QCTB	Water	01/20/21 07:00	01/20/21 18:50	
570-48929-5	QCEB	Water	01/20/21 15:38	01/20/21 18:50	
570-48929-6	MW-18	Water	01/20/21 09:16	01/20/21 18:50	
570-48929-7	MW-24	Water	01/20/21 10:23	01/20/21 18:50	
570-48929-8	MW-23	Water	01/20/21 11:36	01/20/21 18:50	
570-48929-9	MW-21R	Water	01/20/21 13:59	01/20/21 18:50	

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

570-48929 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 1/21/2020
PAGE: 1 OF 2

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com

CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant
P.O. NO.: PO# 215324/Task#102405
PROJECT CONTACT: Tracy Rich
SAMPLER(S): (PRINT) BBC

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS

☒ COELT EDF | GLOBAL ID: L10003156547 | LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3)
Note1 As,Ba,Cd,Cr,Cu,Pb,Hg,Mo,Ni,Se,Ag,Tl,V,Zn
Note 2. Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total, HCO3, CO3) EPA 300.0 Anions (Chloride, Sulfate, Nitrate, o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs
1	TPMW-01	1/20/21	1140	W	7	3	4	1	X	X	X	X	X	
2	MW-20	1/20/21	1346	W	7	3	4	1	X	X	X	X	X	
3	MW-16	1/20/21	1445	W	7	3	4	1	X	X	X	X	X	
4	QCTB	1/20/21	0700	W	2		2						X	
5	QCEB	1/20/21	1538	W	3		3						X	
6														
7														
8														
9														
10														

Containers:
- 2x250mL Poly-SM2320B, EPA 300.0
- 1L Poly-SM 2540C TDS
- 250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd)
- 3x40mL VOA vials with HCl EPA 8260B. Collect 6 vials from one of the wells for MS/MSD.
- 1L Amber Glass 8270C SVOCs. Collect 3 ambers from one the wells for MS/MSD.

	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	EQ	1/20/21	1555
Relinquished by: (Signature)	ECI	01/20/21	1850
Relinquished by: (Signature)		Date:	Time:

08/10/16 Revision

4.7/3.6 4.5/3.4 SC6

48929

eurofins | Calscience

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL. (714) 895-5494 . FAX. (714) 894-7501

WO #/ LAB USE ONLY

CHAIN OF CUSTODY RECORD

DATE: 20210120
PAGE: 1052 OF 2

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com

CLIENT PROJECT NAME / NUMBER: Omar Former Rendering Plant - NEW PROGRAM
PROJECT CONTACT: Tracy Rich
P.O. NO.: PO# 215324/Task#102405
SAMPLER(S): (PRINT) BBC

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ 10 DAYS

✠ COELT EDF | GLOBAL ID: L10003156547 | LOG CODE: SHAS

SPECIAL INSTRUCTIONS:
Samples for dissolved metals needs to be field filtered & preserved (HNO3)
Note1 As,Ba,Cd,Cr,Cu,Pb,Hg,Mo,Ni,Se,Ag,Tl,V,Zn
Note 2. Ca,Fe,Mg,Mn,Na,K only
Requires excel edd besides Geotracker edf

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved with HCl or HNO3	Field Filtered	SM 2320B Alkalinity (Total HCO3, CO3), EPA 300.0 Anions (Chloride Sulfate Nitrate, o-Phosphate)	SM 2540C TDS	EPA 6010B/7470A Note 1 for Dissolved Metals	EPA 6010B Note 2 for Dissolved Cations	EPA 8260B VOCs+Oxygenates (Low Level)	EPA 8270C SVOCs
6	MW-18	20210120	0916	W	7	3	4	1	X	X	X	X	X	
7	MW-24	20210120	1023	W	7	3	4	1	X	X	X	X	X	
8	MW-23	20210120	1136	W	7	3	4	1	X	X	X	X	X	
9	MW-21R	20210120	1359	W	7	3	4	1	X	X	X	X	X	
5	ACTrod													
6														
7														
8														
9														
10														

Containers
2x250mL Poly-SM2320B, EPA 300.0
1L Poly-SM 2540C TDS
250mL Poly with HNO3 - EPA 6010B/7470A (Field Filterd)
3x40mL VOA vials with HCl EPA 8260B Collect 6 vials from one of the wells for MS/MSD.
1L Amber Glass 8270C SVOCs. Collect 3 ambers from one the wells for MS/MSD

		Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECI	1/20/21	1555
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	01/20/21	1850
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

08/10/16 Revision

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-48929-1

Login Number: 48929
List Number: 1
Creator: Cortez Diaz, Antonio

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E
Waste Manifests and Drum Sample Analytical Data

Fall 2020

Patriot Environmental Services

INVOICE# 04-20-00535-1
PURCHASE ORDER# 213705 OS
CO # 00631

INVOICE

Customer

Name	APTIM (Formerly CB&I)
Address	18100 Von Karman, Suite #450
City	Irvine State CA ZIP 92612
Attn	Matt Curtis

Date	December 9, 2020
Job #	04-20-00535
Rep	Lance Klein
Terms	Net 30

Date	Description	QTY	Rate	Unit Price
	Job Loacation: Otay Mesa Ventures; 4826 Otay Valley Rd. Chula Vista, CA			
11/03/20	Provide Personnel, Materials and Equipment to Pick Up Waste and Transport to Disposal Facility.	1	$350.00	$350.00
11/17/20	Transport Waste to Disposal Facility.	1	$495.00	$495.00
11/17/20	Disposal - (1) Drum	1	$95.00	$95.00
			Amount Due	$940.00

Note: Invoices paid after the due date will be subject to a service fee of 1.5% per month.

Please Make Checks Payable & Remit To:
Patriot Environmental Services
P O Box 1091
Long Beach, CA 90801-1091

Thank You For Choosing Patriot Environmental Services

3464 Pickett Street • San Diego, CA 92110 • www.patriotenvironmental.com
Emergency: (800) 624-9136 • Phone: (619) 449-9014 • FAX: (619) 296-1774

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Exempt
2. Page 1 of: 1
3. Emergency Response Phone: (800) 624-9136
4. Waste Tracking Number: NH 0220635

GENERATOR

5. Generator's Name and Mailing Address
Otay Mesa Ventures III, LLC
4826 Auto Park Dr.
Chula Vista, CA 91911
Generator's Phone: (619) 446-4502

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Patriot Environmental Services
U.S. EPA ID Number: CAD 053 866 794

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Patriot Environmental Services
2840 E. Miraloma
Anaheim, CA 92806
Facility's Phone: (714) 551-9881
U.S. EPA ID Number: CAD 053 866 794

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste, Liquid (purge water)	1	DM	15	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Profile No. PAN-17-D0074
PES Job No. 04-20-00535
1X55 GTM
Always wear proper PPE when handling waste

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Lance Klein (agent for Otay Mesa Ventures III)
Signature:
Month: 11 Day: 3 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: ROBERT CARDOZA
Signature:
Month: 11 Day: 3 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Kristine McBride
Signature:
Month: 11 Day: 17 Year: 20

GC Labels • Printed in the USA
1-800-997-6968

DESIGNATED FACILITY TO GENERATOR

Reorder Part# MANIFEST-C6NHWC
913-897-6966

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-35707-1
Client Project/Site: Omar - Disposal Analyses

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
8/26/2020 4:30:20 PM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Surrogate Summary 11
QC Sample Results 12
QC Association Summary 21
Lab Chronicle 23
Certification Summary 24
Method Summary 25
Sample Summary 26
Chain of Custody 27
Receipt Checklists 28

Definitions/Glossary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Job ID: 570-35707-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-35707-1

Comments
No additional comments.

Receipt
The sample was received on 8/12/2020 7:00 PM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.3º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-88216.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 1664A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-89344. LCS/D performed to meet QC requirement.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Client Sample ID: DRUM-1
Lab Sample ID: 570-35707-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	130		40	16	ug/L	4		8260B	Total/NA
Bromodichloromethane	0.72	J	2.0	0.21	ug/L	4		8260B	Total/NA
Chloroform	0.67	J	2.0	0.25	ug/L	4		8260B	Total/NA
Dibromochloromethane	0.73	J	2.0	0.25	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	0.47	J	2.0	0.24	ug/L	4		8260B	Total/NA
4-Methyl-2-pentanone	6.2	J	20	1.7	ug/L	4		8260B	Total/NA
tert-Butyl alcohol (TBA)	38	J	40	16	ug/L	4		8260B	Total/NA
Trichloroethene	2.5		2.0	0.41	ug/L	4		8260B	Total/NA
Barium	0.0997		0.0100	0.00308	mg/L	1		6010B	Total/NA
Cadmium	0.00216	J	0.0100	0.00210	mg/L	1		6010B	Total/NA
Chromium	0.0293	J	0.0500	0.00688	mg/L	1		6010B	Total/NA
Copper	0.0167	J	0.0500	0.00614	mg/L	1		6010B	Total/NA
Lead	0.0278	J	0.0500	0.00821	mg/L	1		6010B	Total/NA
Molybdenum	0.0132	J	0.0500	0.00509	mg/L	1		6010B	Total/NA
Nickel	0.141		0.0500	0.00784	mg/L	1		6010B	Total/NA
Thallium	0.0183	J	0.0500	0.0161	mg/L	1		6010B	Total/NA
Mercury	0.000445	J	0.000500	0.000141	mg/L	1		7470A	Total/NA
HEM-SGT: Oil and Grease	3.63		0.982	0.791	mg/L	1		1664A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DRUM-1
Lab Sample ID: 570-35707-1
Date Collected: 08/12/20 12:20
Matrix: Water
Date Received: 08/12/20 19:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**130**		40	16	ug/L			08/17/20 18:55	4
Benzene	ND		2.0	0.29	ug/L			08/17/20 18:55	4
Bromobenzene	ND		2.0	0.24	ug/L			08/17/20 18:55	4
Bromochloromethane	ND		4.0	0.33	ug/L			08/17/20 18:55	4
Bromodichloromethane	**0.72**	**J**	2.0	0.21	ug/L			08/17/20 18:55	4
Bromoform	ND		2.0	0.39	ug/L			08/17/20 18:55	4
Bromomethane	ND		8.0	4.0	ug/L			08/17/20 18:55	4
2-Butanone	ND		20	1.8	ug/L			08/17/20 18:55	4
Carbon disulfide	ND		40	1.5	ug/L			08/17/20 18:55	4
Carbon tetrachloride	ND		2.0	0.23	ug/L			08/17/20 18:55	4
Chlorobenzene	ND		2.0	0.35	ug/L			08/17/20 18:55	4
Chloroethane	ND		2.0	0.47	ug/L			08/17/20 18:55	4
Chloroform	**0.67**	**J**	2.0	0.25	ug/L			08/17/20 18:55	4
Chloromethane	ND		20	7.8	ug/L			08/17/20 18:55	4
2-Chlorotoluene	ND		2.0	0.23	ug/L			08/17/20 18:55	4
4-Chlorotoluene	ND		2.0	0.36	ug/L			08/17/20 18:55	4
c-1,2-Dichloroethene	ND		2.0	0.43	ug/L			08/17/20 18:55	4
c-1,3-Dichloropropene	ND		2.0	0.38	ug/L			08/17/20 18:55	4
Dibromochloromethane	**0.73**	**J**	2.0	0.25	ug/L			08/17/20 18:55	4
1,2-Dibromo-3-Chloropropane	ND		20	2.1	ug/L			08/17/20 18:55	4
1,2-Dibromoethane	ND		2.0	0.24	ug/L			08/17/20 18:55	4
Dibromomethane	ND		2.0	0.50	ug/L			08/17/20 18:55	4
1,2-Dichlorobenzene	ND		2.0	0.33	ug/L			08/17/20 18:55	4
1,3-Dichlorobenzene	ND		2.0	0.39	ug/L			08/17/20 18:55	4
1,4-Dichlorobenzene	ND		2.0	0.29	ug/L			08/17/20 18:55	4
Dichlorodifluoromethane	ND		4.0	0.40	ug/L			08/17/20 18:55	4
1,1-Dichloroethane	**0.47**	**J**	2.0	0.24	ug/L			08/17/20 18:55	4
1,2-Dichloroethane	ND		2.0	0.30	ug/L			08/17/20 18:55	4
1,1-Dichloroethene	ND	*	2.0	0.41	ug/L			08/17/20 18:55	4
1,2-Dichloropropane	ND		2.0	0.39	ug/L			08/17/20 18:55	4
1,3-Dichloropropane	ND		4.0	0.33	ug/L			08/17/20 18:55	4
2,2-Dichloropropane	ND		4.0	1.5	ug/L			08/17/20 18:55	4
1,1-Dichloropropene	ND		2.0	0.28	ug/L			08/17/20 18:55	4
Di-isopropyl ether (DIPE)	ND		2.0	0.28	ug/L			08/17/20 18:55	4
Ethanol	ND		200	80	ug/L			08/17/20 18:55	4
Ethylbenzene	ND		2.0	0.35	ug/L			08/17/20 18:55	4
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.34	ug/L			08/17/20 18:55	4
2-Hexanone	ND		40	2.0	ug/L			08/17/20 18:55	4
Isopropylbenzene	ND		2.0	0.31	ug/L			08/17/20 18:55	4
Methylene Chloride	ND		4.0	0.17	ug/L			08/17/20 18:55	4
4-Methyl-2-pentanone	**6.2**	**J**	20	1.7	ug/L			08/17/20 18:55	4
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.27	ug/L			08/17/20 18:55	4
m,p-Xylene	ND		4.0	0.59	ug/L			08/17/20 18:55	4
Naphthalene	ND		4.0	0.39	ug/L			08/17/20 18:55	4
n-Butylbenzene	ND		2.0	0.43	ug/L			08/17/20 18:55	4
N-Propylbenzene	ND		2.0	0.31	ug/L			08/17/20 18:55	4
o-Xylene	ND		2.0	0.34	ug/L			08/17/20 18:55	4
p-Isopropyltoluene	ND		2.0	0.29	ug/L			08/17/20 18:55	4
sec-Butylbenzene	ND		2.0	0.38	ug/L			08/17/20 18:55	4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DRUM-1
Date Collected: 08/12/20 12:20
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35707-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.23	ug/L			08/17/20 18:55	4
Tert-amyl-methyl ether (TAME)	ND		2.0	0.40	ug/L			08/17/20 18:55	4
tert-Butyl alcohol (TBA)	**38**	**J**	40	16	ug/L			08/17/20 18:55	4
tert-Butylbenzene	ND		2.0	0.33	ug/L			08/17/20 18:55	4
1,1,1,2-Tetrachloroethane	ND		2.0	0.28	ug/L			08/17/20 18:55	4
1,1,2,2-Tetrachloroethane	ND		2.0	0.35	ug/L			08/17/20 18:55	4
Tetrachloroethene	ND		2.0	0.97	ug/L			08/17/20 18:55	4
Toluene	ND		2.0	0.37	ug/L			08/17/20 18:55	4
t-1,2-Dichloroethene	ND		2.0	0.33	ug/L			08/17/20 18:55	4
t-1,3-Dichloropropene	ND		2.0	0.21	ug/L			08/17/20 18:55	4
1,2,3-Trichlorobenzene	ND		2.0	0.47	ug/L			08/17/20 18:55	4
1,2,4-Trichlorobenzene	ND		2.0	0.36	ug/L			08/17/20 18:55	4
1,1,1-Trichloroethane	ND		2.0	0.34	ug/L			08/17/20 18:55	4
1,1,2-Trichloroethane	ND		2.0	0.28	ug/L			08/17/20 18:55	4
Trichloroethene	**2.5**		2.0	0.41	ug/L			08/17/20 18:55	4
Trichlorofluoromethane	ND		2.0	0.41	ug/L			08/17/20 18:55	4
1,2,3-Trichloropropane	ND		4.0	0.31	ug/L			08/17/20 18:55	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	2.0	0.50	ug/L			08/17/20 18:55	4
1,2,4-Trimethylbenzene	ND		2.0	0.27	ug/L			08/17/20 18:55	4
1,3,5-Trimethylbenzene	ND		2.0	0.31	ug/L			08/17/20 18:55	4
Vinyl acetate	ND		20	2.8	ug/L			08/17/20 18:55	4
Vinyl chloride	ND		2.0	0.31	ug/L			08/17/20 18:55	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*08/17/20 18:55*	*4*
Dibromofluoromethane (Surr)	*104*		*80 - 127*		*08/17/20 18:55*	*4*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*08/17/20 18:55*	*4*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/17/20 18:55*	*4*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method: 6010B - Metals (ICP)

Client Sample ID: DRUM-1
Date Collected: 08/12/20 12:20
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35707-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	0.0329	mg/L		08/24/20 13:10	08/25/20 11:35	1
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 13:10	08/25/20 11:35	1
Barium	**0.0997**		0.0100	0.00308	mg/L		08/24/20 13:10	08/25/20 11:35	1
Beryllium	ND		0.0100	0.00252	mg/L		08/24/20 13:10	08/25/20 11:35	1
Cadmium	**0.00216**	**J**	0.0100	0.00210	mg/L		08/24/20 13:10	08/25/20 11:35	1
Chromium	**0.0293**	**J**	0.0500	0.00688	mg/L		08/24/20 13:10	08/25/20 11:35	1
Cobalt	ND		0.0500	0.00362	mg/L		08/24/20 13:10	08/25/20 11:35	1
Copper	**0.0167**	**J**	0.0500	0.00614	mg/L		08/24/20 13:10	08/25/20 11:35	1
Lead	**0.0278**	**J**	0.0500	0.00821	mg/L		08/24/20 13:10	08/25/20 11:35	1
Molybdenum	**0.0132**	**J**	0.0500	0.00509	mg/L		08/24/20 13:10	08/25/20 11:35	1
Nickel	**0.141**		0.0500	0.00784	mg/L		08/24/20 13:10	08/25/20 11:35	1
Selenium	ND		0.100	0.0244	mg/L		08/24/20 13:10	08/25/20 11:35	1
Silver	ND		0.0100	0.00298	mg/L		08/24/20 13:10	08/25/20 11:35	1
Thallium	**0.0183**	**J**	0.0500	0.0161	mg/L		08/24/20 13:10	08/25/20 11:35	1
Vanadium	ND		0.0100	0.00297	mg/L		08/24/20 13:10	08/25/20 11:35	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 13:10	08/25/20 11:35	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method: 7470A - Mercury (CVAA)

Client Sample ID: DRUM-1
Date Collected: 08/12/20 12:20
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35707-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000445	J	0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 12:54	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

General Chemistry

Client Sample ID: DRUM-1
Date Collected: 08/12/20 12:20
Date Received: 08/12/20 19:00

Lab Sample ID: 570-35707-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM-SGT: Oil and Grease	3.63		0.982	0.791	mg/L		08/21/20 13:38	08/24/20 13:06	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar - Disposal Analyses

Job ID: 570-35707-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-35707-1	DRUM-1	94	104	109	100
LCS 570-88216/3	Lab Control Sample	101	101	104	99
LCSD 570-88216/4	Lab Control Sample Dup	101	100	104	101
MB 570-88216/6	Method Blank	94	103	109	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-88216/6
Matrix: Water
Analysis Batch: 88216

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ug/L			08/17/20 11:07	1
Benzene	ND		0.50	0.072	ug/L			08/17/20 11:07	1
Bromobenzene	ND		0.50	0.061	ug/L			08/17/20 11:07	1
Bromochloromethane	ND		1.0	0.082	ug/L			08/17/20 11:07	1
Bromodichloromethane	ND		0.50	0.053	ug/L			08/17/20 11:07	1
Bromoform	ND		0.50	0.096	ug/L			08/17/20 11:07	1
Bromomethane	ND		2.0	0.99	ug/L			08/17/20 11:07	1
2-Butanone	ND		5.0	0.46	ug/L			08/17/20 11:07	1
Carbon disulfide	ND		10	0.39	ug/L			08/17/20 11:07	1
Carbon tetrachloride	ND		0.50	0.057	ug/L			08/17/20 11:07	1
Chlorobenzene	ND		0.50	0.088	ug/L			08/17/20 11:07	1
Chloroethane	ND		0.50	0.12	ug/L			08/17/20 11:07	1
Chloroform	ND		0.50	0.062	ug/L			08/17/20 11:07	1
Chloromethane	ND		5.0	2.0	ug/L			08/17/20 11:07	1
2-Chlorotoluene	ND		0.50	0.058	ug/L			08/17/20 11:07	1
4-Chlorotoluene	ND		0.50	0.091	ug/L			08/17/20 11:07	1
c-1,2-Dichloroethene	ND		0.50	0.11	ug/L			08/17/20 11:07	1
c-1,3-Dichloropropene	ND		0.50	0.096	ug/L			08/17/20 11:07	1
Dibromochloromethane	ND		0.50	0.064	ug/L			08/17/20 11:07	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.51	ug/L			08/17/20 11:07	1
1,2-Dibromoethane	ND		0.50	0.059	ug/L			08/17/20 11:07	1
Dibromomethane	ND		0.50	0.13	ug/L			08/17/20 11:07	1
1,2-Dichlorobenzene	ND		0.50	0.082	ug/L			08/17/20 11:07	1
1,3-Dichlorobenzene	ND		0.50	0.098	ug/L			08/17/20 11:07	1
1,4-Dichlorobenzene	ND		0.50	0.073	ug/L			08/17/20 11:07	1
Dichlorodifluoromethane	ND		1.0	0.099	ug/L			08/17/20 11:07	1
1,1-Dichloroethane	ND		0.50	0.060	ug/L			08/17/20 11:07	1
1,2-Dichloroethane	ND		0.50	0.075	ug/L			08/17/20 11:07	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/17/20 11:07	1
1,2-Dichloropropane	ND		0.50	0.099	ug/L			08/17/20 11:07	1
1,3-Dichloropropane	ND		1.0	0.082	ug/L			08/17/20 11:07	1
2,2-Dichloropropane	ND		1.0	0.38	ug/L			08/17/20 11:07	1
1,1-Dichloropropene	ND		0.50	0.070	ug/L			08/17/20 11:07	1
Di-isopropyl ether (DIPE)	ND		0.50	0.070	ug/L			08/17/20 11:07	1
Ethanol	ND		50	20	ug/L			08/17/20 11:07	1
Ethylbenzene	ND		0.50	0.087	ug/L			08/17/20 11:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.085	ug/L			08/17/20 11:07	1
2-Hexanone	ND		10	0.50	ug/L			08/17/20 11:07	1
Isopropylbenzene	ND		0.50	0.077	ug/L			08/17/20 11:07	1
Methylene Chloride	ND		1.0	0.043	ug/L			08/17/20 11:07	1
4-Methyl-2-pentanone	ND		5.0	0.42	ug/L			08/17/20 11:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.067	ug/L			08/17/20 11:07	1
m,p-Xylene	ND		1.0	0.15	ug/L			08/17/20 11:07	1
Naphthalene	ND		1.0	0.097	ug/L			08/17/20 11:07	1
n-Butylbenzene	ND		0.50	0.11	ug/L			08/17/20 11:07	1
N-Propylbenzene	ND		0.50	0.076	ug/L			08/17/20 11:07	1
o-Xylene	ND		0.50	0.086	ug/L			08/17/20 11:07	1
p-Isopropyltoluene	ND		0.50	0.074	ug/L			08/17/20 11:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88216/6
Matrix: Water
Analysis Batch: 88216

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.095	ug/L			08/17/20 11:07	1
Styrene	ND		0.50	0.059	ug/L			08/17/20 11:07	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.10	ug/L			08/17/20 11:07	1
tert-Butyl alcohol (TBA)	ND		10	4.0	ug/L			08/17/20 11:07	1
tert-Butylbenzene	ND		0.50	0.082	ug/L			08/17/20 11:07	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.070	ug/L			08/17/20 11:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.087	ug/L			08/17/20 11:07	1
Tetrachloroethene	ND		0.50	0.24	ug/L			08/17/20 11:07	1
Toluene	ND		0.50	0.093	ug/L			08/17/20 11:07	1
t-1,2-Dichloroethene	ND		0.50	0.082	ug/L			08/17/20 11:07	1
t-1,3-Dichloropropene	ND		0.50	0.053	ug/L			08/17/20 11:07	1
1,2,3-Trichlorobenzene	ND		0.50	0.12	ug/L			08/17/20 11:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.089	ug/L			08/17/20 11:07	1
1,1,1-Trichloroethane	ND		0.50	0.084	ug/L			08/17/20 11:07	1
1,1,2-Trichloroethane	ND		0.50	0.069	ug/L			08/17/20 11:07	1
Trichloroethene	ND		0.50	0.10	ug/L			08/17/20 11:07	1
Trichlorofluoromethane	ND		0.50	0.10	ug/L			08/17/20 11:07	1
1,2,3-Trichloropropane	ND		1.0	0.076	ug/L			08/17/20 11:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.13	ug/L			08/17/20 11:07	1
1,2,4-Trimethylbenzene	ND		0.50	0.068	ug/L			08/17/20 11:07	1
1,3,5-Trimethylbenzene	ND		0.50	0.079	ug/L			08/17/20 11:07	1
Vinyl acetate	ND		5.0	0.70	ug/L			08/17/20 11:07	1
Vinyl chloride	ND		0.50	0.078	ug/L			08/17/20 11:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 120*		*08/17/20 11:07*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 127*		*08/17/20 11:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 128*		*08/17/20 11:07*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/17/20 11:07*	*1*

Lab Sample ID: LCS 570-88216/3
Matrix: Water
Analysis Batch: 88216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.13		ug/L		111	80 - 120
Carbon disulfide	10.0	12.59		ug/L		126	64 - 130
Carbon tetrachloride	10.0	12.04		ug/L		120	80 - 129
Chlorobenzene	10.0	10.78		ug/L		108	80 - 120
1,2-Dibromoethane	10.0	10.78		ug/L		108	80 - 120
1,2-Dichlorobenzene	10.0	10.59		ug/L		106	80 - 120
1,2-Dichloroethane	10.0	11.44		ug/L		114	80 - 122
1,1-Dichloroethene	10.0	12.72	* me	ug/L		127	77 - 120
Di-isopropyl ether (DIPE)	10.0	11.07		ug/L		111	73 - 121
Ethanol	100	88.08		ug/L		88	73 - 133
Ethylbenzene	10.0	11.03		ug/L		110	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	10.95		ug/L		109	76 - 124
Methyl-t-Butyl Ether (MTBE)	10.0	10.60		ug/L		106	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88216/3
Matrix: Water
Analysis Batch: 88216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			20.0	21.56		ug/L		108	80 - 120		
o-Xylene			10.0	10.97		ug/L		110	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	11.72		ug/L		117	80 - 120		
tert-Butyl alcohol (TBA)			50.0	50.26		ug/L		101	80 - 120		
Toluene			10.0	10.89		ug/L		109	80 - 120		
Trichloroethene			10.0	10.98		ug/L		110	80 - 120		
Vinyl chloride			10.0	10.79		ug/L		108	63 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-88216/4
Matrix: Water
Analysis Batch: 88216

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	10.91		ug/L		109	80 - 120	2	22
Carbon disulfide			10.0	12.38		ug/L		124	64 - 130	2	34
Carbon tetrachloride			10.0	11.70		ug/L		117	80 - 129	3	36
Chlorobenzene			10.0	10.57		ug/L		106	80 - 120	2	29
1,2-Dibromoethane			10.0	11.12		ug/L		111	80 - 120	3	32
1,2-Dichlorobenzene			10.0	10.72		ug/L		107	80 - 120	1	30
1,2-Dichloroethane			10.0	11.21		ug/L		112	80 - 122	2	23
1,1-Dichloroethene			10.0	12.35	* me	ug/L		124	77 - 120	3	26
Di-isopropyl ether (DIPE)			10.0	11.02		ug/L		110	73 - 121	0	26
Ethanol			100	101.2		ug/L		101	73 - 133	14	30
Ethylbenzene			10.0	10.78		ug/L		108	80 - 120	2	25
Ethyl-t-butyl ether (ETBE)			10.0	11.11		ug/L		111	76 - 124	1	30
Methyl-t-Butyl Ether (MTBE)			10.0	10.73		ug/L		107	75 - 123	1	27
m,p-Xylene			20.0	21.38		ug/L		107	80 - 120	1	30
o-Xylene			10.0	10.76		ug/L		108	80 - 120	2	30
Tert-amyl-methyl ether (TAME)			10.0	11.45		ug/L		115	80 - 120	2	24
tert-Butyl alcohol (TBA)			50.0	55.30		ug/L		111	80 - 120	10	30
Toluene			10.0	10.77		ug/L		108	80 - 120	1	28
Trichloroethene			10.0	10.87		ug/L		109	80 - 120	1	25
Vinyl chloride			10.0	10.43		ug/L		104	63 - 135	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-89931/1-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	0.0329	mg/L		08/24/20 13:10	08/25/20 10:41	1
Arsenic	ND		0.100	0.0181	mg/L		08/24/20 13:10	08/25/20 10:41	1
Barium	ND		0.0100	0.00308	mg/L		08/24/20 13:10	08/25/20 10:41	1
Beryllium	ND		0.0100	0.00252	mg/L		08/24/20 13:10	08/25/20 10:41	1
Cadmium	ND		0.0100	0.00210	mg/L		08/24/20 13:10	08/25/20 10:41	1
Chromium	ND		0.0500	0.00688	mg/L		08/24/20 13:10	08/25/20 10:41	1
Cobalt	ND		0.0500	0.00362	mg/L		08/24/20 13:10	08/25/20 10:41	1
Copper	ND		0.0500	0.00614	mg/L		08/24/20 13:10	08/25/20 10:41	1
Lead	ND		0.0500	0.00821	mg/L		08/24/20 13:10	08/25/20 10:41	1
Molybdenum	ND		0.0500	0.00509	mg/L		08/24/20 13:10	08/25/20 10:41	1
Nickel	ND		0.0500	0.00784	mg/L		08/24/20 13:10	08/25/20 10:41	1
Selenium	ND		0.100	0.0244	mg/L		08/24/20 13:10	08/25/20 10:41	1
Silver	0.004426	J	0.0100	0.00298	mg/L		08/24/20 13:10	08/25/20 10:41	1
Thallium	ND		0.0500	0.0161	mg/L		08/24/20 13:10	08/25/20 10:41	1
Vanadium	ND		0.0100	0.00297	mg/L		08/24/20 13:10	08/25/20 10:41	1
Zinc	ND		0.250	0.0682	mg/L		08/24/20 13:10	08/25/20 10:41	1

Lab Sample ID: LCS 570-89931/2-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.4997		mg/L		100	80 - 120
Arsenic	0.500	0.4925		mg/L		98	80 - 120
Barium	0.500	0.5426		mg/L		109	80 - 120
Beryllium	0.500	0.5002		mg/L		100	80 - 120
Cadmium	0.500	0.5154		mg/L		103	80 - 120
Chromium	0.500	0.5096		mg/L		102	80 - 120
Cobalt	0.500	0.5165		mg/L		103	80 - 120
Copper	0.500	0.5340		mg/L		107	80 - 120
Lead	0.500	0.5340		mg/L		107	80 - 120
Molybdenum	0.500	0.4849		mg/L		97	80 - 120
Nickel	0.500	0.5218		mg/L		104	80 - 120
Selenium	0.500	0.4991		mg/L		100	80 - 120
Silver	0.250	0.2685		mg/L		107	80 - 120
Thallium	0.500	0.5152		mg/L		103	80 - 120
Vanadium	0.500	0.4983		mg/L		100	80 - 120
Zinc	0.500	0.5295		mg/L		106	80 - 120

Lab Sample ID: LCSD 570-89931/3-A
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89931

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.500	0.4963		mg/L		99	80 - 120	1	20
Arsenic	0.500	0.5027		mg/L		101	80 - 120	2	20
Barium	0.500	0.5468		mg/L		109	80 - 120	1	20
Beryllium	0.500	0.5016		mg/L		100	80 - 120	0	20
Cadmium	0.500	0.5207		mg/L		104	80 - 120	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-89931/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 90161
Prep Batch: 89931

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium			0.500	0.5096		mg/L		102	80 - 120	0	20
Cobalt			0.500	0.5209		mg/L		104	80 - 120	1	20
Copper			0.500	0.5353		mg/L		107	80 - 120	0	20
Lead			0.500	0.5446		mg/L		109	80 - 120	2	20
Molybdenum			0.500	0.4961		mg/L		99	80 - 120	2	20
Nickel			0.500	0.5266		mg/L		105	80 - 120	1	20
Selenium			0.500	0.5041		mg/L		101	80 - 120	1	20
Silver			0.250	0.2677		mg/L		107	80 - 120	0	20
Thallium			0.500	0.5251		mg/L		105	80 - 120	2	20
Vanadium			0.500	0.4984		mg/L		100	80 - 120	0	20
Zinc			0.500	0.5374		mg/L		107	80 - 120	1	20

Lab Sample ID: 570-35706-H-6-A MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 90161
Prep Batch: 89931

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.500	0.4803		mg/L		96	72 - 132
Arsenic	0.0688	J	0.500	0.5795		mg/L		102	80 - 140
Barium	0.147		1.00	1.223		mg/L		108	87 - 123
Beryllium	ND		0.500	0.5329		mg/L		107	89 - 119
Cadmium	0.00577	J	0.500	0.5475		mg/L		108	82 - 124
Chromium	ND		0.500	0.5312		mg/L		106	86 - 122
Cobalt	0.00534	J	0.500	0.5175		mg/L		102	83 - 125
Copper	ND		0.500	0.5482		mg/L		110	78 - 126
Lead	0.0129	J	0.500	0.5359		mg/L		105	84 - 120
Molybdenum	ND		0.500	0.4915		mg/L		98	78 - 126
Nickel	0.0108	J	0.500	0.5368		mg/L		105	84 - 120
Selenium	ND		0.500	0.4799		mg/L		96	79 - 127
Silver	ND	F1 F2	0.500	0.05726	F1	mg/L		11	86 - 128
Thallium	ND		0.500	0.4597		mg/L		92	79 - 121
Vanadium	0.00405	J	0.500	0.5362		mg/L		106	88 - 118
Zinc	ND		0.500	0.5518		mg/L		110	89 - 131

Lab Sample ID: 570-35706-H-6-B MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 90161
Prep Batch: 89931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.500	0.4751		mg/L		95	72 - 132	1	10
Arsenic	0.0688	J	0.500	0.5585		mg/L		98	80 - 140	4	11
Barium	0.147		1.00	1.224		mg/L		108	87 - 123	0	6
Beryllium	ND		0.500	0.5350		mg/L		107	89 - 119	0	8
Cadmium	0.00577	J	0.500	0.5388		mg/L		107	82 - 124	2	7
Chromium	ND		0.500	0.5340		mg/L		107	86 - 122	1	8
Cobalt	0.00534	J	0.500	0.5043		mg/L		100	83 - 125	3	7
Copper	ND		0.500	0.5502		mg/L		110	78 - 126	0	7
Lead	0.0129	J	0.500	0.5364		mg/L		105	84 - 120	0	7
Molybdenum	ND		0.500	0.4994		mg/L		100	78 - 126	2	7

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-35706-H-6-B MSD
Matrix: Water
Analysis Batch: 90161

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	0.0108	J	0.500	0.5277		mg/L		103	84 - 120	2	7
Selenium	ND		0.500	0.4778		mg/L		96	79 - 127	0	9
Silver	ND	F1 F2	0.500	0.1099	F1 F2	mg/L		22	86 - 128	63	7
Thallium	ND		0.500	0.4569		mg/L		91	79 - 121	1	8
Vanadium	0.00405	J	0.500	0.5384		mg/L		107	88 - 118	0	7
Zinc	ND		0.500	0.5491		mg/L		110	89 - 131	0	8

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-89935/1-A
Matrix: Water
Analysis Batch: 90177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89935

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		08/24/20 13:15	08/25/20 12:24	1

Lab Sample ID: LCS 570-89935/2-A
Matrix: Water
Analysis Batch: 90177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89935

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.0100	0.009965		mg/L		100	80 - 120		

Lab Sample ID: LCSD 570-89935/3-A
Matrix: Water
Analysis Batch: 90177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89935

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.0100	0.009953		mg/L		100	80 - 120	0	20

Lab Sample ID: 570-35700-A-1-C MS
Matrix: Water
Analysis Batch: 90177

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.0100	0.009150		mg/L		91	55 - 133		

Lab Sample ID: 570-35700-A-1-D MSD
Matrix: Water
Analysis Batch: 90177

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89935

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.009326		mg/L		93	55 - 133	2	20

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 570-89344/1-A
Matrix: Water
Analysis Batch: 89932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM-SGT: Oil and Grease	ND		1.00	0.806	mg/L		08/20/20 20:29	08/24/20 13:06	1

Lab Sample ID: LCS 570-89344/2-A
Matrix: Water
Analysis Batch: 89932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89344

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
HEM-SGT: Oil and Grease			20.0	17.50		mg/L		88	64 - 132		

Lab Sample ID: LCSD 570-89344/3-A
Matrix: Water
Analysis Batch: 89932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89344

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
HEM-SGT: Oil and Grease			20.0	17.20		mg/L		86	64 - 132	2	34

Marginal Exceedance (ME) Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-88216/3
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Benzene	10.0	11.13		ug/L	111	80 - 120	73 - 127	
Carbon disulfide	10.0	12.59		ug/L	126	64 - 130	53 - 141	
Carbon tetrachloride	10.0	12.04		ug/L	120	80 - 129	72 - 137	
Chlorobenzene	10.0	10.78		ug/L	108	80 - 120	73 - 127	
1,2-Dibromoethane	10.0	10.78		ug/L	108	80 - 120	73 - 127	
1,2-Dichlorobenzene	10.0	10.59		ug/L	106	80 - 120	73 - 127	
1,2-Dichloroethane	10.0	11.44		ug/L	114	80 - 122	73 - 127	
1,1-Dichloroethene	10.0	12.72	* me	ug/L	127	77 - 120	70 - 127	ME
Di-isopropyl ether (DIPE)	10.0	11.07		ug/L	111	73 - 121	65 - 129	
Ethanol	100	88.08		ug/L	88	73 - 133	63 - 143	
Ethylbenzene	10.0	11.03		ug/L	110	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	10.0	10.95		ug/L	109	76 - 124	68 - 132	
Methyl-t-Butyl Ether (MTBE)	10.0	10.60		ug/L	106	75 - 123	67 - 131	
m,p-Xylene	20.0	21.56		ug/L	108	80 - 120	73 - 127	
o-Xylene	10.0	10.97		ug/L	110	80 - 120	73 - 127	
Tert-amyl-methyl ether (TAME)	10.0	11.72		ug/L	117	80 - 120	73 - 127	
tert-Butyl alcohol (TBA)	50.0	50.26		ug/L	101	80 - 120	73 - 127	
Toluene	10.0	10.89		ug/L	109	80 - 120	73 - 127	
Trichloroethene	10.0	10.98		ug/L	110	80 - 120	73 - 127	
Vinyl chloride	10.0	10.79		ug/L	108	63 - 135	51 - 147	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
20	1	1

ME = Marginal Exceedance

Lab Sample ID: LCSD 570-88216/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Benzene	10.0	10.91		ug/L	109	80 - 120	73 - 127	
Carbon disulfide	10.0	12.38		ug/L	124	64 - 130	53 - 141	
Carbon tetrachloride	10.0	11.70		ug/L	117	80 - 129	72 - 137	
Chlorobenzene	10.0	10.57		ug/L	106	80 - 120	73 - 127	
1,2-Dibromoethane	10.0	11.12		ug/L	111	80 - 120	73 - 127	
1,2-Dichlorobenzene	10.0	10.72		ug/L	107	80 - 120	73 - 127	
1,2-Dichloroethane	10.0	11.21		ug/L	112	80 - 122	73 - 127	
1,1-Dichloroethene	10.0	12.35	* me	ug/L	124	77 - 120	70 - 127	ME
Di-isopropyl ether (DIPE)	10.0	11.02		ug/L	110	73 - 121	65 - 129	
Ethanol	100	101.2		ug/L	101	73 - 133	63 - 143	
Ethylbenzene	10.0	10.78		ug/L	108	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	10.0	11.11		ug/L	111	76 - 124	68 - 132	
Methyl-t-Butyl Ether (MTBE)	10.0	10.73		ug/L	107	75 - 123	67 - 131	
m,p-Xylene	20.0	21.38		ug/L	107	80 - 120	73 - 127	
o-Xylene	10.0	10.76		ug/L	108	80 - 120	73 - 127	
Tert-amyl-methyl ether (TAME)	10.0	11.45		ug/L	115	80 - 120	73 - 127	
tert-Butyl alcohol (TBA)	50.0	55.30		ug/L	111	80 - 120	73 - 127	
Toluene	10.0	10.77		ug/L	108	80 - 120	73 - 127	
Trichloroethene	10.0	10.87		ug/L	109	80 - 120	73 - 127	

Marginal Exceedance (ME) Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88216/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Vinyl chloride	10.0	10.43		ug/L	104	63 - 135	51 - 147	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
20	1	1

ME = Marginal Exceedance

GC/MS VOA

Analysis Batch: 88216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35707-1	DRUM-1	Total/NA	Water	8260B	
MB 570-88216/6	Method Blank	Total/NA	Water	8260B	
LCS 570-88216/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-88216/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Metals

Prep Batch: 89931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35707-1	DRUM-1	Total/NA	Water	3010A	
MB 570-89931/1-A	Method Blank	Total/NA	Water	3010A	
LCS 570-89931/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 570-89931/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
570-35706-H-6-A MS	Matrix Spike	Total/NA	Water	3010A	
570-35706-H-6-B MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 89935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35707-1	DRUM-1	Total/NA	Water	7470A	
MB 570-89935/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-89935/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-89935/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-35700-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
570-35700-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 90161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35707-1	DRUM-1	Total/NA	Water	6010B	89931
MB 570-89931/1-A	Method Blank	Total/NA	Water	6010B	89931
LCS 570-89931/2-A	Lab Control Sample	Total/NA	Water	6010B	89931
LCSD 570-89931/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	89931
570-35706-H-6-A MS	Matrix Spike	Total/NA	Water	6010B	89931
570-35706-H-6-B MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	89931

Analysis Batch: 90177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35707-1	DRUM-1	Total/NA	Water	7470A	89935
MB 570-89935/1-A	Method Blank	Total/NA	Water	7470A	89935
LCS 570-89935/2-A	Lab Control Sample	Total/NA	Water	7470A	89935
LCSD 570-89935/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	89935
570-35700-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	89935
570-35700-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	89935

General Chemistry

Prep Batch: 89344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35707-1	DRUM-1	Total/NA	Water	1664A	
MB 570-89344/1-A	Method Blank	Total/NA	Water	1664A	
LCS 570-89344/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 570-89344/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	

QC Association Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

General Chemistry

Analysis Batch: 89932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-35707-1	DRUM-1	Total/NA	Water	1664A	89344
MB 570-89344/1-A	Method Blank	Total/NA	Water	1664A	89344
LCS 570-89344/2-A	Lab Control Sample	Total/NA	Water	1664A	89344
LCSD 570-89344/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	89344

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Client Sample ID: DRUM-1
Lab Sample ID: 570-35707-1
Date Collected: 08/12/20 12:20
Matrix: Water
Date Received: 08/12/20 19:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	20 mL	20 mL	88216	08/17/20 18:55	UJHB	ECL 2
	Instrument ID: GCMSUU									
Total/NA	Prep	3010A			50 mL	50 mL	89931	08/24/20 13:10	WL8G	ECL 1
Total/NA	Analysis	6010B		1			90161	08/25/20 11:35	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	89935	08/24/20 13:15	WL8G	ECL 1
Total/NA	Analysis	7470A		1			90177	08/25/20 12:54	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Prep	1664A			1018 mL	1000 mL	89344	08/21/20 13:38	SAL	ECL 1
Total/NA	Analysis	1664A		1			89932	08/24/20 13:06	USUL	ECL 1
	Instrument ID: NOEQUIP									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-35707-1
Project/Site: Omar - Disposal Analyses

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
1664A	HEM and SGT-HEM	1664A	ECL 1
1664A	HEM and SGT-HEM (Aqueous)	1664A	ECL 1
3010A	Preparation, Total Metals	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

1664A = EPA-821-98-002

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: Omar - Disposal Analyses

Job ID: 570-35707-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-35707-1	DRUM-1	Water	08/12/20 12:20	08/12/20 19:00	

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

570-35707 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 20200812
PAGE: 1 OF 1

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE: ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com

CLIENT PROJECT NAME / NUMBER: Omar - Disposal Analyses
PROJECT CONTACT: Tracy Rich
P.O. NO.: PO#
SAMPLER(S): (PRINT)

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ 10 DAYS
✠ COELT EDF
GLOBAL ID: L10003156547
LOG CODE:
SPECIAL INSTRUCTIONS:
Requires excel edd besides Geotracker edf.

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved with ~~HCl &~~ H_2SO_4 w/ HNO_3	Field Filtered	EPA 8260B VOCs + Oxygenates (Low level)	EPA 1664A OIL AND GREASE W/ SGT	EPA 6010B/7470A Title 22 Metals
1	DRUM-1	20200812	1220	Water	5	X	X		X	X	X
2											

Containers:
- 3x40mL VOA vials with HCl - EPA 8260B
- 250mL Poly - EPA 6010B/7470A
- ~~[NOT~~ PRESERVED, NOT FIELD FILTERED] HNO3 PRESERVED
- 1L Amber Glass W/ H2SO4 - EPA 1664A

		Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC	08/12/2020	15:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Maribel Eei	08/12/2020	1900
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

4.7/4.3 SCC

06/01/10 Revision

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-35707-1

Login Number: 35707
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Spring 2021

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. CAD121011152

2. Page 1 of 1

3. Generator's Name and Mailing Address
OLAY MESA VENTURE, LLC
4835 AUTO PARK DRIVE
CHULA VISTA, CALIFORNIA 91911

4. Generator's Phone ( ) 619 441 4502

5. Transporter 1 Company Name
PACIFIC TRANS ENV SERVICES INC

6. US EPA ID Number
CAD981412356

A. State Transporter's ID

B. Transporter 1 Phone 619-441-1818

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
U.S. ECOLOGY
HWY 95, 12 MILE SOUTH OF
BEATTY, NEVADA 89003

10. US EPA ID Number
NVT330010000

E. State Facility's ID

F. Facility's Phone 800-239-3943

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS WASTE, LIQUID (PURGE WATER)	001	DM	0360 FP	P
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
1 NON-HAZARDOUS PURGE WATER
07037747 - 16356 1 X 55 DM

H. Handling Codes for Wastes Listed Above
a) H039

15. Special Handling Instructions and Additional Information
WORK ORDER: 90814
EMERGENCY RESPONSE GUIDE
1 N/A
16004348000

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Matthew Curtis		2	25	21

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Octavio Murillo		2	25	21

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
		03	02	21

NON-HAZARDOUS WASTE

CF14 © 2002 LABELMASTER® (800) 621-5808 www.labelmaster.com

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-48931-1
Client Project/Site: OMAR - Disposal Analyses

For:
Aptim Environmental & Infrastructure Inc
4005 Port Chicago Hwy, Suite 200
Concord, California 94520

Attn: Tracy Rich

Authorized for release by:
2/10/2021 7:30:28 AM

Cecile de Guia, Project Manager I
(714)895-5494
Cecile.deGuia@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 6
Client Sample Results 7
Surrogate Summary 13
Isotope Dilution Summary 14
QC Sample Results 15
QC Association Summary 27
Lab Chronicle 29
Certification Summary 30
Method Summary 31
Sample Summary 32
Chain of Custody 33
Receipt Checklists 35

Definitions/Glossary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-48931-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-48931-1

Comments
No additional comments.

Receipt
The samples were received on 1/20/2021 6:50 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-123809.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 570-124490 were outside control limits: Drum-1 (570-48931-1[MS]) and Drum-1 (570-48931-1[MSD]). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-124490: Methylene Chloride. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: Drum-1 (570-48931-1). Elevated reporting limits (RLs) are provided.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-124490 recovered outside control limits for the following analyte: Methylene Chloride.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS
Method EPA 537(Mod): Isotope Dilution Analyte (IDA) M2-8:2 FTS recovery is above the method recommended limit for the following sample: Drum-1 (570-48931-1).Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3535: Due to the matrix being, the initial volume used for the following sample deviated from the standard procedure: Drum-1 (570-48931-1). A 10x dilution was made on the sample, then fortified with IDA and extracted. The reporting limits (RLs) have been adjusted proportionately.

Method code: 3535 PFC_IDA
Matrix: Aqueous
preparation batch 320-456220

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-456220.

Job ID: 570-48931-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

Method code: 3535 PFC_IDA
Matrix: Aqueous
preparation batch 320-456220

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Client Sample ID: Drum-1
Lab Sample ID: 570-48931-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.5	J	5.0	3.5	ug/L	10		8260B	Total/NA
tert-Butyl alcohol (TBA)	140		50	40	ug/L	10		8260B	Total/NA
Trichloroethene	46		5.0	2.9	ug/L	10		8260B	Total/NA
Perfluorobutanoic acid (PFBA)	24	J	50	24	ng/L	1		EPA 537(Mod)	Total/NA
Perfluoropentanoic acid (PFPeA)	22		20	4.9	ng/L	1		EPA 537(Mod)	Total/NA
Perfluorohexanoic acid (PFHxA)	56		20	5.8	ng/L	1		EPA 537(Mod)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.9	J	20	2.5	ng/L	1		EPA 537(Mod)	Total/NA
Perfluorooctanoic acid (PFOA)	12	J	20	8.5	ng/L	1		EPA 537(Mod)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	100		20	2.0	ng/L	1		EPA 537(Mod)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	63		20	3.0	ng/L	1		EPA 537(Mod)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	32		20	5.7	ng/L	1		EPA 537(Mod)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	22		20	5.4	ng/L	1		EPA 537(Mod)	Total/NA
Barium	0.144		0.0100	0.00308	mg/L	1		6010B	Total/NA
Beryllium	0.00291	J	0.0100	0.00252	mg/L	1		6010B	Total/NA
Cadmium	0.00480	J	0.0100	0.00210	mg/L	1		6010B	Total/NA
Chromium	0.400		0.0500	0.00688	mg/L	1		6010B	Total/NA
Cobalt	0.00672	J	0.0500	0.00362	mg/L	1		6010B	Total/NA
Copper	0.0319	J	0.0500	0.00614	mg/L	1		6010B	Total/NA
Lead	0.0215	J	0.0500	0.00821	mg/L	1		6010B	Total/NA
Molybdenum	0.0252	J	0.0500	0.00509	mg/L	1		6010B	Total/NA
Nickel	0.262		0.0500	0.00784	mg/L	1		6010B	Total/NA
Thallium	0.0256	J	0.0500	0.0161	mg/L	1		6010B	Total/NA
Vanadium	0.00709	J	0.0100	0.00297	mg/L	1		6010B	Total/NA
Mercury	0.00124		0.000500	0.000141	mg/L	1		7470A	Total/NA
HEM-SGT: Oil and Grease	3.38		0.994	0.801	mg/L	1		1664A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: Drum-1
Date Collected: 01/20/21 15:45
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48931-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		80	40	ug/L			01/25/21 23:34	10
Benzene	ND		5.0	2.7	ug/L			01/25/21 23:34	10
Bromobenzene	ND		5.0	2.6	ug/L			01/25/21 23:34	10
Bromochloromethane	ND		10	3.5	ug/L			01/25/21 23:34	10
Bromodichloromethane	ND		5.0	2.2	ug/L			01/25/21 23:34	10
Bromoform	ND		5.0	3.9	ug/L			01/25/21 23:34	10
Bromomethane	ND		10	9.3	ug/L			01/25/21 23:34	10
2-Butanone	ND		50	30	ug/L			01/25/21 23:34	10
Carbon disulfide	ND		10	2.4	ug/L			01/25/21 23:34	10
Carbon tetrachloride	ND		5.0	2.7	ug/L			01/25/21 23:34	10
Chlorobenzene	ND		5.0	2.4	ug/L			01/25/21 23:34	10
Chloroethane	ND		5.0	4.4	ug/L			01/25/21 23:34	10
Chloroform	ND		5.0	2.8	ug/L			01/25/21 23:34	10
Chloromethane	ND		10	2.9	ug/L			01/25/21 23:34	10
2-Chlorotoluene	ND		5.0	3.1	ug/L			01/25/21 23:34	10
4-Chlorotoluene	ND		5.0	3.4	ug/L			01/25/21 23:34	10
c-1,2-Dichloroethene	ND		5.0	3.0	ug/L			01/25/21 23:34	10
c-1,3-Dichloropropene	ND		5.0	1.9	ug/L			01/25/21 23:34	10
Dibromochloromethane	ND		5.0	2.7	ug/L			01/25/21 23:34	10
1,2-Dibromo-3-Chloropropane	ND		10	6.4	ug/L			01/25/21 23:34	10
1,2-Dibromoethane	ND		5.0	1.4	ug/L			01/25/21 23:34	10
Dibromomethane	ND		5.0	2.3	ug/L			01/25/21 23:34	10
1,2-Dichlorobenzene	ND		5.0	2.3	ug/L			01/25/21 23:34	10
1,3-Dichlorobenzene	ND		5.0	2.6	ug/L			01/25/21 23:34	10
1,4-Dichlorobenzene	ND		5.0	2.2	ug/L			01/25/21 23:34	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/25/21 23:34	10
1,1-Dichloroethane	**3.5**	**J**	5.0	3.5	ug/L			01/25/21 23:34	10
1,2-Dichloroethane	ND		5.0	1.5	ug/L			01/25/21 23:34	10
1,1-Dichloroethene	ND		5.0	3.9	ug/L			01/25/21 23:34	10
1,2-Dichloropropane	ND		5.0	2.4	ug/L			01/25/21 23:34	10
1,3-Dichloropropane	ND		5.0	2.0	ug/L			01/25/21 23:34	10
2,2-Dichloropropane	ND		5.0	4.0	ug/L			01/25/21 23:34	10
1,1-Dichloropropene	ND		5.0	2.4	ug/L			01/25/21 23:34	10
Di-isopropyl ether (DIPE)	ND		5.0	1.4	ug/L			01/25/21 23:34	10
Ethanol	ND	F1	500	380	ug/L			01/25/21 23:34	10
Ethylbenzene	ND		5.0	3.6	ug/L			01/25/21 23:34	10
Ethyl-t-butyl ether (ETBE)	ND		5.0	2.8	ug/L			01/25/21 23:34	10
2-Hexanone	ND		60	43	ug/L			01/25/21 23:34	10
Isopropylbenzene	ND		5.0	3.8	ug/L			01/25/21 23:34	10
Methylene Chloride	ND	*- *1 F1	10	4.8	ug/L			01/25/21 23:34	10
4-Methyl-2-pentanone	ND		50	22	ug/L			01/25/21 23:34	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0	2.1	ug/L			01/25/21 23:34	10
m,p-Xylene	ND		10	7.8	ug/L			01/25/21 23:34	10
Naphthalene	ND		10	3.2	ug/L			01/25/21 23:34	10
n-Butylbenzene	ND		5.0	2.9	ug/L			01/25/21 23:34	10
N-Propylbenzene	ND		5.0	3.9	ug/L			01/25/21 23:34	10
o-Xylene	ND		5.0	3.5	ug/L			01/25/21 23:34	10
p-Isopropyltoluene	ND		5.0	2.8	ug/L			01/25/21 23:34	10
sec-Butylbenzene	ND		5.0	3.4	ug/L			01/25/21 23:34	10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Drum-1
Date Collected: 01/20/21 15:45
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48931-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		5.0	2.8	ug/L			01/25/21 23:34	10
Tert-amyl-methyl ether (TAME)	ND		5.0	2.1	ug/L			01/25/21 23:34	10
tert-Butyl alcohol (TBA)	**140**		50	40	ug/L			01/25/21 23:34	10
tert-Butylbenzene	ND		5.0	3.4	ug/L			01/25/21 23:34	10
1,1,1,2-Tetrachloroethane	ND		5.0	2.6	ug/L			01/25/21 23:34	10
1,1,2,2-Tetrachloroethane	ND		5.0	1.9	ug/L			01/25/21 23:34	10
Tetrachloroethene	ND		5.0	2.9	ug/L			01/25/21 23:34	10
Toluene	ND		5.0	3.3	ug/L			01/25/21 23:34	10
t-1,2-Dichloroethene	ND		5.0	3.6	ug/L			01/25/21 23:34	10
t-1,3-Dichloropropene	ND		5.0	1.7	ug/L			01/25/21 23:34	10
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/L			01/25/21 23:34	10
1,2,4-Trichlorobenzene	ND		5.0	3.8	ug/L			01/25/21 23:34	10
1,1,1-Trichloroethane	ND		5.0	2.7	ug/L			01/25/21 23:34	10
1,1,2-Trichloroethane	ND		5.0	0.85	ug/L			01/25/21 23:34	10
Trichloroethene	**46**		5.0	2.9	ug/L			01/25/21 23:34	10
Trichlorofluoromethane	ND		5.0	3.0	ug/L			01/25/21 23:34	10
1,2,3-Trichloropropane	ND		5.0	3.2	ug/L			01/25/21 23:34	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.5	ug/L			01/25/21 23:34	10
1,2,4-Trimethylbenzene	ND		5.0	2.9	ug/L			01/25/21 23:34	10
1,3,5-Trimethylbenzene	ND		5.0	2.8	ug/L			01/25/21 23:34	10
Vinyl acetate	ND		50	31	ug/L			01/25/21 23:34	10
Vinyl chloride	ND		5.0	4.0	ug/L			01/25/21 23:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*68 - 120*		*01/25/21 23:34*	*10*
Dibromofluoromethane (Surr)	*100*		*80 - 127*		*01/25/21 23:34*	*10*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 128*		*01/25/21 23:34*	*10*
Toluene-d8 (Surr)	*102*		*80 - 120*		*01/25/21 23:34*	*10*

Method: EPA 537(Mod) - PFAS for QSM 5.1, Table B-15

Client Sample ID: Drum-1
Date Collected: 01/20/21 15:45
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48931-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**24**	**J**	50	24	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluoropentanoic acid (PFPeA)	**22**		20	4.9	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorohexanoic acid (PFHxA)	**56**		20	5.8	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluoroheptanoic acid (PFHpA)	**6.9**	**J**	20	2.5	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorooctanoic acid (PFOA)	**12**	**J**	20	8.5	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorononanoic acid (PFNA)	ND		20	2.7	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorodecanoic acid (PFDA)	ND		20	3.1	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluoroundecanoic acid (PFUnA)	ND		20	11	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorododecanoic acid (PFDoA)	ND		20	5.5	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorotridecanoic acid (PFTriA)	ND		20	13	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorotetradecanoic acid (PFTeA)	ND		20	7.3	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorobutanesulfonic acid (PFBS)	**100**		20	2.0	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluoropentanesulfonic acid (PFPeS)	**63**		20	3.0	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorohexanesulfonic acid (PFHxS)	**32**		20	5.7	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		20	1.9	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorooctanesulfonic acid (PFOS)	**22**		20	5.4	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorononanesulfonic acid (PFNS)	ND		20	3.7	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		20	3.2	ng/L		01/28/21 05:01	01/29/21 04:40	1
Perfluorooctanesulfonamide (FOSA)	ND		20	9.8	ng/L		01/28/21 05:01	01/29/21 04:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		50	12	ng/L		01/28/21 05:01	01/29/21 04:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		50	13	ng/L		01/28/21 05:01	01/29/21 04:40	1
4:2 FTS	ND		20	2.4	ng/L		01/28/21 05:01	01/29/21 04:40	1
6:2 FTS	ND		50	25	ng/L		01/28/21 05:01	01/29/21 04:40	1
8:2 FTS	ND		20	4.6	ng/L		01/28/21 05:01	01/29/21 04:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C5 PFPeA	*61*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C2 PFHxA	*81*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C4 PFHpA	*79*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C4 PFOA	*88*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C5 PFNA	*89*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C2 PFDA	*98*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C2 PFUnA	*71*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C2 PFDoA	*50*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C2 PFTeDA	*83*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C3 PFBS	*72*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
18O2 PFHxS	*79*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C4 PFOS	*83*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
13C8 FOSA	*94*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
d3-NMeFOSAA	*63*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
d5-NEtFOSAA	*50*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
M2-6:2 FTS	*95*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
M2-8:2 FTS	*254*	**5+*	*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*
M2-4:2 FTS	*83*		*50 - 150*	*01/28/21 05:01*	*01/29/21 04:40*	*1*

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Method: 6010B - Metals (ICP)

Client Sample ID: Drum-1
Date Collected: 01/20/21 15:45
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48931-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	0.0329	mg/L		01/25/21 20:40	01/29/21 19:53	1
Arsenic	ND		0.100	0.0181	mg/L		01/25/21 20:40	01/29/21 19:53	1
Barium	**0.144**		0.0100	0.00308	mg/L		01/25/21 20:40	01/29/21 19:53	1
Beryllium	**0.00291**	**J**	0.0100	0.00252	mg/L		01/25/21 20:40	01/29/21 19:53	1
Cadmium	**0.00480**	**J**	0.0100	0.00210	mg/L		01/25/21 20:40	01/29/21 19:53	1
Chromium	**0.400**		0.0500	0.00688	mg/L		01/25/21 20:40	01/29/21 19:53	1
Cobalt	**0.00672**	**J**	0.0500	0.00362	mg/L		01/25/21 20:40	01/29/21 19:53	1
Copper	**0.0319**	**J**	0.0500	0.00614	mg/L		01/25/21 20:40	01/29/21 19:53	1
Lead	**0.0215**	**J**	0.0500	0.00821	mg/L		01/25/21 20:40	01/29/21 19:53	1
Molybdenum	**0.0252**	**J**	0.0500	0.00509	mg/L		01/25/21 20:40	01/29/21 19:53	1
Nickel	**0.262**		0.0500	0.00784	mg/L		01/25/21 20:40	01/29/21 19:53	1
Selenium	ND		0.100	0.0244	mg/L		01/25/21 20:40	01/29/21 19:53	1
Silver	ND		0.0100	0.00298	mg/L		01/25/21 20:40	01/29/21 19:53	1
Thallium	**0.0256**	**J**	0.0500	0.0161	mg/L		01/25/21 20:40	01/29/21 19:53	1
Vanadium	**0.00709**	**J**	0.0100	0.00297	mg/L		01/25/21 20:40	01/29/21 19:53	1
Zinc	ND		0.250	0.0682	mg/L		01/25/21 20:40	01/29/21 19:53	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Method: 7470A - Mercury (CVAA)

Client Sample ID: Drum-1
Date Collected: 01/20/21 15:45
Date Received: 01/20/21 18:50

Lab Sample ID: 570-48931-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00124		0.000500	0.000141	mg/L		01/25/21 18:00	01/27/21 10:00	1

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

General Chemistry

Client Sample ID: Drum-1
Lab Sample ID: 570-48931-1
Date Collected: 01/20/21 15:45
Matrix: Water
Date Received: 01/20/21 18:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM-SGT: Oil and Grease	3.38		0.994	0.801	mg/L		01/21/21 09:29	01/21/21 17:05	1

Surrogate Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR - Disposal Analyses

Job ID: 570-48931-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(68-120)	(80-127)	(80-128)	(80-120)
570-48931-1	Drum-1	102	100	106	102
570-48931-1 MS	Drum-1	99	95	98	102
570-48931-1 MSD	Drum-1	107	97	100	105
LCS 570-124490/4	Lab Control Sample	101	97	99	104
LCSD 570-124490/5	Lab Control Sample Dup	101	97	101	103
MB 570-124490/8	Method Blank	99	93	103	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Isotope Dilution Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Method: EPA 537(Mod) - PFAS for QSM 5.1, Table B-15

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (50-150)	PFPeA (50-150)	PFHxA (50-150)	C4PFHA (50-150)	PFOA (50-150)	PFNA (50-150)	PFDA (50-150)	PFUnA (50-150)
570-48931-1	Drum-1	73	61	81	79	88	89	98	71
LCS 320-456220/2-A	Lab Control Sample	60	61	64	62	70	69	69	65
LCSD 320-456220/3-A	Lab Control Sample Dup	61	58	64	66	70	70	68	64
MB 320-456220/1-A	Method Blank	88	87	95	91	98	93	102	92

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (50-150)	PFTDA (50-150)	C3PFBS (50-150)	PFHxS (50-150)	PFOS (50-150)	PFOSA (50-150)	d3NMFOS (50-150)	d5NEFOS (50-150)
570-48931-1	Drum-1	50	83	72	79	83	94	63	50
LCS 320-456220/2-A	Lab Control Sample	77	71	63	61	65	63	65	60
LCSD 320-456220/3-A	Lab Control Sample Dup	69	75	65	63	64	61	65	59
MB 320-456220/1-A	Method Blank	86	97	86	86	86	88	87	82

		Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	M262FTS (50-150)	M282FTS (50-150)	M242FTS (50-150)
570-48931-1	Drum-1	95	254 *5+	83
LCS 320-456220/2-A	Lab Control Sample	60	63	60
LCSD 320-456220/3-A	Lab Control Sample Dup	63	61	60
MB 320-456220/1-A	Method Blank	88	88	86

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
C4PFHA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
M242FTS = M2-4:2 FTS

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-124490/8
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.0	4.0	ug/L			01/25/21 22:44	1
Benzene	ND		0.50	0.27	ug/L			01/25/21 22:44	1
Bromobenzene	ND		0.50	0.26	ug/L			01/25/21 22:44	1
Bromochloromethane	ND		1.0	0.35	ug/L			01/25/21 22:44	1
Bromodichloromethane	ND		0.50	0.22	ug/L			01/25/21 22:44	1
Bromoform	ND		0.50	0.39	ug/L			01/25/21 22:44	1
Bromomethane	ND		1.0	0.93	ug/L			01/25/21 22:44	1
2-Butanone	ND		5.0	3.0	ug/L			01/25/21 22:44	1
Carbon disulfide	ND		1.0	0.24	ug/L			01/25/21 22:44	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			01/25/21 22:44	1
Chlorobenzene	ND		0.50	0.24	ug/L			01/25/21 22:44	1
Chloroethane	ND		0.50	0.44	ug/L			01/25/21 22:44	1
Chloroform	ND		0.50	0.28	ug/L			01/25/21 22:44	1
Chloromethane	ND		1.0	0.29	ug/L			01/25/21 22:44	1
2-Chlorotoluene	ND		0.50	0.31	ug/L			01/25/21 22:44	1
4-Chlorotoluene	ND		0.50	0.34	ug/L			01/25/21 22:44	1
c-1,2-Dichloroethene	ND		0.50	0.30	ug/L			01/25/21 22:44	1
c-1,3-Dichloropropene	ND		0.50	0.19	ug/L			01/25/21 22:44	1
Dibromochloromethane	ND		0.50	0.27	ug/L			01/25/21 22:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.64	ug/L			01/25/21 22:44	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			01/25/21 22:44	1
Dibromomethane	ND		0.50	0.23	ug/L			01/25/21 22:44	1
1,2-Dichlorobenzene	ND		0.50	0.23	ug/L			01/25/21 22:44	1
1,3-Dichlorobenzene	ND		0.50	0.26	ug/L			01/25/21 22:44	1
1,4-Dichlorobenzene	ND		0.50	0.22	ug/L			01/25/21 22:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/25/21 22:44	1
1,1-Dichloroethane	ND		0.50	0.35	ug/L			01/25/21 22:44	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			01/25/21 22:44	1
1,1-Dichloroethene	ND		0.50	0.39	ug/L			01/25/21 22:44	1
1,2-Dichloropropane	ND		0.50	0.24	ug/L			01/25/21 22:44	1
1,3-Dichloropropane	ND		0.50	0.20	ug/L			01/25/21 22:44	1
2,2-Dichloropropane	ND		0.50	0.40	ug/L			01/25/21 22:44	1
1,1-Dichloropropene	ND		0.50	0.24	ug/L			01/25/21 22:44	1
Di-isopropyl ether (DIPE)	ND		0.50	0.14	ug/L			01/25/21 22:44	1
Ethanol	ND		50	38	ug/L			01/25/21 22:44	1
Ethylbenzene	ND		0.50	0.36	ug/L			01/25/21 22:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50	0.28	ug/L			01/25/21 22:44	1
2-Hexanone	ND		6.0	4.3	ug/L			01/25/21 22:44	1
Isopropylbenzene	ND		0.50	0.38	ug/L			01/25/21 22:44	1
Methylene Chloride	ND		1.0	0.48	ug/L			01/25/21 22:44	1
4-Methyl-2-pentanone	ND		5.0	2.2	ug/L			01/25/21 22:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.21	ug/L			01/25/21 22:44	1
m,p-Xylene	ND		1.0	0.78	ug/L			01/25/21 22:44	1
Naphthalene	ND		1.0	0.32	ug/L			01/25/21 22:44	1
n-Butylbenzene	ND		0.50	0.29	ug/L			01/25/21 22:44	1
N-Propylbenzene	ND		0.50	0.39	ug/L			01/25/21 22:44	1
o-Xylene	ND		0.50	0.35	ug/L			01/25/21 22:44	1
p-Isopropyltoluene	ND		0.50	0.28	ug/L			01/25/21 22:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-124490/8
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		0.50	0.34	ug/L			01/25/21 22:44	1
Styrene	ND		0.50	0.28	ug/L			01/25/21 22:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50	0.21	ug/L			01/25/21 22:44	1
tert-Butyl alcohol (TBA)	ND		5.0	4.0	ug/L			01/25/21 22:44	1
tert-Butylbenzene	ND		0.50	0.34	ug/L			01/25/21 22:44	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.26	ug/L			01/25/21 22:44	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.19	ug/L			01/25/21 22:44	1
Tetrachloroethene	ND		0.50	0.29	ug/L			01/25/21 22:44	1
Toluene	ND		0.50	0.33	ug/L			01/25/21 22:44	1
t-1,2-Dichloroethene	ND		0.50	0.36	ug/L			01/25/21 22:44	1
t-1,3-Dichloropropene	ND		0.50	0.17	ug/L			01/25/21 22:44	1
1,2,3-Trichlorobenzene	ND		0.50	0.28	ug/L			01/25/21 22:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ug/L			01/25/21 22:44	1
1,1,1-Trichloroethane	ND		0.50	0.27	ug/L			01/25/21 22:44	1
1,1,2-Trichloroethane	ND		0.50	0.085	ug/L			01/25/21 22:44	1
Trichloroethene	ND		0.50	0.29	ug/L			01/25/21 22:44	1
Trichlorofluoromethane	ND		0.50	0.30	ug/L			01/25/21 22:44	1
1,2,3-Trichloropropane	ND		0.50	0.32	ug/L			01/25/21 22:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.25	ug/L			01/25/21 22:44	1
1,2,4-Trimethylbenzene	ND		0.50	0.29	ug/L			01/25/21 22:44	1
1,3,5-Trimethylbenzene	ND		0.50	0.28	ug/L			01/25/21 22:44	1
Vinyl acetate	ND		5.0	3.1	ug/L			01/25/21 22:44	1
Vinyl chloride	ND		0.50	0.40	ug/L			01/25/21 22:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*		*01/25/21 22:44*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 127*		*01/25/21 22:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 128*		*01/25/21 22:44*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/25/21 22:44*	*1*

Lab Sample ID: LCS 570-124490/4
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.656		ug/L		97	80 - 120
Carbon disulfide	10.0	7.045		ug/L		70	65 - 136
Carbon tetrachloride	10.0	10.44		ug/L		104	75 - 142
Chlorobenzene	10.0	9.607		ug/L		96	80 - 120
1,2-Dibromoethane	10.0	9.933		ug/L		99	80 - 120
1,2-Dichlorobenzene	10.0	9.794		ug/L		98	80 - 120
1,2-Dichloroethane	10.0	10.54		ug/L		105	80 - 123
1,1-Dichloroethene	10.0	8.555		ug/L		86	74 - 128
Di-isopropyl ether (DIPE)	10.0	8.130		ug/L		81	74 - 126
Ethanol	200	201.6		ug/L		101	50 - 142
Ethylbenzene	10.0	9.921		ug/L		99	80 - 120
Ethyl-t-butyl ether (ETBE)	10.0	8.313		ug/L		83	60 - 126
Methyl-t-Butyl Ether (MTBE)	10.0	8.460		ug/L		85	70 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-124490/4
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			20.0	20.08		ug/L		100	80 - 120		
o-Xylene			10.0	10.09		ug/L		101	80 - 120		
Tert-amyl-methyl ether (TAME)			10.0	10.06		ug/L		101	80 - 121		
tert-Butyl alcohol (TBA)			100	120.1		ug/L		120	77 - 124		
Toluene			10.0	9.698		ug/L		97	80 - 120		
Trichloroethene			10.0	9.981		ug/L		100	80 - 120		
Vinyl chloride			10.0	9.162		ug/L		92	72 - 126		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 128*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: LCSD 570-124490/5
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			10.0	9.985		ug/L		100	80 - 120	3	20
Carbon disulfide			10.0	7.656		ug/L		77	65 - 136	8	20
Carbon tetrachloride			10.0	11.03		ug/L		110	75 - 142	6	20
Chlorobenzene			10.0	9.904		ug/L		99	80 - 120	3	20
1,2-Dibromoethane			10.0	10.07		ug/L		101	80 - 120	1	20
1,2-Dichlorobenzene			10.0	9.861		ug/L		99	80 - 120	1	20
1,2-Dichloroethane			10.0	10.56		ug/L		106	80 - 123	0	20
1,1-Dichloroethene			10.0	8.947		ug/L		89	74 - 128	4	20
Di-isopropyl ether (DIPE)			10.0	8.402		ug/L		84	74 - 126	3	20
Ethanol			200	273.2		ug/L		137	50 - 142	30	30
Ethylbenzene			10.0	10.24		ug/L		102	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)			10.0	8.496		ug/L		85	60 - 126	2	20
Methyl-t-Butyl Ether (MTBE)			10.0	8.735		ug/L		87	70 - 121	3	20
m,p-Xylene			20.0	20.93		ug/L		105	80 - 120	4	20
o-Xylene			10.0	10.39		ug/L		104	80 - 120	3	20
Tert-amyl-methyl ether (TAME)			10.0	10.13		ug/L		101	80 - 121	1	20
tert-Butyl alcohol (TBA)			100	109.5		ug/L		110	77 - 124	9	23
Toluene			10.0	10.03		ug/L		100	80 - 120	3	20
Trichloroethene			10.0	10.50		ug/L		105	80 - 120	5	20
Vinyl chloride			10.0	9.940		ug/L		99	72 - 126	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*68 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 128*
Toluene-d8 (Surr)	*103*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-48931-1 MS
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Drum-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		100	106.4		ug/L		106	75 - 125
Carbon disulfide	ND		100	79.37		ug/L		79	58 - 136
Carbon tetrachloride	ND		100	114.7		ug/L		115	69 - 135
Chlorobenzene	ND		100	101.8		ug/L		102	75 - 125
1,2-Dibromoethane	ND		100	97.78		ug/L		98	75 - 126
1,2-Dichlorobenzene	ND		100	106.5		ug/L		106	75 - 125
1,2-Dichloroethane	ND		100	106.6		ug/L		107	75 - 127
1,1-Dichloroethene	ND		100	94.65		ug/L		95	66 - 126
Di-isopropyl ether (DIPE)	ND		100	85.03		ug/L		85	64 - 136
Ethanol	ND	F1	2000	3004	F1	ug/L		150	73 - 133
Ethylbenzene	ND		100	109.9		ug/L		110	75 - 125
Ethyl-t-butyl ether (ETBE)	ND		100	83.43		ug/L		83	73 - 133
Methyl-t-Butyl Ether (MTBE)	ND		100	85.88		ug/L		86	71 - 131
m,p-Xylene	ND		200	224.1		ug/L		112	75 - 125
o-Xylene	ND		100	109.4		ug/L		109	75 - 127
Tert-amyl-methyl ether (TAME)	ND		100	102.9		ug/L		103	75 - 125
tert-Butyl alcohol (TBA)	140		1000	1475		ug/L		134	20 - 180
Toluene	ND		100	107.9		ug/L		108	75 - 125
Trichloroethene	46		100	161.6		ug/L		115	75 - 125
Vinyl chloride	ND		100	101.3		ug/L		101	52 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*68 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 570-48931-1 MSD
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Drum-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		100	107.1		ug/L		107	75 - 125	1	20
Carbon disulfide	ND		100	80.15		ug/L		80	58 - 136	1	20
Carbon tetrachloride	ND		100	114.8		ug/L		115	69 - 135	0	20
Chlorobenzene	ND		100	107.4		ug/L		107	75 - 125	5	20
1,2-Dibromoethane	ND		100	104.6		ug/L		105	75 - 126	7	20
1,2-Dichlorobenzene	ND		100	99.46		ug/L		99	75 - 125	7	20
1,2-Dichloroethane	ND		100	108.7		ug/L		109	75 - 127	2	20
1,1-Dichloroethene	ND		100	94.14		ug/L		94	66 - 126	1	20
Di-isopropyl ether (DIPE)	ND		100	84.96		ug/L		85	64 - 136	0	20
Ethanol	ND	F1	2000	2766	F1	ug/L		138	73 - 133	8	27
Ethylbenzene	ND		100	111.9		ug/L		112	75 - 125	2	20
Ethyl-t-butyl ether (ETBE)	ND		100	84.10		ug/L		84	73 - 133	1	20
Methyl-t-Butyl Ether (MTBE)	ND		100	86.08		ug/L		86	71 - 131	0	20
m,p-Xylene	ND		200	226.2		ug/L		113	75 - 125	1	20
o-Xylene	ND		100	111.7		ug/L		112	75 - 127	2	20
Tert-amyl-methyl ether (TAME)	ND		100	104.1		ug/L		104	75 - 125	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-48931-1 MSD
Matrix: Water
Analysis Batch: 124490

Client Sample ID: Drum-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butyl alcohol (TBA)	140		1000	1770		ug/L		163	20 - 180	18	40
Toluene	ND		100	111.8		ug/L		112	75 - 125	4	20
Trichloroethene	46		100	165.1		ug/L		119	75 - 125	2	20
Vinyl chloride	ND		100	100.7		ug/L		101	52 - 142	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*68 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 127*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 128*
Toluene-d8 (Surr)	*105*		*80 - 120*

Method: EPA 537(Mod) - PFAS for QSM 5.1, Table B-15

Lab Sample ID: MB 320-456220/1-A
Matrix: Water
Analysis Batch: 456471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 456220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		5.0	2.4	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorotetradecanoic acid (PFTeA)	0.8027	J	2.0	0.73	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.30	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.57	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.37	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		01/28/21 05:01	01/29/21 03:53	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0	0.98	ng/L		01/28/21 05:01	01/29/21 03:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		5.0	1.2	ng/L		01/28/21 05:01	01/29/21 03:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		5.0	1.3	ng/L		01/28/21 05:01	01/29/21 03:53	1
4:2 FTS	ND		2.0	0.24	ng/L		01/28/21 05:01	01/29/21 03:53	1
6:2 FTS	ND		5.0	2.5	ng/L		01/28/21 05:01	01/29/21 03:53	1
8:2 FTS	ND		2.0	0.46	ng/L		01/28/21 05:01	01/29/21 03:53	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88*		*50 - 150*	*01/28/21 05:01*	*01/29/21 03:53*	*1*
13C5 PFPeA	*87*		*50 - 150*	*01/28/21 05:01*	*01/29/21 03:53*	*1*

Method: EPA 537(Mod) - PFAS for QSM 5.1, Table B-15 (Continued)

Lab Sample ID: MB 320-456220/1-A
Matrix: Water
Analysis Batch: 456471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 456220

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	95		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C4 PFHpA	91		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C4 PFOA	98		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C5 PFNA	93		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C2 PFDA	102		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C2 PFUnA	92		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C2 PFDoA	86		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C2 PFTeDA	97		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C3 PFBS	86		50 - 150	01/28/21 05:01	01/29/21 03:53	1
18O2 PFHxS	86		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C4 PFOS	86		50 - 150	01/28/21 05:01	01/29/21 03:53	1
13C8 FOSA	88		50 - 150	01/28/21 05:01	01/29/21 03:53	1
d3-NMeFOSAA	87		50 - 150	01/28/21 05:01	01/29/21 03:53	1
d5-NEtFOSAA	82		50 - 150	01/28/21 05:01	01/29/21 03:53	1
M2-6:2 FTS	88		50 - 150	01/28/21 05:01	01/29/21 03:53	1
M2-8:2 FTS	88		50 - 150	01/28/21 05:01	01/29/21 03:53	1
M2-4:2 FTS	86		50 - 150	01/28/21 05:01	01/29/21 03:53	1

Lab Sample ID: LCS 320-456220/2-A
Matrix: Water
Analysis Batch: 456471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 456220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	39.15		ng/L		98	76 - 136
Perfluoropentanoic acid (PFPeA)	40.0	36.42		ng/L		91	71 - 131
Perfluorohexanoic acid (PFHxA)	40.0	39.42		ng/L		99	73 - 133
Perfluoroheptanoic acid (PFHpA)	40.0	41.15		ng/L		103	72 - 132
Perfluorooctanoic acid (PFOA)	40.0	35.02		ng/L		88	70 - 130
Perfluorononanoic acid (PFNA)	40.0	37.54		ng/L		94	75 - 135
Perfluorodecanoic acid (PFDA)	40.0	39.59		ng/L		99	76 - 136
Perfluoroundecanoic acid (PFUnA)	40.0	45.12		ng/L		113	68 - 128
Perfluorododecanoic acid (PFDoA)	40.0	37.86		ng/L		95	71 - 131
Perfluorotridecanoic acid (PFTriA)	40.0	39.19		ng/L		98	71 - 131
Perfluorotetradecanoic acid (PFTeA)	40.0	38.64		ng/L		97	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	34.99		ng/L		99	67 - 127
Perfluoropentanesulfonic acid (PFPeS)	37.5	37.01		ng/L		99	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	36.4	35.77		ng/L		98	59 - 119
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	36.18		ng/L		95	76 - 136
Perfluorooctanesulfonic acid (PFOS)	37.1	35.64		ng/L		96	70 - 130
Perfluorononanesulfonic acid (PFNS)	38.4	37.29		ng/L		97	75 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	38.57		ng/L		100	71 - 131

Method: EPA 537(Mod) - PFAS for QSM 5.1, Table B-15 (Continued)

Lab Sample ID: LCS 320-456220/2-A
Matrix: Water
Analysis Batch: 456471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 456220

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorooctanesulfonamide (FOSA)			40.0	41.14		ng/L		103	73 - 133		
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	35.89		ng/L		90	76 - 136		
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	39.23		ng/L		98	76 - 136		
4:2 FTS			37.4	36.35		ng/L		97	79 - 139		
6:2 FTS			37.9	37.12		ng/L		98	59 - 175		
8:2 FTS			38.3	38.26		ng/L		100	75 - 135		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*60*		*50 - 150*
13C5 PFPeA	*61*		*50 - 150*
13C2 PFHxA	*64*		*50 - 150*
13C4 PFHpA	*62*		*50 - 150*
13C4 PFOA	*70*		*50 - 150*
13C5 PFNA	*69*		*50 - 150*
13C2 PFDA	*69*		*50 - 150*
13C2 PFUnA	*65*		*50 - 150*
13C2 PFDoA	*77*		*50 - 150*
13C2 PFTeDA	*71*		*50 - 150*
13C3 PFBS	*63*		*50 - 150*
18O2 PFHxS	*61*		*50 - 150*
13C4 PFOS	*65*		*50 - 150*
13C8 FOSA	*63*		*50 - 150*
d3-NMeFOSAA	*65*		*50 - 150*
d5-NEtFOSAA	*60*		*50 - 150*
M2-6:2 FTS	*60*		*50 - 150*
M2-8:2 FTS	*63*		*50 - 150*
M2-4:2 FTS	*60*		*50 - 150*

Lab Sample ID: LCSD 320-456220/3-A
Matrix: Water
Analysis Batch: 456471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 456220

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	38.83		ng/L		97	76 - 136	1	30
Perfluoropentanoic acid (PFPeA)			40.0	38.22		ng/L		96	71 - 131	5	30
Perfluorohexanoic acid (PFHxA)			40.0	40.61		ng/L		102	73 - 133	3	30
Perfluoroheptanoic acid (PFHpA)			40.0	38.97		ng/L		97	72 - 132	5	30
Perfluorooctanoic acid (PFOA)			40.0	36.51		ng/L		91	70 - 130	4	30
Perfluorononanoic acid (PFNA)			40.0	38.85		ng/L		97	75 - 135	3	30
Perfluorodecanoic acid (PFDA)			40.0	40.04		ng/L		100	76 - 136	1	30
Perfluoroundecanoic acid (PFUnA)			40.0	42.56		ng/L		106	68 - 128	6	30
Perfluorododecanoic acid (PFDoA)			40.0	41.19		ng/L		103	71 - 131	8	30
Perfluorotridecanoic acid (PFTriA)			40.0	48.23		ng/L		121	71 - 131	21	30
Perfluorotetradecanoic acid (PFTeA)			40.0	38.16		ng/L		95	70 - 130	1	30

Method: EPA 537(Mod) - PFAS for QSM 5.1, Table B-15 (Continued)

Lab Sample ID: LCSD 320-456220/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 456471
Prep Batch: 456220

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanesulfonic acid (PFBS)			35.4	34.67		ng/L		98	67 - 127	1	30
Perfluoropentanesulfonic acid (PFPeS)			37.5	36.83		ng/L		98	66 - 126	0	30
Perfluorohexanesulfonic acid (PFHxS)			36.4	36.41		ng/L		100	59 - 119	2	30
Perfluoroheptanesulfonic Acid (PFHpS)			38.1	38.40		ng/L		101	76 - 136	6	30
Perfluorooctanesulfonic acid (PFOS)			37.1	36.81		ng/L		99	70 - 130	3	30
Perfluorononanesulfonic acid (PFNS)			38.4	38.14		ng/L		99	75 - 135	2	30
Perfluorodecanesulfonic acid (PFDS)			38.6	39.34		ng/L		102	71 - 131	2	30
Perfluorooctanesulfonamide (FOSA)			40.0	40.85		ng/L		102	73 - 133	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	36.41		ng/L		91	76 - 136	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	40.78		ng/L		102	76 - 136	4	30
4:2 FTS			37.4	37.44		ng/L		100	79 - 139	3	30
6:2 FTS			37.9	37.87		ng/L		100	59 - 175	2	30
8:2 FTS			38.3	39.05		ng/L		102	75 - 135	2	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*61*		*50 - 150*
13C5 PFPeA	*58*		*50 - 150*
13C2 PFHxA	*64*		*50 - 150*
13C4 PFHpA	*66*		*50 - 150*
13C4 PFOA	*70*		*50 - 150*
13C5 PFNA	*70*		*50 - 150*
13C2 PFDA	*68*		*50 - 150*
13C2 PFUnA	*64*		*50 - 150*
13C2 PFDoA	*69*		*50 - 150*
13C2 PFTeDA	*75*		*50 - 150*
13C3 PFBS	*65*		*50 - 150*
18O2 PFHxS	*63*		*50 - 150*
13C4 PFOS	*64*		*50 - 150*
13C8 FOSA	*61*		*50 - 150*
d3-NMeFOSAA	*65*		*50 - 150*
d5-NEtFOSAA	*59*		*50 - 150*
M2-6:2 FTS	*63*		*50 - 150*
M2-8:2 FTS	*61*		*50 - 150*
M2-4:2 FTS	*60*		*50 - 150*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-124543/1-A
Matrix: Water
Analysis Batch: 125989

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 124543

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	0.0329	mg/L		01/25/21 20:40	01/29/21 19:45	1
Arsenic	ND		0.100	0.0181	mg/L		01/25/21 20:40	01/29/21 19:45	1
Barium	ND		0.0100	0.00308	mg/L		01/25/21 20:40	01/29/21 19:45	1
Beryllium	ND		0.0100	0.00252	mg/L		01/25/21 20:40	01/29/21 19:45	1
Cadmium	ND		0.0100	0.00210	mg/L		01/25/21 20:40	01/29/21 19:45	1
Chromium	ND		0.0500	0.00688	mg/L		01/25/21 20:40	01/29/21 19:45	1
Cobalt	ND		0.0500	0.00362	mg/L		01/25/21 20:40	01/29/21 19:45	1
Copper	ND		0.0500	0.00614	mg/L		01/25/21 20:40	01/29/21 19:45	1
Lead	ND		0.0500	0.00821	mg/L		01/25/21 20:40	01/29/21 19:45	1
Molybdenum	ND		0.0500	0.00509	mg/L		01/25/21 20:40	01/29/21 19:45	1
Nickel	ND		0.0500	0.00784	mg/L		01/25/21 20:40	01/29/21 19:45	1
Selenium	ND		0.100	0.0244	mg/L		01/25/21 20:40	01/29/21 19:45	1
Silver	ND		0.0100	0.00298	mg/L		01/25/21 20:40	01/29/21 19:45	1
Thallium	ND		0.0500	0.0161	mg/L		01/25/21 20:40	01/29/21 19:45	1
Vanadium	ND		0.0100	0.00297	mg/L		01/25/21 20:40	01/29/21 19:45	1
Zinc	ND		0.250	0.0682	mg/L		01/25/21 20:40	01/29/21 19:45	1

Lab Sample ID: LCS 570-124543/2-A
Matrix: Water
Analysis Batch: 125989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 124543

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.4729		mg/L		95	80 - 120
Arsenic	0.500	0.4410		mg/L		88	80 - 120
Barium	0.500	0.4962		mg/L		99	80 - 120
Beryllium	0.500	0.4619		mg/L		92	80 - 120
Cadmium	0.500	0.4710		mg/L		94	80 - 120
Chromium	0.500	0.4721		mg/L		94	80 - 120
Cobalt	0.500	0.4848		mg/L		97	80 - 120
Copper	0.500	0.4775		mg/L		96	80 - 120
Lead	0.500	0.4880		mg/L		98	80 - 120
Molybdenum	0.500	0.4721		mg/L		94	80 - 120
Nickel	0.500	0.4910		mg/L		98	80 - 120
Selenium	0.500	0.4620		mg/L		92	80 - 120
Silver	0.250	0.2314		mg/L		93	80 - 120
Thallium	0.500	0.4912		mg/L		98	80 - 120
Vanadium	0.500	0.4679		mg/L		94	80 - 120
Zinc	0.500	0.4952		mg/L		99	80 - 120

Lab Sample ID: LCSD 570-124543/3-A
Matrix: Water
Analysis Batch: 125989

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 124543

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.500	0.4685		mg/L		94	80 - 120	1	20
Arsenic	0.500	0.4595		mg/L		92	80 - 120	4	20
Barium	0.500	0.4946		mg/L		99	80 - 120	0	20
Beryllium	0.500	0.4582		mg/L		92	80 - 120	1	20
Cadmium	0.500	0.4669		mg/L		93	80 - 120	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-124543/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 125989
Prep Batch: 124543

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	0.500	0.4704		mg/L		94	80 - 120	0	20
Cobalt	0.500	0.4811		mg/L		96	80 - 120	1	20
Copper	0.500	0.4737		mg/L		95	80 - 120	1	20
Lead	0.500	0.4858		mg/L		97	80 - 120	0	20
Molybdenum	0.500	0.4778		mg/L		96	80 - 120	1	20
Nickel	0.500	0.4872		mg/L		97	80 - 120	1	20
Selenium	0.500	0.4504		mg/L		90	80 - 120	3	20
Silver	0.250	0.2308		mg/L		92	80 - 120	0	20
Thallium	0.500	0.5074		mg/L		101	80 - 120	3	20
Vanadium	0.500	0.4653		mg/L		93	80 - 120	1	20
Zinc	0.500	0.4896		mg/L		98	80 - 120	1	20

Lab Sample ID: 570-48931-1 MS
Client Sample ID: Drum-1
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 125989
Prep Batch: 124543

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.500	0.5667		mg/L		113	72 - 132
Arsenic	ND		0.500	0.5410		mg/L		108	80 - 140
Barium	0.144		0.500	0.6578		mg/L		103	87 - 123
Beryllium	0.00291	J	0.500	0.5367		mg/L		107	89 - 119
Cadmium	0.00480	J	0.500	0.4935		mg/L		98	82 - 124
Chromium	0.400		0.500	0.8840		mg/L		97	86 - 122
Cobalt	0.00672	J	0.500	0.4903		mg/L		97	83 - 125
Copper	0.0319	J	0.500	0.5676		mg/L		107	78 - 126
Lead	0.0215	J	0.500	0.5222		mg/L		100	84 - 120
Molybdenum	0.0252	J	0.500	0.5356		mg/L		102	78 - 126
Nickel	0.262		0.500	0.7352		mg/L		95	84 - 120
Selenium	ND		0.500	0.5115		mg/L		102	79 - 127
Silver	ND		0.250	0.2815		mg/L		113	86 - 128
Thallium	0.0256	J	0.500	0.4594		mg/L		87	79 - 121
Vanadium	0.00709	J	0.500	0.5291		mg/L		104	88 - 118
Zinc	ND		0.500	0.5488		mg/L		110	89 - 131

Lab Sample ID: 570-48931-1 MSD
Client Sample ID: Drum-1
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 125989
Prep Batch: 124543

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.500	0.5626		mg/L		113	72 - 132	1	10
Arsenic	ND		0.500	0.5630		mg/L		113	80 - 140	4	11
Barium	0.144		0.500	0.6691		mg/L		105	87 - 123	2	6
Beryllium	0.00291	J	0.500	0.5461		mg/L		109	89 - 119	2	8
Cadmium	0.00480	J	0.500	0.5054		mg/L		100	82 - 124	2	7
Chromium	0.400		0.500	0.8829		mg/L		97	86 - 122	0	8
Cobalt	0.00672	J	0.500	0.5060		mg/L		100	83 - 125	3	7
Copper	0.0319	J	0.500	0.5826		mg/L		110	78 - 126	3	7
Lead	0.0215	J	0.500	0.5250		mg/L		101	84 - 120	1	7
Molybdenum	0.0252	J	0.500	0.5473		mg/L		104	78 - 126	2	7

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-48931-1 MSD — **Client Sample ID: Drum-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 125989 — **Prep Batch: 124543**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	0.262		0.500	0.7428		mg/L		96	84 - 120	1	7
Selenium	ND		0.500	0.5564		mg/L		111	79 - 127	8	9
Silver	ND		0.250	0.2878		mg/L		115	86 - 128	2	7
Thallium	0.0256	J	0.500	0.4748		mg/L		90	79 - 121	3	8
Vanadium	0.00709	J	0.500	0.5402		mg/L		107	88 - 118	2	7
Zinc	ND		0.500	0.5614		mg/L		112	89 - 131	2	8

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-124523/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 124951 — **Prep Batch: 124523**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	0.000141	mg/L		01/25/21 18:00	01/27/21 09:55	1

Lab Sample ID: LCS 570-124523/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 124951 — **Prep Batch: 124523**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.009649		mg/L		96	80 - 120

Lab Sample ID: LCSD 570-124523/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 124951 — **Prep Batch: 124523**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.009832		mg/L		98	80 - 120	2	20

Lab Sample ID: 570-48931-1 MS — **Client Sample ID: Drum-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 124951 — **Prep Batch: 124523**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00124		0.0100	0.01010		mg/L		89	55 - 133

Lab Sample ID: 570-48931-1 MSD — **Client Sample ID: Drum-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 124951 — **Prep Batch: 124523**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00124		0.0100	0.009804		mg/L		86	55 - 133	3	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 570-123680/1-A
Matrix: Water
Analysis Batch: 123833

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM-SGT: Oil and Grease	ND		1.00	0.806	mg/L		01/21/21 09:29	01/21/21 17:05	1

Lab Sample ID: LCS 570-123680/2-A
Matrix: Water
Analysis Batch: 123833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123680

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
HEM-SGT: Oil and Grease			20.0	17.10		mg/L		86	64 - 132		

Lab Sample ID: LCSD 570-123680/3-A
Matrix: Water
Analysis Batch: 123833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123680

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
HEM-SGT: Oil and Grease			20.0	17.90		mg/L		89	64 - 132	5	34

Lab Sample ID: 570-48931-1 MS
Matrix: Water
Analysis Batch: 123833

Client Sample ID: Drum-1
Prep Type: Total/NA
Prep Batch: 123680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
HEM-SGT: Oil and Grease	3.38		19.8	20.71		mg/L		87	64 - 132		

Lab Sample ID: 570-48931-1 MSD
Matrix: Water
Analysis Batch: 123833

Client Sample ID: Drum-1
Prep Type: Total/NA
Prep Batch: 123680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
HEM-SGT: Oil and Grease	3.38		19.9	20.34		mg/L		85	64 - 132	2	34

GC/MS VOA

Analysis Batch: 124490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	8260B	
MB 570-124490/8	Method Blank	Total/NA	Water	8260B	
LCS 570-124490/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-124490/5	Lab Control Sample Dup	Total/NA	Water	8260B	
570-48931-1 MS	Drum-1	Total/NA	Water	8260B	
570-48931-1 MSD	Drum-1	Total/NA	Water	8260B	

LCMS

Prep Batch: 456220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	3535	
MB 320-456220/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-456220/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-456220/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 456471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	EPA 537(Mod)	456220
MB 320-456220/1-A	Method Blank	Total/NA	Water	EPA 537(Mod)	456220
LCS 320-456220/2-A	Lab Control Sample	Total/NA	Water	EPA 537(Mod)	456220
LCSD 320-456220/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 537(Mod)	456220

Metals

Prep Batch: 124523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	7470A	
MB 570-124523/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-124523/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-124523/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-48931-1 MS	Drum-1	Total/NA	Water	7470A	
570-48931-1 MSD	Drum-1	Total/NA	Water	7470A	

Prep Batch: 124543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	3010A	
MB 570-124543/1-A	Method Blank	Total/NA	Water	3010A	
LCS 570-124543/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 570-124543/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
570-48931-1 MS	Drum-1	Total/NA	Water	3010A	
570-48931-1 MSD	Drum-1	Total/NA	Water	3010A	

Analysis Batch: 124951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	7470A	124523
MB 570-124523/1-A	Method Blank	Total/NA	Water	7470A	124523
LCS 570-124523/2-A	Lab Control Sample	Total/NA	Water	7470A	124523
LCSD 570-124523/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	124523
570-48931-1 MS	Drum-1	Total/NA	Water	7470A	124523
570-48931-1 MSD	Drum-1	Total/NA	Water	7470A	124523

Metals

Analysis Batch: 125989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	6010B	124543
MB 570-124543/1-A	Method Blank	Total/NA	Water	6010B	124543
LCS 570-124543/2-A	Lab Control Sample	Total/NA	Water	6010B	124543
LCSD 570-124543/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	124543
570-48931-1 MS	Drum-1	Total/NA	Water	6010B	124543
570-48931-1 MSD	Drum-1	Total/NA	Water	6010B	124543

General Chemistry

Prep Batch: 123680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	1664A	
MB 570-123680/1-A	Method Blank	Total/NA	Water	1664A	
LCS 570-123680/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 570-123680/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	
570-48931-1 MS	Drum-1	Total/NA	Water	1664A	
570-48931-1 MSD	Drum-1	Total/NA	Water	1664A	

Analysis Batch: 123833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48931-1	Drum-1	Total/NA	Water	1664A	123680
MB 570-123680/1-A	Method Blank	Total/NA	Water	1664A	123680
LCS 570-123680/2-A	Lab Control Sample	Total/NA	Water	1664A	123680
LCSD 570-123680/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	123680
570-48931-1 MS	Drum-1	Total/NA	Water	1664A	123680
570-48931-1 MSD	Drum-1	Total/NA	Water	1664A	123680

Lab Chronicle

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Client Sample ID: Drum-1
Lab Sample ID: 570-48931-1
Date Collected: 01/20/21 15:45
Matrix: Water
Date Received: 01/20/21 18:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	20 mL	20 mL	124490	01/25/21 23:34	A1W	ECL 2
	Instrument ID: GCMSRR									
Total/NA	Prep	3535			25 mL	10.00 mL	456220	01/28/21 05:01	NSS	TAL SAC
Total/NA	Analysis	EPA 537(Mod)		1			456471	01/29/21 04:40	MNV	TAL SAC
	Instrument ID: A13									
Total/NA	Prep	3010A			50 mL	50 mL	124543	01/25/21 20:40	TKQ6	ECL 1
Total/NA	Analysis	6010B		1			125989	01/29/21 19:53	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	124523	01/25/21 18:00	TKQ6	ECL 1
Total/NA	Analysis	7470A		1			124951	01/27/21 10:00	MD3A	ECL 1
	Instrument ID: HG7									
Total/NA	Prep	1664A			1006 mL	1000 mL	123680	01/21/21 09:29	UWEZ	ECL 1
Total/NA	Analysis	1664A		1			123833	01/21/21 17:05	L6IE	ECL 1
	Instrument ID: NOEQUIP									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Laboratory: Eurofins TestAmerica, Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	01-20-21 *
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-21 *
ANAB	ISO/IEC 17025	L2468	01-20-21 *
Arizona	State	AZ0708	08-11-21
Arkansas DEQ	State	88-0691	06-17-21
California	State	2897	01-31-22
Colorado	State	CA0004	08-31-21
Connecticut	State	PH-0691	06-30-21
Florida	NELAP	E87570	06-30-21
Georgia	State	4040	01-30-21
Hawaii	State	<cert No.>	01-29-21
Illinois	NELAP	200060	03-17-21
Kansas	NELAP	E-10375	02-01-21
Louisiana	NELAP	01944	06-30-21
Maine	State	CA00004	04-14-22
Michigan	State	9947	01-29-21
Nevada	State	CA000442021-2	07-31-21
New Hampshire	NELAP	2997	04-18-21
New Jersey	NELAP	CA005	06-30-21
New York	NELAP	11666	04-01-21
Ohio	State	41252	01-29-22
Oregon	NELAP	4040	01-29-21
Pennsylvania	NELAP	68-01272	03-31-21
Texas	NELAP	T104704399-19-13	06-01-21
US Fish & Wildlife	US Federal Programs	58448	07-31-21
USDA	US Federal Programs	P330-18-00239	07-31-21
Utah	NELAP	CA000442019-01	02-28-21
Vermont	State	VT-4040	04-16-21
Virginia	NELAP	460278	03-14-21
Washington	State	C581	05-05-21
West Virginia (DW)	State	9930C	12-31-21
Wisconsin	State	998204680	08-31-21
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Aptim Environmental & Infrastructure Inc
Job ID: 570-48931-1
Project/Site: OMAR - Disposal Analyses

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
EPA 537(Mod)	PFAS for QSM 5.1, Table B-15	EPA	TAL SAC
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
1664A	HEM and SGT-HEM	1664A	ECL 1
1664A	HEM and SGT-HEM (Aqueous)	1664A	ECL 1
3010A	Preparation, Total Metals	SW846	ECL 1
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1

Protocol References:

1664A = EPA-821-98-002

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Aptim Environmental & Infrastructure Inc
Project/Site: OMAR - Disposal Analyses

Job ID: 570-48931-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-48931-1	Drum-1	Water	01/20/21 15:45	01/20/21 18:50	

eurofins | Calscience
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

570-48931 Chain of Custody

48931
CHAIN OF CUSTODY RECORD

DATE: 20210120
PAGE: 1 OF 1

LABORATORY CLIENT: APTIM
ADDRESS: 1230 Columbia Streeet, Ste 600
CITY: San Diego, Ca 92101 STATE ZIP:
TEL: 619-573-3515 E-MAIL: tracy.rich@aptim.com

CLIENT PROJECT NAME / NUMBER: Omar - Disposal Analyses
PO NO: PO# 215324/Task #102405
PROJECT CONTACT: Tracy Rich
SAMPLER(S) (PRINT):

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ 10 DAYS

✠ COELT EDF | GLOBAL ID: L10003156547 | LOG CODE:

SPECIAL INSTRUCTIONS:
Requires excel edd besides Geotracker edf

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved with HCl & HNO3	Field Filtered	EPA 8260B VOCs + Oxygenates (Low level)	EPA 1664A Oil & Grease with SGT	EPA 6010B/7470A Title 22 Metals	EPA 537(M) PFAS (23 Standard List)	mg/MSD	Containers
1	DRUM-1	20210120	1545	Water	13	X	X		X	X	X	X	X	~~not filtered~~ PS
2				Water		X	X		X	X	X	X	PS	METALS PRESERVED BUT NOT FIELD FILTERED

Containers:
- 3x40mL VOA vials with HCl - EPA 8260B Collect 6 vials from one of the wells for MS/MSD
- 250mL Poly with HNO3 - EPA 6010B/7470A
- 1L Amber Glass with H2SO4 - EPA 1664. Collect 3 amber glass for MS/MSD from one of the drums.

		Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECL	1/20/21	1555
Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECL	01/20/21	1850
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

4.7/3.6 sc6

06/01/10 Revision

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494 Fax: 714-894-7501

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: de Guia, Cecile	Carrier Tracking No(s):	COC No: 570-75627.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Cecile.deGuia@eurofinset.com	State of Origin: California	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 570-48931-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 2/2/2021			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: OMAR - Disposal Analyses	Project #: 57001886			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_B16/3535_PFC PFAS, Standard List (24 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Drum-1 (570-48931-1)	1/20/21	15:45 Pacific		Water			X	1	Report J values.
Drum-1 (570-48931-1MS)	1/20/21	15:45 Pacific	MS	Water			X	1	Report J values.
Drum-1 (570-48931-1MSD)	1/20/21	15:45 Pacific	MSD	Water			X	1	Report J values.

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	1/21/21 1026	ECI	Received by:	22 Jan 21 0920	ETAWSAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.: —	Cooler Temperature(s) °C and Other Remarks: 4.1°C/4.5°C

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-48931-1

Login Number: 48931
List Number: 1
Creator: Cortez Diaz, Antonio

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Aptim Environmental & Infrastructure Inc

Job Number: 570-48931-1

Login Number: 48931
List Number: 2
Creator: Oropeza, Salvador

List Source: Eurofins TestAmerica, Sacramento
List Creation: 01/22/21 01:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	obs 4.7c cor 4.5c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix F
Data Quality Assessment

Acronyms and Abbreviations

µg/L	microgram(s) per liter
%R	percent recoveries
EPA	U.S. Environmental Protection Agency
J/UJ	estimated
LCS	laboratory control spike
LCSD	laboratory control spike duplicate
mg/L	milligram(s) per liter
MS	matrix spike
MSD	matrix spike duplicate
QC	quality control
RPD	relative percent difference
VOCs	volatile organic compounds

1.0 Data Quality Assessment

An Aptim Federal Services, LLC chemist reviewed laboratory data to verify that all analytical results were received from the laboratory, that the results provided in the electronic data deliverable and hard copy forms were the same, and that standard laboratory procedures and protocols were followed. Analytical data for this project were assessed in terms of precision, accuracy, representativeness, completeness, and comparability based on the requirements of the published U.S. Environmental Protection Agency (EPA) analytical methods.

Table F-1, shows samples collected and analytical methods performed during the August 2020 and January 2021 sampling events. Eurofins-Calscience laboratory, located in Garden Grove, California, analyzed the samples. Eurofins-Calscience is a State of California-certified environmental laboratory. Table F-2 summarizes the data qualified for laboratory quality control exceedances and applicable reason codes. The following data quality indicators were evaluated during the data review process.

Accuracy is demonstrated by recovery of target analytes from fortified blank and sample matrices, laboratory control spike (LCS), laboratory control spike duplicate (LCSD), matrix spike (MS), and matrix spike duplicate (MSD), respectively. The recovery of target analytes from fortified samples is compared to acceptance criteria. When these criteria are not met, the data are flagged as appropriate.

Precision is expressed as relative percent difference (RPD) between the results of replicate sample analyses: sample duplicates, LCSDs, and MSDs. When analyte RPDs exceed the acceptance criteria, the data are flagged as appropriate.

Representativeness of the samples submitted for analysis is ensured by adherence to standard sampling techniques and protocols.

Comparability of sample results is ensured through the use of approved sampling and analysis methods.

Completenes**s** is expressed as a ratio of number of usable data to all analytical data collected.

The laboratory data packages were reviewed at EPA Level II. As applicable to referenced methodology, a Level II data review includes the following:

- Chain-of-custody/sample receipt
- Holding times
- Method blanks

- Equipment rinse blanks/trip blanks
- Laboratory control samples
- MS/MSD samples
- Laboratory Sample duplicates
- Surrogate standards (organics)
- Field duplicate samples

1.1 Sample Receipt

Sample coolers and the samples contained within were received at the laboratory within the specified temperature range of 0 - 6 degrees Celsius (ºC) of the EPA preservation requirements. Sample receipt or login discrepancies identified by the laboratory were resolved with the Aptim Federal Services, LLC chemist prior to sample analysis.

1.2 Sample Holding Times

Samples were prepared and analyzed within the holding times as specified in the referenced EPA method of analysis.

1.3 Blanks (Reason Code B1)

Method blanks, equipment rinse blanks, and trip blanks were prepared and analyzed as recommended by the referenced methods and project plans. Target analytes were not detected in any blanks, which affected sample results associated with this sampling event, except as noted below.

Method	Lab SDG	Blank Concentration	Sample Affected	Qualification
Metals (Method blank)	J35586	Silver = 0.005983J mg/L	MW-13 MW-02 MW-03	Sample concentrations less than five times the blank concentration were qualified as not detected (U) at the reporting limit.
Metals (Method blank)	J35585	Silver = 0.004868 J mg/L	MW-22	
Volatile Organic Compounds (VOCs) (Trip Blank)	J35585	Methylene Chloride = 0.077J µg/L	MW-18	Sample concentrations less than five times the trip blank concentration were qualified as not detected (U) at the reporting limit.
VOC (Method Blank)	J35586	Chloroform = 0.078J µg/L	MW-08	Sample concentrations less than five times the blank concentration were qualified as not detected (U) at the reporting limit.

mg/L – milligrams per liter *µg/L – micrograms per liter*

1.4 Laboratory Control Samples

All laboratory control samples were prepared and analyzed as required by the referenced EPA method. The percent recoveries (%R) for LCS, LCSD, and RPD were within control limits for all analytical batches containing the samples for this project, with the exceptions noted below.

Method	Lab SDG	Sample Affected	LCS/LCSD -% Recovery	Control Limit	Qualification
VOC	J35704	MW-16 MW-21R MW-23 Non-Program Well Dup	1,1-Dichloroethene 127% / 118%	77% – 120%	Due to high LCS recovery, detected 1,1-DCE in associated samples were qualified as estimated (J) due to potential high bias.

1.5 Matrix Spikes/Matrix Spike Duplicates/Laboratory Duplicates (Reason Code M)

MS/MSD analysis was performed on project sample MW-03, MW-21R, and TPMW-01 over both semiannual sampling events. The %R and RPDs for the MS/MSD were within control limits for all parameters with the exceptions noted below.

Method	Lab SDG	Sample Affected	MS/MSD -% Recovery	Control Limit	Qualification
SVOC	J35586	MW-03	Fluorene 18%/18%	50% – 150%	Fluorene results in sample MW-03 were qualified as estimated (UJ) due to potential matrix interference.
Metals	J35586	MW-03	Thallium 76%/80% Potassium 127%/133%	79% – 121% 83% - 131%	Thallium and potassium results in sample MW-03 were qualified as estimated (J/UJ) due to potential matrix interference.
Metals	J48815	MW-03	Thallium 89%/77%	79% – 121%	Thallium results in sample MW-03 were qualified as estimated (J/UJ) due to potential matrix interference.

% - percent

Laboratory sample duplicates were performed on multiple Omar project samples for alkalinity and total dissolved solids. The RPDs for both sample and sample duplicate analyses were within laboratory control limits.

1.6 Surrogate Standards

Surrogate standards are added prior to extraction and analysis for VOCs by EPA Method 8260 and semivolatile organic compounds by EPA Method 8270 to monitor the efficiency of the extraction and the accuracy of the analysis for each sample. All surrogate spike recoveries were within the specified control limits for all samples.

1.7 Field Duplicate Samples

Four groundwater field duplicates were collected during the two sampling events. Table F-3 shows field duplicate results. Sample results are not qualified due to exceedances in field duplicate precision. Field duplicate data provides qualitative information about sample collection techniques or laboratory procedures.

Field duplicate precision is calculated for analytes detected above laboratory reporting limits in both the primary and field duplicate sample as shown on Table F-3. Analytes not detected in the samples are not shown. Field duplicate precision met the 35 percent RPD control limit for all duplicate analyses.

1.8 Data Qualifiers

Except where noted above, no additional data validation qualifiers were added to laboratory data.

1.9 Completeness

The following subsections present a discussion of holding-time and technical completeness for the annual sampling events. Field completeness was 100 percent as all groundwater samples were collected as planned.

Holding-time completeness is a quantitative determination of the number of holding-time compliant results compared to the total number of sample results, expressed as percentage. The holding-time completeness includes data qualified for missed holding times only. The holding time completeness goal is 100 percent. The holding-time goal was met for all analyses.

Technical completeness is a quantitative measure of the data usability based on the number of rejected data compared to the total number of sample results. The technical completeness calculation considers data that are not rejected to be usable. The technical completeness objective is 90 percent. As discussed in the previous subsection, sample results were qualified as estimated (J/UJ) due to various laboratory quality control outliers. However, the degree of the QC exceedances was small and did not affect the data usability. All data is considered usable, and the technical completeness was 100 percent for all analyses.

1.10 Summary

Based on the above data review, there were no significant, systematic problems identified with the analytical method performance. Minimal data were qualified due to analytical quality control exceedances, as discussed above. All laboratory data meet the quality objectives for the intended use, and all results are considered usable for project decisions.

Table F-1
Omar Former Rendering Plant
Sample Summary Table
Lab Sample Delivery Group, Date Collected, Lab Method, and Sample Type

SDG	Sample Date	Location	Sample ID	Sample Type	Analytic Method
J35585	08/11/2020	MW-18	MW-18_08112020	REG	E300.0
J35585	08/11/2020	MW-18	MW-18_08112020	REG	SM 2320B
J35585	08/11/2020	MW-18	MW-18_08112020	REG	SM2540C
J35585	08/11/2020	MW-18	MW-18_08112020	REG	SW6010B
J35585	08/11/2020	MW-18	MW-18_08112020	REG	SW7470A
J35585	08/11/2020	MW-18	MW-18_08112020	REG	SW8260B
J35585	08/11/2020	MW-22	MW-22_08112020	REG	E300.0
J35585	08/11/2020	MW-22	MW-22_08112020	REG	SM 2320B
J35585	08/11/2020	MW-22	MW-22_08112020	REG	SM2540C
J35585	08/11/2020	MW-22	MW-22_08112020	REG	SW6010B
J35585	08/11/2020	MW-22	MW-22_08112020	REG	SW7470A
J35585	08/11/2020	MW-22	MW-22_08112020	REG	SW8260B
J35585	08/11/2020	MW-24	MW-24_08112020	REG	E300.0
J35585	08/11/2020	MW-24	MW-24_08112020	REG	SM 2320B
J35585	08/11/2020	MW-24	MW-24_08112020	REG	SM2540C
J35585	08/11/2020	MW-24	MW-24_08112020	REG	SW6010B
J35585	08/11/2020	MW-24	MW-24_08112020	REG	SW7470A
J35585	08/11/2020	MW-24	MW-24_08112020	REG	SW8260B
J35585	08/11/2020	EQUIPMENT RINSE	QCEB_08112020	EB	SW8260B
J35585	08/11/2020	TRIP BLANK	QCTB_08112020	TB	SW8260B
J35586	08/11/2020	MW-02	MW-02_08112020	REG	E300.0
J35586	08/11/2020	MW-02	MW-02_08112020	REG	SM 2320B
J35586	08/11/2020	MW-02	MW-02_08112020	REG	SM2540C
J35586	08/11/2020	MW-02	MW-02_08112020	REG	SW6010B
J35586	08/11/2020	MW-02	MW-02_08112020	REG	SW7470A
J35586	08/11/2020	MW-02	MW-02_08112020	REG	SW8260B
J35586	08/11/2020	MW-02	MW-02_08112020	REG	SW8270C
J35586	08/11/2020	MW-03	MW-03_08112020	REG	E300.0
J35586	08/11/2020	MW-03	MW-03_08112020	REG	SM 2320B
J35586	08/11/2020	MW-03	MW-03_08112020	REG	SM2540C
J35586	08/11/2020	MW-03	MW-03_08112020	REG	SW6010B
J35586	08/11/2020	MW-03	MW-03_08112020	REG	SW7470A
J35586	08/11/2020	MW-03	MW-03_08112020	REG	SW8260B
J35586	08/11/2020	MW-03	MW-03_08112020	REG	SW8270C
J35586	08/11/2020	MW-08	MW-08_08112020	REG	E300.0
J35586	08/11/2020	MW-08	MW-08_08112020	REG	SM 2320B
J35586	08/11/2020	MW-08	MW-08_08112020	REG	SM2540C
J35586	08/11/2020	MW-08	MW-08_08112020	REG	SW6010B
J35586	08/11/2020	MW-08	MW-08_08112020	REG	SW7470A
J35586	08/11/2020	MW-08	MW-08_08112020	REG	SW8260B
J35586	08/11/2020	MW-08	MW-08_08112020	REG	SW8270C

Table F-1
Omar Former Rendering Plant
Sample Summary Table
Lab Sample Delivery Group, Date Collected, Lab Method, and Sample Type

SDG	Sample Date	Location	Sample ID	Sample Type	Analytic Method
J35586	08/11/2020	MW-13	MW-13_08112020	REG	E300.0
J35586	08/11/2020	MW-13	MW-13_08112020	REG	SM 2320B
J35586	08/11/2020	MW-13	MW-13_08112020	REG	SM2540C
J35586	08/11/2020	MW-13	MW-13_08112020	REG	SW6010B
J35586	08/11/2020	MW-13	MW-13_08112020	REG	SW7470A
J35586	08/11/2020	MW-13	MW-13_08112020	REG	SW8260B
J35586	08/11/2020	MW-13	MW-13_08112020	REG	SW8270C
J35586	08/11/2020	MW-13	PROGRAM WELL DUP_08112020	FD	E300.0
J35586	08/11/2020	MW-13	PROGRAM WELL DUP_08112020	FD	SM 2320B
J35586	08/11/2020	MW-13	PROGRAM WELL DUP_08112020	FD	SM2540C
J35586	08/11/2020	MW-13	PROGRAM WELL DUP_08112020	FD	SW6010B
J35586	08/11/2020	MW-13	PROGRAM WELL DUP_08112020	FD	SW7470A
J35586	08/11/2020	MW-13	PROGRAM WELL DUP_08112020	FD	SW8260B
J35586	08/11/2020	MW-13	PROGRAM WELL DUP_08112020	FD	SW8270C
J35586	08/11/2020	EQUIPMENT RINSE	QCEB_08112020A	EB	SW8260B
J35586	08/11/2020	TRIP BLANK	QCTB_08112020A	TB	SW8260B
J35704	08/12/2020	MW-16	MW-16_08122020	REG	E300.0
J35704	08/12/2020	MW-16	MW-16_08122020	REG	SM 2320B
J35704	08/12/2020	MW-16	MW-16_08122020	REG	SM2540C
J35704	08/12/2020	MW-16	MW-16_08122020	REG	SW6010B
J35704	08/12/2020	MW-16	MW-16_08122020	REG	SW7470A
J35704	08/12/2020	MW-16	MW-16_08122020	REG	SW8260B
J35704	08/12/2020	MW-17	MW-17_08122020	REG	E300.0
J35704	08/12/2020	MW-17	MW-17_08122020	REG	SM 2320B
J35704	08/12/2020	MW-17	MW-17_08122020	REG	SM2540C
J35704	08/12/2020	MW-17	MW-17_08122020	REG	SW6010B
J35704	08/12/2020	MW-17	MW-17_08122020	REG	SW7470A
J35704	08/12/2020	MW-17	MW-17_08122020	REG	SW8260B
J35704	08/12/2020	MW-20	MW-20_08122020	REG	E300.0
J35704	08/12/2020	MW-20	MW-20_08122020	REG	SM 2320B
J35704	08/12/2020	MW-20	MW-20_08122020	REG	SM2540C
J35704	08/12/2020	MW-20	MW-20_08122020	REG	SW6010B
J35704	08/12/2020	MW-20	MW-20_08122020	REG	SW7470A
J35704	08/12/2020	MW-20	MW-20_08122020	REG	SW8260B
J35704	08/12/2020	MW-21R	MW-21R_08122020	REG	E300.0
J35704	08/12/2020	MW-21R	MW-21R_08122020	REG	SM 2320B
J35704	08/12/2020	MW-21R	MW-21R_08122020	REG	SM2540C
J35704	08/12/2020	MW-21R	MW-21R_08122020	REG	SW6010B
J35704	08/12/2020	MW-21R	MW-21R_08122020	REG	SW7470A
J35704	08/12/2020	MW-21R	MW-21R_08122020	REG	SW8260B
J35704	08/12/2020	MW-23	MW-23_08122020	REG	E300.0

Table F-1
Omar Former Rendering Plant
Sample Summary Table
Lab Sample Delivery Group, Date Collected, Lab Method, and Sample Type

SDG	Sample Date	Location	Sample ID	Sample Type	Analytic Method
J35704	08/12/2020	MW-23	MW-23_08122020	REG	SM 2320B
J35704	08/12/2020	MW-23	MW-23_08122020	REG	SM2540C
J35704	08/12/2020	MW-23	MW-23_08122020	REG	SW6010B
J35704	08/12/2020	MW-23	MW-23_08122020	REG	SW7470A
J35704	08/12/2020	MW-23	MW-23_08122020	REG	SW8260B
J35704	08/12/2020	MW-16	NON PROGRAM DUP_08122020	FD	E300.0
J35704	08/12/2020	MW-16	NON PROGRAM DUP_08122020	FD	SM 2320B
J35704	08/12/2020	MW-16	NON PROGRAM DUP_08122020	FD	SM2540C
J35704	08/12/2020	MW-16	NON PROGRAM DUP_08122020	FD	SW6010B
J35704	08/12/2020	MW-16	NON PROGRAM DUP_08122020	FD	SW7470A
J35704	08/12/2020	MW-16	NON PROGRAM DUP_08122020	FD	SW8260B
J35704	08/12/2020	EQUIPMENT RINSE	QCEB_08122020	EB	SW8260B
J35704	08/12/2020	TRIP BLANK	QCTB_08122020	TB	SW8260B
J48815	01/19/2021	MW-02	MW-02_01192021	REG	E300.0
J48815	01/19/2021	MW-02	MW-02_01192021	REG	SM 2320B
J48815	01/19/2021	MW-02	MW-02_01192021	REG	SM2540C
J48815	01/19/2021	MW-02	MW-02_01192021	REG	SW6010B
J48815	01/19/2021	MW-02	MW-02_01192021	REG	SW7470A
J48815	01/19/2021	MW-02	MW-02_01192021	REG	SW8260B
J48815	01/19/2021	MW-02	MW-02_01192021	REG	SW8270C
J48815	01/19/2021	MW-03	MW-03_01192021	REG	E300.0
J48815	01/19/2021	MW-03	MW-03_01192021	REG	SM 2320B
J48815	01/19/2021	MW-03	MW-03_01192021	REG	SM2540C
J48815	01/19/2021	MW-03	MW-03_01192021	REG	SW6010B
J48815	01/19/2021	MW-03	MW-03_01192021	REG	SW7470A
J48815	01/19/2021	MW-03	MW-03_01192021	REG	SW8260B
J48815	01/19/2021	MW-03	MW-03_01192021	REG	SW8270C
J48815	01/19/2021	MW-08	MW-08_01192021	REG	E300.0
J48815	01/19/2021	MW-08	MW-08_01192021	REG	SM 2320B
J48815	01/19/2021	MW-08	MW-08_01192021	REG	SM2540C
J48815	01/19/2021	MW-08	MW-08_01192021	REG	SW6010B
J48815	01/19/2021	MW-08	MW-08_01192021	REG	SW7470A
J48815	01/19/2021	MW-08	MW-08_01192021	REG	SW8260B
J48815	01/19/2021	MW-08	MW-08_01192021	REG	SW8270C
J48815	01/19/2021	MW-13	MW-13_01192021	REG	E300.0
J48815	01/19/2021	MW-13	MW-13_01192021	REG	SM 2320B
J48815	01/19/2021	MW-13	MW-13_01192021	REG	SM2540C
J48815	01/19/2021	MW-13	MW-13_01192021	REG	SW6010B
J48815	01/19/2021	MW-13	MW-13_01192021	REG	SW7470A
J48815	01/19/2021	MW-13	MW-13_01192021	REG	SW8260B
J48815	01/19/2021	MW-13	MW-13_01192021	REG	SW8270C

Table F-1
Omar Former Rendering Plant
Sample Summary Table
Lab Sample Delivery Group, Date Collected, Lab Method, and Sample Type

SDG	Sample Date	Location	Sample ID	Sample Type	Analytic Method
J48815	01/19/2021	MW-08	PROGRAM WELL DUP_01192021	FD	E300.0
J48815	01/19/2021	MW-08	PROGRAM WELL DUP_01192021	FD	SM 2320B
J48815	01/19/2021	MW-08	PROGRAM WELL DUP_01192021	FD	SM2540C
J48815	01/19/2021	MW-08	PROGRAM WELL DUP_01192021	FD	SW6010B
J48815	01/19/2021	MW-08	PROGRAM WELL DUP_01192021	FD	SW7470A
J48815	01/19/2021	MW-08	PROGRAM WELL DUP_01192021	FD	SW8260B
J48815	01/19/2021	MW-08	PROGRAM WELL DUP_01192021	FD	SW8270C
J48815	01/19/2021	EQUIPMENT RINSE	QCEB_01192021	EB	SW8260B
J48815	01/19/2021	TRIP BLANK	QCTB_01192021	TB	SW8260B
J48818	01/19/2021	MW-22	MW-22_01192021	REG	E300.0
J48818	01/19/2021	MW-22	MW-22_01192021	REG	SM 2320B
J48818	01/19/2021	MW-22	MW-22_01192021	REG	SM2540C
J48818	01/19/2021	MW-22	MW-22_01192021	REG	SW6010B
J48818	01/19/2021	MW-22	MW-22_01192021	REG	SW7470A
J48818	01/19/2021	MW-22	MW-22_01192021	REG	SW8260B
J48818	01/19/2021	MW-22	NON PROGRAM WELL DUP_01192021	FD	E300.0
J48818	01/19/2021	MW-22	NON PROGRAM WELL DUP_01192021	FD	SM 2320B
J48818	01/19/2021	MW-22	NON PROGRAM WELL DUP_01192021	FD	SM2540C
J48818	01/19/2021	MW-22	NON PROGRAM WELL DUP_01192021	FD	SW6010B
J48818	01/19/2021	MW-22	NON PROGRAM WELL DUP_01192021	FD	SW7470A
J48818	01/19/2021	MW-22	NON PROGRAM WELL DUP_01192021	FD	SW8260B
J48818	01/19/2021	EQUIPMENT RINSE	QCEB_01192021A	EB	SW8260B
J48818	01/19/2021	TRIP BLANK	QCTB_01192021A	TB	SW8260B
J48929	01/20/2021	MW-16	MW-16_01202021	REG	E300.0
J48929	01/20/2021	MW-16	MW-16_01202021	REG	SM 2320B
J48929	01/20/2021	MW-16	MW-16_01202021	REG	SM2540C
J48929	01/20/2021	MW-16	MW-16_01202021	REG	SW6010B
J48929	01/20/2021	MW-16	MW-16_01202021	REG	SW7470A
J48929	01/20/2021	MW-16	MW-16_01202021	REG	SW8260B
J48929	01/20/2021	MW-18	MW-18_01202021	REG	E300.0
J48929	01/20/2021	MW-18	MW-18_01202021	REG	SM 2320B
J48929	01/20/2021	MW-18	MW-18_01202021	REG	SM2540C
J48929	01/20/2021	MW-18	MW-18_01202021	REG	SW6010B
J48929	01/20/2021	MW-18	MW-18_01202021	REG	SW7470A
J48929	01/20/2021	MW-18	MW-18_01202021	REG	SW8260B
J48929	01/20/2021	MW-20	MW-20_01202021	REG	E300.0
J48929	01/20/2021	MW-20	MW-20_01202021	REG	SM 2320B
J48929	01/20/2021	MW-20	MW-20_01202021	REG	SM2540C
J48929	01/20/2021	MW-20	MW-20_01202021	REG	SW6010B
J48929	01/20/2021	MW-20	MW-20_01202021	REG	SW7470A
J48929	01/20/2021	MW-20	MW-20_01202021	REG	SW8260B

Table F-1
Omar Former Rendering Plant
Sample Summary Table
Lab Sample Delivery Group, Date Collected, Lab Method, and Sample Type

SDG	Sample Date	Location	Sample ID	Sample Type	Analytic Method
J48929	01/20/2021	MW-21R	MW-21R_01202021	REG	E300.0
J48929	01/20/2021	MW-21R	MW-21R_01202021	REG	SM 2320B
J48929	01/20/2021	MW-21R	MW-21R_01202021	REG	SM2540C
J48929	01/20/2021	MW-21R	MW-21R_01202021	REG	SW6010B
J48929	01/20/2021	MW-21R	MW-21R_01202021	REG	SW7470A
J48929	01/20/2021	MW-21R	MW-21R_01202021	REG	SW8260B
J48929	01/20/2021	MW-23	MW-23_01202021	REG	E300.0
J48929	01/20/2021	MW-23	MW-23_01202021	REG	SM 2320B
J48929	01/20/2021	MW-23	MW-23_01202021	REG	SM2540C
J48929	01/20/2021	MW-23	MW-23_01202021	REG	SW6010B
J48929	01/20/2021	MW-23	MW-23_01202021	REG	SW7470A
J48929	01/20/2021	MW-23	MW-23_01202021	REG	SW8260B
J48929	01/20/2021	MW-24	MW-24_01202021	REG	E300.0
J48929	01/20/2021	MW-24	MW-24_01202021	REG	SM 2320B
J48929	01/20/2021	MW-24	MW-24_01202021	REG	SM2540C
J48929	01/20/2021	MW-24	MW-24_01202021	REG	SW6010B
J48929	01/20/2021	MW-24	MW-24_01202021	REG	SW7470A
J48929	01/20/2021	MW-24	MW-24_01202021	REG	SW8260B
J48929	01/20/2021	EQUIPMENT RINSE	QCEB_01202021	REG	SW8260B
J48929	01/20/2021	TRIP BLANK	QCTB_01202021	TB	SW8260B
J48929	01/20/2021	TPMW-01	TPMW-01_01202021	REG	E300.0
J48929	01/20/2021	TPMW-01	TPMW-01_01202021	REG	SM 2320B
J48929	01/20/2021	TPMW-01	TPMW-01_01202021	REG	SM2540C
J48929	01/20/2021	TPMW-01	TPMW-01_01202021	REG	SW6010B
J48929	01/20/2021	TPMW-01	TPMW-01_01202021	REG	SW7470A
J48929	01/20/2021	TPMW-01	TPMW-01_01202021	REG	SW8260B

FD - Field Dulicate Sample

EB - Equipment Blank

TB - Trip Blank

REG - Regular Primary Samples

Table F-2
Omar Former Rendering Plant
Qualified Data Summary

SDG	Method	Sample ID	Sample Date	Analyte	Result	Units	Validation Qualifier
Reason Code B1 (Laboratory Blank Contamination)							
J35586-1	SW6010B	MW-02_08112020	08/11/2020	Silver	0.012	mg/L	U
J35586-1	SW6010B	MW-03_08112020	08/11/2020	Silver	0.01	mg/L	U
J35586-1	SW6010B	MW-13_08112020	08/11/2020	Silver	0.1	mg/L	U
J35585-1	SW6010B	MW-22_08112020	08/11/2020	Silver	0.01	mg/L	U
J35586-1	SW8260B	MW-08_08112020	08/11/2020	Chloroform	0.5	µg/L	U
Reason Code B4 (Trip Blank Contamination)							
J35585-1	SW8260B	MW-18_08112020	08/11/2020	Dichloromethane	1	µg/L	U
L (Laboratory Control Sample)							
J35704-1	SW8260B	MW-16_08122020	08/12/2020	1,1-Dichloroethene	4.4	µg/L	J
J35704-1	SW8260B	MW-21R_08122020	08/12/2020	1,1-Dichloroethene	210	µg/L	J
J35704-1	SW8260B	MW-23_08122020	08/12/2020	1,1-Dichloroethene	38	µg/L	J
J35704-1	SW8260B	NON PROGRAM DUP_08122020	08/12/2020	1,1-Dichloroethene	5.4	µg/L	J
M (Matrix Spike)							
J48815-1	SW6010B	MW-03_01192021	01/19/2021	Thallium	0.05	mg/L	UJ
J35586-1	SW6010B	MW-03_08112020	08/11/2020	Potassium	16.1	mg/L	J
J35586-1	SW6010B	MW-03_08112020	08/11/2020	Thallium	0.05	mg/L	UJ
J35586-1	SW8270C	MW-03_08112020	08/11/2020	Fluorene	9.4	µg/L	UJ

mg/L - milligrams per liter

J - estimated concentration

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is estimated.

µg/L - micrograms per liter

Table F-3
Omar Former Rendering Plant
Field Duplicate Precision, August 2020 and January 2021

Location Code		MW-08 (Jan)				RPD	MW-13 (Aug)				RPD	MW-16 (Aug)				RPD	MW-22 (Jan)				RPD
Sample Identification		Field Dup		Primary		Control Limit	Field Dup		Primary		Control Limit	Field Dup		Primary		Control Limit	Field Dup		Primary		Control Limit
Sample Date	Units	1/19/2021		1/19/2021		≤ 35%	8/11/2020		8/11/2020		≤ 35%	8/12/2020		8/12/2020		≤ 35%	1/19/2021		1/19/2021		≤ 35%
Volatiles																					
1,1,2-Trichloroethane	µg/L	0.5	U	0.5	U	NC	1.1		0.8	J	NC	0.68		0.58	J	NC	0.5	U	0.5	U	NC
1,1-Dichloroethane	µg/L	0.5	U	0.5	U	NC	13		13		0%	1.3		1.3		0%	6.7		6.7		0%
Chloroform	µg/L	0.5	U	0.5	U	NC	9.5		9.5		0%	0.79		0.78	J	NC	0.38	J	0.35	J	8%
cis-1,2-Dichloroethene	µg/L	0.5	U	0.5	U	NC	14		14		0%	2.3		2.3		0%	5.9		5.8		2%
Tetrachloroethene	µg/L	0.5	U	0.5	U	NC	1.5		1.2	J	22%	1.6		1.4		13%	0.5	U	0.5	U	NC
trans-1,2-Dichloroethene	µg/L	0.5	U	0.5	U	NC	0.76		0.69	J	10%	0.1	J	1	U	NC	0.53		0.51		4%
Trichloroethene	µg/L	0.98		1		2%	59		48		21%	47		44		7%	15		16		6%
All other VOCs	µg/L	ND or J		ND or J		NC	ND or J		ND or J		NC	ND or J		ND or J		NC	ND or J		ND or J		NC
Semivolatile																					
All SVOC analytes	µg/L	ND		ND		NC	ND		ND		NC	--		--		--	--		--		--
General Chemisty																					
Alkalinity as CaCO3	mg/L	139		139		0%	445		455		2%	530		527		1%	338		332		2%
Chloride	mg/L	2800		2800		0%	5500		4900		12%	3500		3500		0%	4900		4800		2%
Nitrate	mg/L	12		12		0%	95		86		10%	72		73		1%	3.7		4		8%
o-Phosphate (as P)	mg/L	0.2	U	0.2	U	NC	0.5	U	0.5	U	NC	0.5	U	0.5	U	NC	0.5	U	0.5	U	NC
Sulfate	mg/L	440		440		0%	370		370		0%	960		970		1%	510		510		0%
Total Dissolved Solids	mg/L	5620		5750		2%	10400		10000		4%	9300		10300		10%	9950		9920		0%
Dissolved Metals																					
Barium	mg/L	0.0317		0.0314		1%	0.242		0.242		0%	0.0561		0.0576		3%	0.107		0.107		0%
Calcium	mg/L	396		396		0%	632		631		0%	590		596		1%	656		669		2%
Magnesium	mg/L	45.9		45.6		1%	216		218		1%	287		289		1%	214		216		1%
Molybdenum	mg/L	0.116		0.111		4%	0.00792	J	0.0222	J	NC	0.05	U	0.00583	J	NC	0.05	U	0.05	U	NC
Nickel	mg/L	0.85		0.842		1%	0.0317	J	0.0346	J	NC	0.00963	J	0.0105	J	NC	0.117		0.116		1%
Potassium	mg/L	14.6		14.8		1%	21.1		21.1		0%	11.2		11.2		0%	21		21.2		1%
Sodium	mg/L	1530		1540		1%	2830		2750		3%	2410		2400		0%	2540		2550		0%
All other Metals	mg/L	ND or J		ND or J		NC	ND or J		ND or J		NC	ND or J		ND or J		NC	ND or J		ND or J		NC

% - percent.

NC -Field duplicate precision is calculated for analytes detected above laboratory reporting limit in both the primary and field duplicate sample. It is not calculated for estimated concentrations (J Qualified) reported below the laboratory RL.

-- - not analyzed for this parameter.

mg/L - miligrams per liter.

ND - not detected.

J - estimated concentration detected above the method detection limit but below the laboratory reporting limit.

µg/L - micrograms per liter .

Appendix G
Semiannual Field Inspection Logs

Fall 2020

FIELD INSPECTION LOG

Site: **Omar Waste Cell**
1886 Auto Park Place
Chula Vista, California

Date: 07/02/2020

Inspected By: Kaili Kott

Item	Observation	Yes	No*	Note and/or Photo Number
1.	Waste Cell Cover			
	• Cracking absent? (If no, note location on attached map and describe length, width, and depth)	X		
	• Damaged areas absent (e.g., from vehicle traffic)?	X		
	• Holes from burrowing animals (e.g., snakes, rodents) absent?	X		
	• Soil subsidence (greater than 2 inches in depth over an area of less than 25 square feet) absent? (If no, show perimeter of subsidence area on attached map and note depth of subsidence)	X		
	• Trash or debris absent?	X		
2.	Waste Cell Perimeter Berm			
	• Signs of breaching absent?	X		
3.	Catch Basins/Pipe Downdrains			
	• Catch basin lid in place?	X		
	• Catch basin free of silt and/or debris accumulation?	X		
	• Signs of circumvention and/or undercutting by storm water at catch basin inlet absent?	X		
	• Signs of undercutting by storm water at pipe downdrain terminus absent?	X		
4.	Waste Cell Drainage			
	• Sheet erosion absent?	X		
	• Rill (small channel) erosion absent?	X		
	• Ponded water absent?	X		
5.	Sideslope Drainage			
	• Washouts absent?	X		
	• Rills (i.e., small channel) erosion absent?	X		
	• Evidence of seepage absent?	X		
6.	Drainage Ditches			
	• Excessive silt and/or debris accumulation absent?	X		
	• Concrete channel lining intact?	X		
	• Signs of undercutting of channel lining absent?	X		
	• Choking by overgrown vegetation absent?		X	Vegetation overgrowth cleared from the drainage ditch near DP-2R
7.	Vegetation Cover			
	• Adequate cover to prevent erosion?	X		
	• Evidence of uprooted trees absent on sideslopes?	X		
8.	Monitoring Wells			
	• Concrete pad in good condition?	X		
	• Wellhead protective cover/cap locked?		X	Locks that were unlocked were re-engaged during the inspection (MW-11, MW-13, MW-08, MW-04, MW-17)
	• Traffic posts in good condition?	X		
	• Well ID No. visible/legible?		X	Arrangements are being made to replace ID places at wells in need of replacement plates.
	• Surface water draining away from well?	X		
9.	Security Measures			
	• Gates locked upon arrival for inspection?	X		
	• Signs of vandalism along fenceline absent?	X		
	• No litter or debris thrown over fence?	X		
	• Warning signs in place?	X		

* A "No" response requires a comment to define corrective action required.

Describe unsatisfactory conditions in more detail below. Suggest corrective actions, if possible. A sketch or photo may be helpful.

Notes:

Shubbery, overgrown grass was lining drainage area, and leaf litter covered discharge points DP-1R and DP-2R.
Shubbery was trimmed along the discharge points, and leaf littler was scooped out with shovels.

Overgrown weeds and low-hanging tree branches were obstructing pathways to wells MW-11 and MW-17.
Weeds were cleared and branches were trimmed along the paths to MW-11 and MW-17.

MW-11, MW-13, MW-08, MW-04, and MW-17 were unlocked and couldn't easily close.
New locks with 1.5", 0.75", and 2" shackles were ordered to replace existing unlockable locks.

Human excrement from homeless encampment was found in 5-gallon bucket and other personal belongings along the pathway to MW-17. These were moved our of the access route.

Routine maintenance needed and conducted for pathways to and areas near MW-11 and MW-17, as well as areas surrounding BGW-02, MW-21R, MW-07, MW-08, MW-02, MW-03, MW-13, and MW-04.

Aptim cleaned out drainage channels, removed debris and plant materials, and cleaned up access roads.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo # 1 **Direction**: West
Date: 07/01/20 **Time:** 09:52 am

Description: Debris present in the V ditch sampling area.



Photo #: 2 **Direction**: West
Date: 07/01/20 **Time:** 11:03 am

Description: Debris cleared in the V ditch sampling area.



Photo #: 3 **Direction**: East
Date: 07/01/20 **Time:** 09:52 am

Description: Leaf litter and overgrown grass in the V ditch.



Photo #: 4 **Direction**: East
Date: 07/01/20 **Time:** 11:03 am

Description: Leaf litter removed, and grass trimmed near the V ditch.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo #: 5 **Direction**: West
Date: 07/01/20 **Time:** 09:53 am

Description: Overgrown weeds covered MW-08, MW-02, and MW-03.



Photo #: 6 **Direction**: West
Date: 07/02/20 **Time:** 09:52 am

Description: Weeds were cleared, and MW-08, M2-02 and MW-03 are visible.



Photo #: 7 **Direction**: North
Date: 07/01/20 **Time:** 09:51 am

Description: Pathway to MW-07 unclear due to overgrown weeds.



Photo #: 8 **Direction**: North
Date: 07/01/20 **Time:** 09:51 am

Description: Weeds were cleared, and a path to MW-07 was created.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo #: 9 **Direction**: North
Date: 07/02/20 **Time:** 09:49 am

Description: MW-08 was unlocked when inspection occurred.



Photo #: 10 **Direction**: NW
Date: 07/02/20 **Time:** 09:51 am

Description: Lock was enforced on MW-08.



Photo #: 11 **Direction**: North
Date: 07/20/20 **Time:** 09:50 am

Description: MW-03 was unlocked when inspection occurred.



Photo #: 12 **Direction**: North
Date: 07/20/20 **Time:** 09:51 am

Description: Lock was enforced on MW-03.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo #: 13 **Direction**: NW
Date: 07/01/20 **Time:** 11:20 am

Description: Area surrounding MW-04 covered with overgrown weeds.



Photo #: 14 **Direction**: NE
Date: 07/01/20 **Time:** 11:30 am

Description: Weeds were cleared, and bricks were reorganized along side of hill near MW-04.



Photo #: 15 **Direction**: NE
Date: 07/02/20 **Time:** 10:00 am

Description: MW-04 was unlocked when inspection occurred.



Photo #: 16 **Direction**: NE
Date: 07/02/20 **Time:** 10:01 am

Description: Lock was enforced on MW-04.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo #: 17 **Direction**: SW
Date: 07/01/20 **Time:** 09:07 am

Description: Weeds obstructing the pathway to BGW-02.



Photo #: 18 **Direction**: SW
Date: 07/01/20 **Time:** 09:27 am

Description: Area surrounding BGW-02 cleared of weeds.



Photo #: 19 **Direction**: East
Date: 07/01/20 **Time:** 12:48 am

Description: Entrance to MW-11 covered with weeds and overgrown shrubbery on path.



Photo #: 20 **Direction**: East
Date: 07/02/20 **Time:** 09:03 am

Description: Weeds were cleared, and bushes were trimmed along the entrance to MW-11.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo #: 21 **Direction**: South
Date: 07/01/20 **Time:** 12:50 am

Description: Weeds covering MW-11.



Photo #: 22 **Direction**: South
Date: 07/02/20 **Time:** 08:58 am

Description: Weeds were cleared, MW-11 visible.



Photo #: 23 **Direction**: South
Date: 07/02/20 **Time:** 08:36 am

Description: MW-11 was unlocked when inspection occurred.



Photo #: 24 **Direction**: North
Date: 07/02/20 **Time:** 08:58 am

Description: Lock was enforced on MW-11.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo #: 25 **Direction**: SE
Date: 07/02/20 **Time:** 10:10 am

Description: Entrance to MW-17 obstructed by overgrown weeds.



Photo #: 26 **Direction**: SE
Date: 07/02/20 **Time:** 11:55 am

Description: Weeds were cleared and path to MW-17 was widened.



Photo #: 27 **Direction**: East
Date: 07/02/20 **Time:** 10:51 am

Description: Halfway spot to MW-17 obstructed by homeless belongings.



Photo #: 28 **Direction**: East
Date: 07/02/20 **Time:** 11:53 am

Description: Objects were placed to the sides, and pathway to MW-17 was widened.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405



Photo #: 29 **Direction**: SE
Date: 07/02/20 **Time:** 10:53 am

Description: Access to MW-17 obstructed by overgrown weeds.



Photo #: 30 **Direction**: SE
Date: 07/02/20 **Time:** 11:48 am

Description: Weeds were cleared surrounding MW-17.



Photo #: 31 **Direction**: South
Date: 07/02/20 **Time:** 10:54 am

Description: MW-17 was unlocked when inspection occurred.



Photo #: 32 **Direction**: South
Date: 07/02/20 **Time:** 11:51 am

Description: Lock was enforced on MW-17.

APTIM

Photographic Documentation

Client: Otay Mesa II
Location: Chula Vista, CA
Photograph Date: July 2020

Prepared by: Aptim E & I, LLC.
Photographer: K. Kott & S. Morey
Project No: 102405

<table>
<tr>
<td>
</td>
<td>
</td>
</tr>
<tr>
<td>Photo #: 33 Direction: NE
Date: 07/02/20 Time: 09:16 am</td>
<td>Photo #: 34 Direction: NE
Date: 07/02/20 Time: 09:23 am</td>
</tr>
<tr>
<td>Description: MW-13 was unlocked when inspection occurred.</td>
<td>Description: Lock was enforced on MW-13.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Photo #: Direction:
Date: Time:</td>
<td>Photo #: Direction:
Date: Time:</td>
</tr>
<tr>
<td>Description:</td>
<td>Description:</td>
</tr>
</table>

Spring 2021

FIELD INSPECTION LOG

Site: **Omar Waste Cell**
1886 Auto Park Place
Chula Vista, California

Date: 01/11/21

Inspected By: T.Rich

Item	Observation	Yes	No*	Note and/or Photo Number
1.	Waste Cell Cover			
	• Cracking absent? (If no, note location on attached map and describe length, width, and depth)	x		
	• Damaged areas absent (e.g., from vehicle traffic)?	x		
	• Holes from burrowing animals (e.g., snakes, rodents) absent?	x		
	• Soil subsidence (greater than 2 inches in depth over an area of less than 25 square feet) absent? (If no, show perimeter of subsidence area on attached map and note depth of subsidence)	x		
	• Trash or debris absent?	x		
2.	Waste Cell Perimeter Berm			
	• Signs of breaching absent?	x		
3.	Catch Basins/Pipe Downdrains			
	• Catch basin lid in place?	x		
	• Catch basin free of silt and/or debris accumulation?	x		
	• Signs of circumvention and/or undercutting by storm water at catch basin inlet absent?	x		
	• Signs of undercutting by storm water at pipe downdrain terminus absent?	x		
4.	Waste Cell Drainage			
	• Sheet erosion absent?	x		
	• Rill (small channel) erosion absent?	x		
	• Ponded water absent?	x		
5.	Sideslope Drainage			
	• Washouts absent?	x		
	• Rills (i.e., small channel) erosion absent?	x		
	• Evidence of seepage absent?	x		
6.	Drainage Ditches			
	• Excessive silt and/or debris accumulation absent?	x		
	• Concrete channel lining intact?	x		
	• Signs of undercutting of channel lining absent?			
	• Choking by overgrown vegetation absent?	x		
7.	Vegetation Cover			
	• Adequate cover to prevent erosion?	x		
	• Evidence of uprooted trees absent on sideslopes?	x		
8.	Monitoring Wells			
	• Concrete pad in good condition?	x		
	• Wellhead protective cover/cap locked?	x		
	• Traffic posts in good condition?	x		
	• Well ID No. visible/legible?	x		
	• Surface water draining away from well?	x		
9.	Security Measures			
	• Gates locked upon arrival for inspection?	x		Lower gate secured. Upper gate open during business hours and actively used by the parking lot owner/drivers.
	• Signs of vandalism along fenceline absent?	x		
	• No litter or debris thrown over fence?	x		
	• Warning signs in place?	x		

* A "No" response requires a comment to define corrective action required.

Describe unsatisfactory conditions in more detail below. Suggest corrective actions, if possible. A sketch or photo may be helpful.

Notes:

Top of waste cell is paved and used as a parking lot. The lot owner maintains the area, and the parking lot, catch basins, and drainage areas appear to be in good condition.

The lower gate has locks and signage in place. Fence is maintained. Program wells are secure.

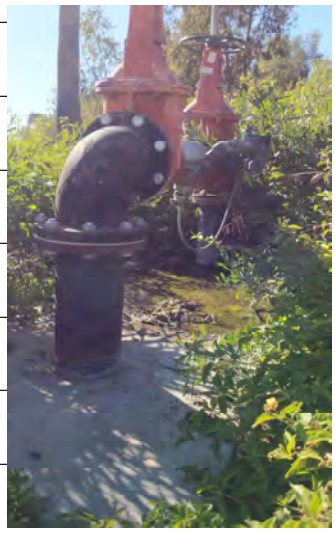
New gates & locks impede access to gauging well MW-11.

Our lock has been removed from the MW-17 gate. We no longer have vehicle access to the location.

Homeless camp set up around MW-17. Safety concerns.

A pipe southeast of the waste cell appears to occasionally be leaking water. The pipe is located along Auto Park Place near the base of the waste cell driveway (south of Terrace 3).







Lower gate locks & signs in place; site secured.



Waste cell Program Wells MW-02, MW-03, & MW-08

Homeless Encampment at MW-17 Photo by BBC taken on 01/19/21



Soil and Ground-water Investigation
Brandywine Distribution Center
1670 and 1690 Brandywine Avenue
Chula Vista, California

Prepared for

Chula Vista Industrial Realty, Inc.
725 South Figueroa Street, 3rd Floor
Los Angeles, California 90017

Prepared by

Ogden Environmental and Energy Services Co., Inc.
5510 Morehouse Drive
San Diego, California 92121
(619) 458-9044

RECEIVED
MAY 10 1996
SAN DIEGO REGIONAL WATER
QUALITY CONTROL BOARD

May 1996
Project No. 570920144

TABLE OF CONTENTS

SECTION	TITLE	PAGE
ES	EXECUTIVE SUMMARY	ES-1
1	INTRODUCTION AND SITE DESCRIPTION	1-1
1.1	Introduction	1-1
1.2	Site Description	1-1
2	PREVIOUS INVESTIGATIONS	2-1
3	FIELD INVESTIGATION ACTIVITIES	3-1
3.1	Underground Utility Check and Utility Detection Survey	3-1
3.2	Soil Sampling	3-1
3.3	Monitoring Well Installation	3-2
3.4	Ground-water Sampling	3-3
3.5	Soil and Ground-water Sample Analysis	3-3
3.6	Surveying and Depth to Ground-water Measurements	3-4
3.7	Heat-pulse Flow Logging	3-4
3.8	Management of Investigation-derived Waste	3-5
4	INVESTIGATION RESULTS AND DISCUSSION	4-1
4.1	General Geologic Conditions	4-1
4.2	Regional Ground-water Conditions	4-1
4.3	Subsurface Soil Conditions	4-2
4.4	Site Ground-water Conditions	4-2
4.5	Analytical Results	4-4
4.6	Heat-pulse Flow Logging Results	4-14
4.7	Results of Contaminant Mobility Evaluation	4-16
5	SUMMARY AND CONCLUSIONS	5-1
6	RECOMMENDATIONS	6-1
7	REFERENCES	7-1

TABLE OF CONTENTS (Continued)

SECTION	TITLE	PAGE
8	LIMITATIONS	8-1

LIST OF FIGURES

NUMBER	TITLE	PAGE
1-1	Project Location Map	1-2
2-1	Soil Boring Locations for Present and Previous Investigation	2-2
4-1	Water-table Gradient Map (2/27/96) and Heat-pulse Flow Logging Results	4-3
4-2	Ground-water Elevations in the Project Vicinity	4-5
4-3	Soil Sampling Analytical Results	4-6
4-4	Ground-water Sampling Analytical Results	4-10

LIST OF TABLES

NUMBER	TITLE	PAGE
2-1	Analytical Results from Previous Phase II Subsurface Investigation	2-3
4-1	Total Organic Carbon (TOC) Results for Soil	4-7
4-2	General Minerals Results for Ground Water	4-9
4-3	Comparison of TCE and Methylene Chloride Ground-water Results with Adjacent Sites	4-11
4-4	Metals Results for Ground Water	4-12
4-5	Comparison of Site Ground-water Metal Concentrations with Ground-water Data from the Omar and Otay Landfill Sites	4-13
4-6	Summary of Heat-pulse Flow Logging Results	4-15
4-7	Summary of Estimated K_d Values	4-19
4-8	Estimated R Values and TCE Plume Velocities	4-19

TABLE OF CONTENTS (Continued)

LIST OF APPENDICES

LETTER	TITLE
A	Description of USCS and Boring/Monitoring Well Logs
	ULS Report (Utility Detection Survey)
	Well Development and Ground-water Sampling Logs
B	Analytical Laboratory Reports
C	Use of a Geo Flowmeter for the Determination of Ground Water Flow Direction

EXECUTIVE SUMMARY

This report presents the results of a limited ground-water and soil investigation conducted by Ogden Environmental and Energy Services Co., Inc. (Ogden) at the Brandywine Distribution Center, located at 1670 and 1690 Brandywine Avenue in Chula Vista, California. The investigation was conducted on behalf of Chula Vista Industrial Realty, Inc. The purpose of the investigation was to verify the presence of ground-water contamination beneath the site, evaluate ground-water flow direction, velocity and gradient, and assess potential sources of identified contamination.

Two previous investigations have been conducted at the site: a Phase I Environmental Site Assessment conducted by BEM Systems, Inc. in March 1994, and a Phase II subsurface environmental investigation conducted by Ceres Environmental in May 1995. Results of the Phase I site assessment indicated that no regulated or hazardous substances were found to be in current use at the site, nor were such substances being disposed of at the site. Previous tenants were primarily product distributors who would not likely use hazardous substances. The Phase II investigation results indicated that halogenated and non-halogenated volatile organic compounds (HVOCs and VOCs) occur in site soil and ground water. The observed soil impacts were located adjacent to the water table and likely associated with ground water contamination. According to the previous Phase I and Phase II investigation results, hazardous substances, especially compounds such as trichloroethene (TCE), tetrachloroethene (PCE), and methylene chloride that were detected in site soil and ground water were not used or likely disposed of at the site. BEM Systems therefore concluded that an offsite source of the observed VOC and HVOC contamination was likely. Known potential offsite sources include the former Omar rendering facility, located approximately 700 feet east of the site (the Omar facility accepted Class 1 liquid industrial wastes from 1959 to 1978), and the Otay Landfill, located approximately one-half mile northeast of the site. Extensive documentation exists in San Diego Regional Water Quality Control Board (SDRWQCB) files that indicates significant TCE and methylene chloride contamination occurs in soil and ground water at the Omar facility.

This limited soil and ground-water investigation, conducted between February 5 and March 13, 1996, included completion and sampling of five soil borings, installation and sampling of five ground-water monitoring wells, analytical testing of soil and ground-water samples, heat pulse flow logging to determine ground water flow direction, gradient and velocity, geochemical evaluation of ground water, and report preparation.

Results of this investigation indicated no detectable soil contamination (VOCs and HVOCs) occurs within the unsaturated zone onsite. However, relatively high VOC and HVOC ground-water contamination was encountered in the central portion of the site, with lower concentrations detected throughout the remainder of the site.

Heat pulse flow logging results from the central portion of the site (MW-03 and MW-04) indicate that ground-water flow in this area of the site appears to be in a generally westward direction. Observed ground-water flow rates ranged from 2.7 to 13.9 feet per day. These measurements are generally consistent with the overall direction of the measured hydraulic gradient. Heat pulse flow logging of outlying wells indicated no measurable flow (MW-01 and MW-05) or variable flow (MW-02).

Results of geochemical analysis of site ground water indicate that site ground water is of poor quality, with generally high total dissolved solids, hardness, electrical conductivity sulfate, and chloride. The ground water is not considered to be a potable water resource by the SDRWQCB (SDRWQCB 1995). One well (MW-02) had considerably lower general minerals results than the others, suggesting a localized freshwater source such as irrigation water or a leaking water line.

Contaminant mobility calculations indicate that a TCE plume originating at the Omar facility could migrate to the subject site within a relatively short time period (0.4 to 2.7 years). Because no evidence indicates that an onsite source of the observed ground-water contamination exists, and based on the results of the ground-water flow direction, velocity and gradient measurements, the most likely source of ground water contamination appears to be the adjacent Omar facility. To be effective, potential ground-water remediation activities would have to be initiated at the offsite contaminant source rather than at the subject site.

SECTION 1
INTRODUCTION AND SITE DESCRIPTION

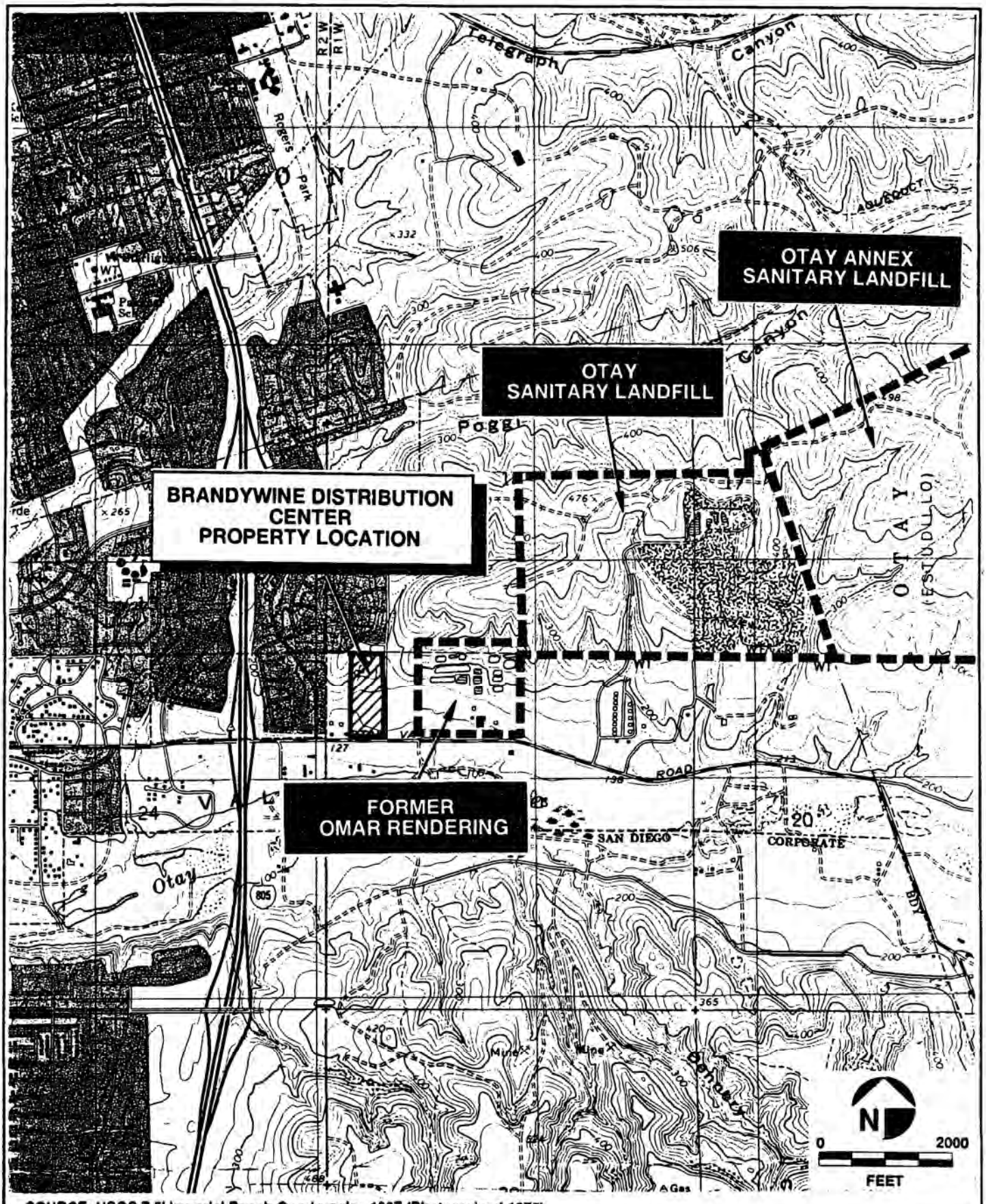
1.1 INTRODUCTION

This report presents results of a limited soil and ground-water investigation conducted at the Brandywine Distribution Center (subject site), located at 1670 and 1690 Brandywine Avenue in Chula Vista, California. A project location map is shown in Figure 1-1. This investigation was conducted by Ogden Environmental and Energy Services Company, Inc., (Ogden) for Chula Vista Industrial Realty, Inc. at the request of Mr. Robert C. Lascelles. The investigation was conducted to verify the presence of ground-water contamination beneath the subject site, evaluate ground-water flow direction, velocity, and gradient, and assess potential sources of the identified contamination.

This report includes an introduction and site description (Section 1); a discussion of previous investigations conducted at the subject site (Section 2); field investigation activities (Section 3); investigation results and discussion (Section 4); conclusions and recommendations (Section 5); references (Section 6) and limitations (Section 7).

1.2 SITE DESCRIPTION

The subject site is located along the west side of Brandywine Avenue, immediately north of Otay Valley Road, in Chula Vista, California (Figure 1-1). According to a previous Phase I Environmental Site Assessment performed for the property, the site consists of two rectangular parcels with a combined area of 9.84 acres (BEM 1994). The subject property contains two commercial/light industrial buildings located at 1670 and 1690 Brandywine Avenue, located across Shinohara Lane from each other. The majority of the site is paved with asphalt, with landscaping around the edges of the site. The site generally slopes from north to south and ranges in elevation from approximately 175 feet above mean sea level (MSL) along the northern boundary to approximately 130 feet MSL along the southern site boundary.



SOURCE: USGS 7.5' Imperial Beach Quadrangle, 1967 (Photorevised 1975)

OGDEN

Project Location Map

FIGURE

1-1

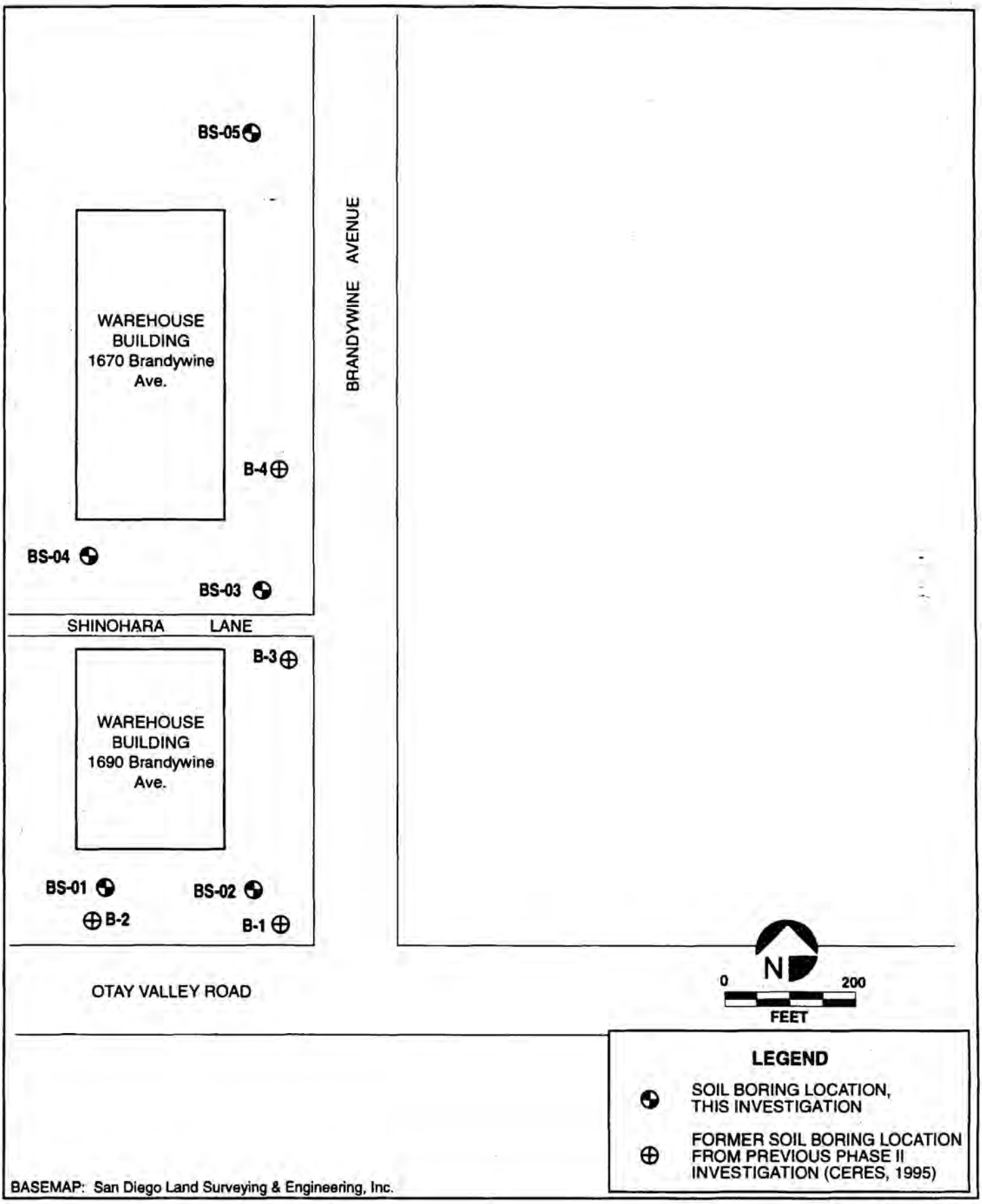
SECTION 2
PREVIOUS INVESTIGATIONS

Two previous environmental investigations have been conducted at the subject site, including a Phase I Environmental Site Assessment and a Phase II subsurface soil assessment. BEM Systems, Inc. (BEM) conducted a Phase I investigation in March, 1994. The purpose of the Phase I investigation was to identify existing or potential environmental hazards and to recommend whether further investigation would be warranted.

According to the Phase I report, the site was believed to be previously undeveloped. Based on a site reconnaissance and interviews with current building tenants, no regulated or hazardous substances were found to be in current use at the site, nor were such substances being disposed of at the site. According to the property manager, previous tenants were primarily product distributors who would not likely use hazardous substances. Current tenants were reported to be involved in the sale or distribution of lumber, hardware, dried flowers, halogen lamps, and Easter baskets, and would not be likely to use hazardous substances (BEM 1994).

A Phase II subsurface environmental investigation conducted by Ceres Environmental (CERES) in May, 1995, provided data indicating that soil and ground water beneath the subject site contains halogenated and non-halogenated volatile organic compounds (HVOCs and VOCs). Four soil borings were excavated on May 12 and 15, 1995, as shown in Figure 2-1. Soil samples collected at the soil/ground-water interface from borings B-1, B-3, and B-4 were submitted to an analytical laboratory for analysis (refusal on large cobbles was encountered in B-2 prior to reaching ground water). Ground-water samples were also obtained from soil borings B-1, B-3, and B-4. Table 2-1 presents the analytical results for soil and ground water.

CERES concluded that the most likely source of the observed HVOCs and VOCs in soil and ground water was the former Omar Rendering (Omar) site, located approximately 700 feet east of the subject site. The Omar site is described in the 1994 BEM Phase I report as being listed in the CORTESE, CERCLIS, CALSITES, and SWIS environmental databases. According to files reviewed by CERES at the San Diego Regional Water Quality Control Board (SDRWQCB), the Omar Rendering facility accepted Class I liquid industrial wastes from 1959 to 1978. These liquids, which included organic solvents,



OGDEN

Soil Boring Locations for Present and Previous Investigation

FIGURE

2-1

X:\GRAPHICS\BRANDYWIN\BASEMAP.FH5

Table 2-1

ANALYTICAL RESULTS FROM PREVIOUS PHASE II SUBSURFACE INVESTIGATION

Analyte	B-01-50 (soil)	B-04-70 (soil)	B-01-W-01 (ground water)	B-03-W-02 (ground water)	B-04-W-03 (ground water)
Trichloroethene (TCE)	<5 µg/l	59 µg/kg	470 µg/l	680 µg/l	430 µg/l
Tetrachloroethene (PCE)	<5 µg/l	<5 µg/l	12 µg/l	14 µg/l	11 µg/l
1,1-dichloroethene	<5 µg/l	<5 µg/l	32 µg/l	46 µg/l	8.2 µg/l
1,1-dichloroethane (DCA)	<5 µg/l	5 µg/kg	25 µg/l	<5 µg/l	27 µg/l
1,1,2-trichloroethane	<5 µg/l	<5 µg/l	19 µg/l	17 µg/l	<5 µg/l
1,2-dichloroethane	<5 µg/l	<5 µg/l	4 µg/l	6 µg/l	<5 µg/l
cis-1,2-dichloroethene	<5 µg/l	<5 µg/l	<5 µg/l	3 µg/l	<5 µg/l
Methylene chloride	<20 µg/l	<20 µg/l	<5 µg/l	<20 µg/l	10 µg/l
Chloroform	<5 µg/l	<5 µg/l	7.9 µg/l	11 µg/l	4.3 µg/l
Benzene	<5 µg/l	<5 µg/l	<5 µg/l	3.1 µg/l	<5 µg/l
Total xylenes	6.2 µg/kg	<5 µg/l	<5 µg/l	<5 µg/l	<5 µg/l

Source: CERES 1995

µg/kg	micrograms per kilogram
µg/l	micrograms per liter
<5	Indicates laboratory detection limit
B-01-50	Boring (B) - Boring Number (01) - Depth Below Ground Surface (50 feet)
B-03-W-02	Boring (B) - Boring Number (03) - Water Sample (W) - Sample Number (02)

were stored in large surface impoundments in the northern portion of the site (CERES 1995).

Based on the proximity of the Omar site to the subject property, the period of time that evaporation ponds were in operation, and the anticipated southwestward ground-water flow direction, CERES concluded that the adjacent Omar site was most likely the source of ground-water contamination beneath the subject site. The Otay Landfill, located approximately 1/2 mile northeast of the subject property, was also identified as a possible secondary contamination source (CERES 1995).

Files reviewed by Ogden at the Site Assessment and Mitigation (SA/M) Division of the County of San Diego Department of Environmental Health indicate that ground-water contamination beneath the Omar site is well documented. A site investigation report for the Omar site by Dames and Moore (1989) indicates that trichloroethene (TCE) was detected in 7 of 9 ground-water monitoring wells at concentrations ranging from 3 to 1,100 parts per billion (ppb). In addition, several metals were detected in ground-water samples, with mercury and selenium exceeding primary drinking water standards in several monitoring wells. An annual ground-water monitoring report by Dames and Moore (1995) indicates that TCE concentrations as high as 3,000 micrograms per liter (µg/l) were measured in ground water beneath the Omar site between 1989 and 1994. A 1996 addendum to the 1989 Dames and Moore report by Risk-Based Decisions, Inc. indicates that a ground-water TCE concentration of 21,000 µg/l was measured in a monitoring well located within the area occupied by the former southwestern surface impoundment at the Omar site.

Available SA/M files were also reviewed for the property occupied by Hyspan Precision Products, Inc. This property is located at 1685 Brandywine Avenue, directly east of the subject site on the eastern side of Brandywine Avenue. According to the County of San Diego Compliance Inspection Report, a single 1,000-gallon diesel fuel underground storage tank (UST) was removed from the property in February, 1986. No indication of soil or ground-water contamination was apparent in the tank excavation. In addition, a 1994 Compliance Inspection Report for the Hyspan property indicates that onsite machinery was observed to be leaking oil to the ground. Available records did not indicate that any other hazardous materials releases, leaks, or removals have been reported at this property. Based on these records, the Hyspan property does not appear to be a possible source for HVOCs and VOCs detected in ground water at the subject site.

SECTION 3
FIELD INVESTIGATION ACTIVITIES

The current field investigation activities were performed by Ogden at the subject property between February 5 and March 13, 1996. The activities included a subsurface utility detection survey; drilling and soil sampling; installation, development, and sampling of monitoring wells; land surveying; heat-pulse flow logging; and management of investigation-derived waste (IDW). The following sections describe these activities.

3.1 UNDERGROUND UTILITY CHECK AND UTILITY DETECTION SURVEY

Underground Service Alert (USA) was contacted prior to commencement of field activities. All utility companies contacted by USA indicated that no underground utilities were present in the direct vicinity (i.e., within 5 feet) of proposed boring/monitoring well locations.

An underground utility detection survey was conducted by Underground Location Services Company (ULS) of La Jolla, California, on February 5, 1996. The underground utility survey was conducted to locate and identify underground cables, pipes and utilities at each boring location. ULS performed an Electromagnetic Pipe and Cable Location (EMPCL) conductive utility survey, which utilized passive, ground induction and connection modes. ULS also conducted an Electromagnetic Induction (EMIND) sweep for potential metal mass interference. A 10-foot radius around each boring was investigated. No anomalous readings or underground utilities were identified at any of the five boring locations surveyed. The utility detection survey report by ULS is included in Appendix A.

3.2 SOIL SAMPLING

Soil sampling activities were conducted on February 10 and 11, and on February 17 and 18, 1996. Valley Well Drilling of Ventura, California, provided the drilling services. A total of five soil borings were conducted to depths ranging from 56.5 to 91 feet below ground surface (bgs). Soil boring locations BS-01 through BS-05 are shown in Figure 2-1. Three borings were conducted at 1670 Brandywine Avenue and two were conducted at 1690 Brandywine Avenue.

Soil borings were conducted using a Failing F-6 drill rig equipped with 8-inch (outside diameter) hollow-stem augers. Soil cuttings were examined every 10 feet to identify

changes in lithology, soil moisture, and organic vapor concentrations. Soil sampling was accomplished using a California Modified 1 3/8" inside diameter split-spoon sampler equipped with three 6-inch brass sleeves. Soil samples were obtained by driving the sampler with a 140-pound hammer dropped from a height of 30 inches in accordance with ASTM D 1586. Two to three split-spoon samples were collected from each boring, for a total of 13 samples. Sample locations were selected to include at least one sample each from the unsaturated and saturated zones.

The ends of the sample sleeves were covered with Teflon tape, capped, labeled, and placed immediately on ice. Headspace vapor analysis was performed as a field screening technique for assessing whether organic contaminants were present in soil samples. This was done by first placing a portion of the soil sample or cuttings into a zip-lock plastic bag. After the bag was allowed to remain in the sun for several minutes, an H-Nu™ photoionization detector (PID) was used to measure organic vapor concentrations within the plastic bag. Soil classification and sampling activities were conducted by a State of California Registered Geologist. Soils were logged using the Unified Soil Classification System (USCS) in accordance with ASTM D 2488. Soil boring logs are included in Appendix A, along with a description of the USCS.

All drilling equipment was decontaminated using a hot-water high pressure washer system prior to the commencement of field activities and between each boring. Field sampling equipment (e.g., split-spoon samplers, sleeves, caps, etc.) was decontaminated prior to sampling and between each sample using Ogden's standard decontamination procedures, which include a wash in a laboratory grade detergent, potable water rinse, isopropyl alcohol spray, potable water rinse, and distilled water rinse. All decontamination fluids were containerized in DOT approved 55-gallon drums and temporarily stored onsite pending sampling results.

3.3 MONITORING WELL INSTALLATION

The five soil borings (BS-01 through BS-05) were converted to monitoring wells (MW-01 through MW-05) following soil sampling activities. A two-inch polyvinyl chloride (PVC) ground-water monitoring well was installed in each boring. Well screens consisted of slotted PVC with 0.010-inch slot size. Well screen sections were 20 feet in all monitoring wells except MW-01, in which a 30-foot section of well screen was installed due to a large amount of ground-water rise following drilling activities. All installation procedures were

conducted in accordance SA/M Division requirements as specified in the 1996 SA/M Manual. Surface completions for each well consisted of a flush-mounted traffic box finished with a Class A cement surface seal in accordance with SA/M requirements. Monitoring-well construction was overseen by a State of California Registered Geologist. Well construction logs are included in Appendix A.

Following installation, each monitoring well was developed in accordance with SA/M division requirements. A surge and bail method was used to develop the monitoring wells. Each well was surged with a surge block for a minimum of 20 minutes, after which ground water was removed with a bailer. Purged water was monitored for pH, temperature, turbidity and electrical conductivity. The process of alternately surging the well and removing ground water with a bailer was continued until the parameters stabilized and until ground water became substantially less turbid. All purged water was drummed in DOT approved 55-gallon drums and temporarily stored onsite. Appendix A contains the monitoring-well development records.

3.4 GROUND-WATER SAMPLING

Ground-water samples were collected from monitoring wells MW-01 through MW-05 on February 27, 1996, in accordance with SA/M Division requirements, following a minimum 72-hour period after monitoring well development. Prior to sampling, depths to ground water were measured and each monitoring well was purged by pumping with a 2-inch Grundfos™ submersible pump, which was decontaminated prior to use and between monitoring wells. Purged water was monitored for temperature, pH, and conductivity. Purging was continued until these parameters stabilized with successive measurements. Well development and purge records are included in Appendix A. Purge water was contained and stored onsite in 55-gallon DOT-approved drums. Ground-water samples were collected from each well with disposable polyethylene bailers.

3.5 SOIL AND GROUND-WATER SAMPLE ANALYSIS

Soil and ground-water samples collected for analysis were delivered with proper chain-of-custody documentation to CKY Inc. Analytical laboratories, in Torrance, California. Soil samples were analyzed for halogenated and non-halogenated VOCs using EPA methods 8010/8020 and for Total Organic Carbon (TOC) using EPA method 90-3.2 ASA. All thirteen soil samples collected were submitted for analysis.

Ground-water samples were analyzed for halogenated and non-halogenated VOCs using EPA methods 8010/8020, and for general chemistry constituents and metals (various EPA Methods). Five ground-water samples were submitted for analysis. Complete copies of original analytical laboratory reports for soils and ground water are included in Appendix B.

3.6 Surveying and Depth to Ground-water Measurements

San Diego Land Surveying & Engineering, Inc. was subcontracted to survey the monitoring well elevations. Monitoring wells were surveyed to a vertical accuracy of 0.01-foot using a bench mark reference to mean sea level. All monitoring wells were surveyed at a notch located at the top of the PVC casing to provide a datum for water-level measurements. Depth to ground water was measured in each monitoring well on February 27, 1996, prior to ground-water sampling activities. Ground-water depths were measured with respect to the notch at the top of the PVC casing using a Solinst Model 101 water-level meter.

3.7 Heat-pulse Flow Logging

Heat-pulse flow (HPF) logging was performed at the subject site on March 12 and 13, 1996, using a Model 200 GeoFlo™ ground-water flow meter. A heat-pulse flow meter is a hydrological logging device used to determine ground-water flow direction and velocity in monitoring wells and open boreholes. A heat-pulse flow meter operates by emitting a heat pulse and measuring subsequent temperature changes in the ground water as a result of the ground-water movement. Direct small-scale ground-water velocity and flow direction measurements can therefore be made within a single well. An article (Gutherie 1986) describing the use of a heat-pulse flow meter is included in Appendix C.

Ground-water velocities and flow directions were directly measured in MW-02, MW-03, and MW-04. Ground-water flow measurements were conducted at two different depths in each monitoring well. A minimum of four velocity measurements were collected at each depth and averaged to provide a mean ground-water flow velocity measurement and error range. Measurable ground-water flow was not detected in MW-01 and MW-05. Ground-water flow direction measurements were referenced to magnetic north and subsequently corrected to true north.

3.8 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

A total of 41 55-gallon DOT-approved drums of investigation-derived waste (IDW) were generated during this investigation. Drum contents include soil cuttings, purge water, decontamination water, unused grout, and asphalt. Other IDW, including used tyvek coveralls, nitrile gloves, used headspace bags, and plastic sheeting, were double-bagged, sealed, and disposed of as municipal waste. Drums were labeled, sealed, and stored temporarily onsite pending analytical results. Details of IDW disposal will be provided in a separate report.

SECTION 4
INVESTIGATION RESULTS AND DISCUSSION

4.1 General Geologic Conditions

According to the Phase II report by CERES (1995), the subject site is underlain by river terrace deposits of Holocene age (less than 11,000 years old). These deposits are underlain by Pliocene-age (less than 5 million years old) deposits of the San Diego Formation (Kennedy and Tan 1977; Kuper and Gastil 1977). The terrace deposits are described as unconsolidated sand, gravel, and clay derived from older geologic units. The San Diego Formation consists of yellowish-brown to reddish-brown, fine- to medium-grained marine sandstone.

The closest mapped fault is the La Nacion fault zone. A strand of the La Nacion fault zone has been mapped as trending approximately north-south in the general vicinity of Brandywine Avenue adjacent to the eastern edge of the subject site (Kennedy and Tan 1977; Kuper and Gastil 1977). This fault strand is presently considered to show evidence of offset during Quaternary time (last 1.6 million years) but not during Holocene time (Jennings 1994).

4.2 Regional Ground-Water Conditions

The subject site is located within the Otay Valley Hydrologic Area (HA) of the Otay Hydrologic Unit of the San Diego Drainage Province (SDRWQCB 1995). Ground water within the Otay HA generally flows from east to west, along the course of the Otay River, toward San Diego Bay. Ground-water quality in portions of the Otay HA is considered to be of poor quality due to high total dissolved solids (TDS) and elevated chloride concentrations. High chloride content may be due partially to the presence of connate water and dissolved salts within marine sediments (Dames and Moore 1989). According to the current Water Quality Control Plan for the San Diego Basin (the Basin Plan), the subject site lies within a portion of the Otay Hydrologic Unit that is designated as having beneficial uses only for industrial purposes; however, discussions with staff at the SDRWQCB indicate that ground-water beneath the Brandywine site is not exempted from having municipal and agricultural beneficial uses (verbal comm. with Brian McDaniel on May 8, 1996).

4.3 SUBSURFACE SOIL CONDITIONS

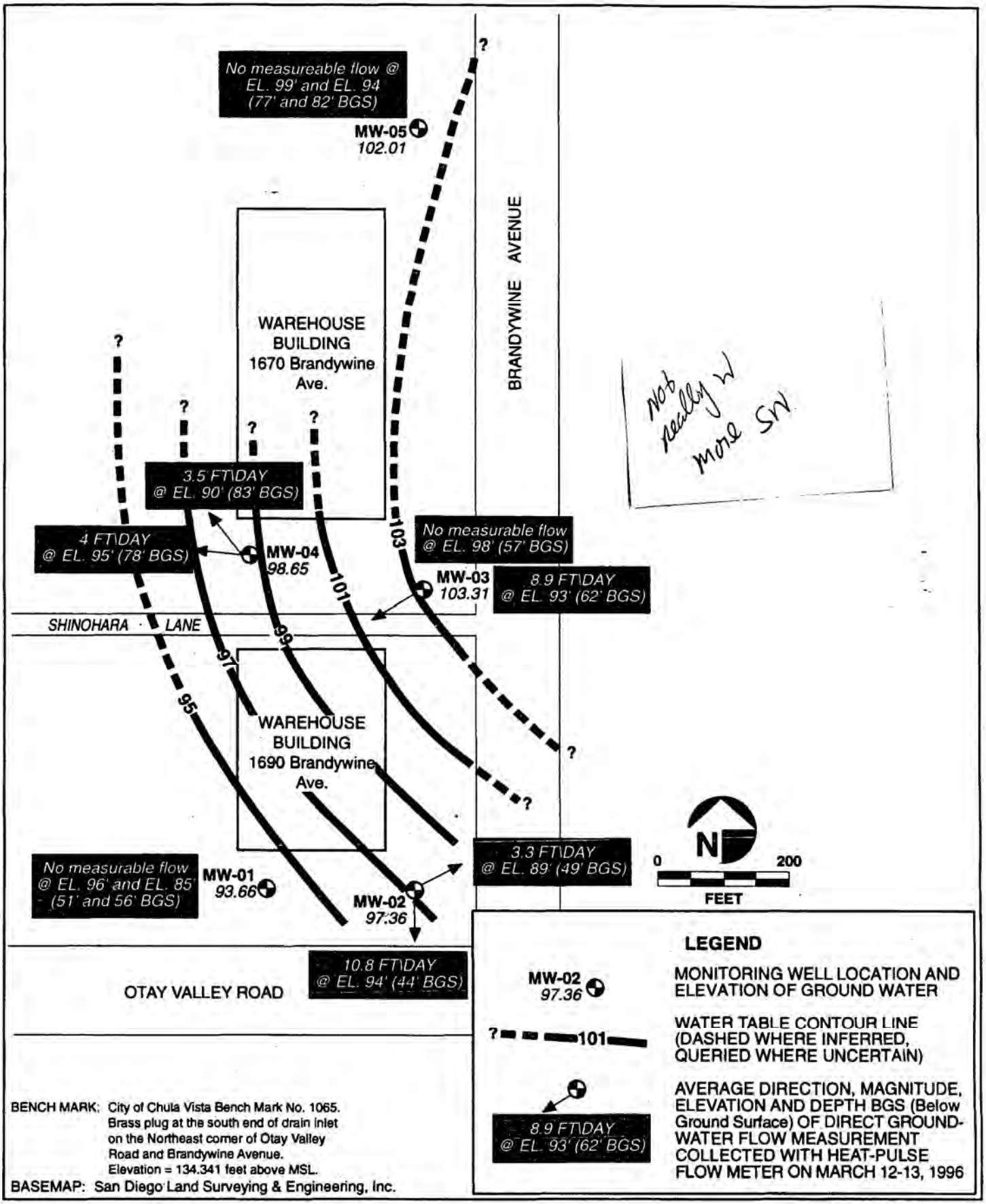
Subsurface conditions encountered during this investigation were generally similar to those described in the previous Phase II subsurface investigation (CERES 1995). Probable fill soils were encountered in the upper few feet bgs of BS-01, BS-02, and BS-04. These soils were lithologically similar to the underlying terrace deposits and consisted primarily of moist, brown to light olive brown, silty sand in BS-01 and BS-04, and dark grayish brown, moist clay in BS-02. Terrace deposits were encountered beneath fill soils in BS-01, BS-02, and BS-04, and consisted of brown to dark grayish brown, moist, dense, silty sands and clays. No fill soils were encountered in BS-03. Terrace deposits encountered in BS-02 were finer grained than in other borings. Cobbly horizons characterized by difficult drilling conditions were encountered at approximately 25 to 37 feet bgs in BS-01, 28 to 33 feet bgs in BS-02, and 40 to 50 feet bgs in BS-03. The San Diego Formation was encountered beneath the terrace deposits at depths ranging from the ground surface in BS-05 to depths of 65 to 70 feet bgs in BS-04. All five borings were terminated within the San Diego Formation, which consisted of moist to wet, dense to very dense, micaceous, olive brown silty sand and silt.

No hydrocarbon or solvent odors were detected in any of the borings, nor was any visual evidence of soil contamination (i.e., staining, discoloration, etc.) observed. Slight headspace PID readings of 1 to 2 parts per million (ppm) were measured between 36 and 67 feet bgs in BS-04 and at 36 feet bgs in BS-05.

4.4 SITE GROUND-WATER CONDITIONS

Ground water was encountered at depths ranging from approximately 52.6 feet bgs in MW-02 to 76.3 feet bgs in MW-04. Ground water rose approximately 10 to 13 feet in MW-01, MW-02, and MW-03 within approximately 60 minutes after first being encountered. In contrast, ground water equilibrated at a level approximately 2 feet higher in MW-04 and MW-05 within several hours after boring completion. Ground-water levels in MW-01 and MW-02 recovered relatively quickly subsequent to purging, whereas water levels in MW-03, MW-04, and MW-05 recovered more slowly, as indicated by well purge records (Appendix A).

Ground-water elevations and ground-water contours are shown in Figure 4-1. HPF logging results are discussed in Section 4.6. Ground-water elevations range from 103 feet



OGDEN

Water-table Gradient Map (2/27/96) and Heat-pulse Logging Results
1670 and 1690 Brandywine Avenue, Chula Vista, California

FIGURE
4-1

X:\GRAPHICS\BRANDYWIN\H2OTABLE.FH5

MSL in the northeastern portion of the site to 93.7 feet MSL in the southwestern portion of the site. Monitoring well recovery data from MW-01, MW-02, and MW-03 (presented in previous paragraph) suggest that the uppermost aquifer beneath the site is somewhat confined (i.e., under pressure) locally; however, static ground-water elevations across the site indicate that ground-water generally flows from northeast to southwest, as evidenced by the trend of the ground-water contours (Figure 4-1). These results indicate that the subject site is down-gradient of the Omar and Otay Landfill sites. The ground-water gradient (i.e., the slope of the ground-water table) at the subject site is approximately equal to 0.02 ft/ft (106 feet per mile).

Figure 4-2 shows a comparison of ground-water contours at the subject site with ground-water contours at the Omar and Otay Landfill sites. As shown in Figure 4-2, ground-water elevations generally increase toward the northeast, indicating that ground-water flow in the uppermost aquifer is generally southwest.

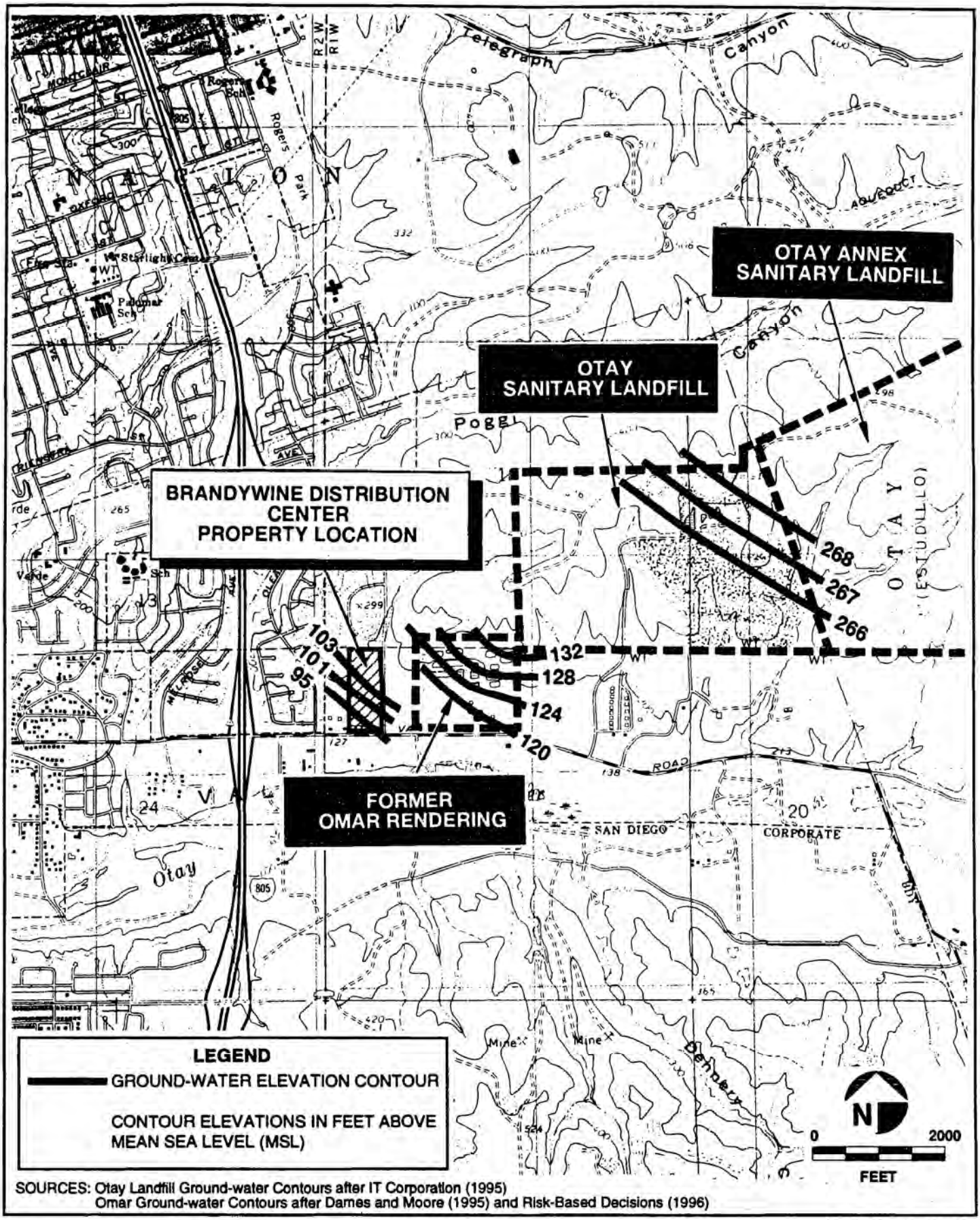
4.5 ANALYTICAL RESULTS

Soil

Soil analytical results are shown in Figure 4-3. HVOCs and benzene, toluene, xylenes, and ethylbenzene (BTXE) were not detected above their respective laboratory detection limits in BS-01, BS-02, and BS-05. None of the soil samples collected within the unsaturated zone contained detectable HVOC or BTXE concentrations.

HVOCs were detected in BS-03 and in BS-04 at depths of 66.5 feet and 86.5 feet bgs, respectively. A trichloroethene (TCE) concentration of 240 µg/kg was detected in sample S03D86.5, collected at a depth of 86.5 feet bgs; a TCE concentration of 16 µg/kg was detected in S02D66.5 in BS-04, collected at 66.5 feet bgs in BS-04. Both of these samples were collected within the saturated zone (i.e., below the ground-water table).

The absence of detectable HVOC and BTXE concentrations within the unsaturated zone, relatively high ground-water HVOC concentrations, and a lack of historical and current hazardous materials usage at the site indicate an offsite contamination source. Table 4-1 lists the total organic carbon (TOC) results for soil. These results and their influence on contaminant mobility are discussed in Section 4.7.

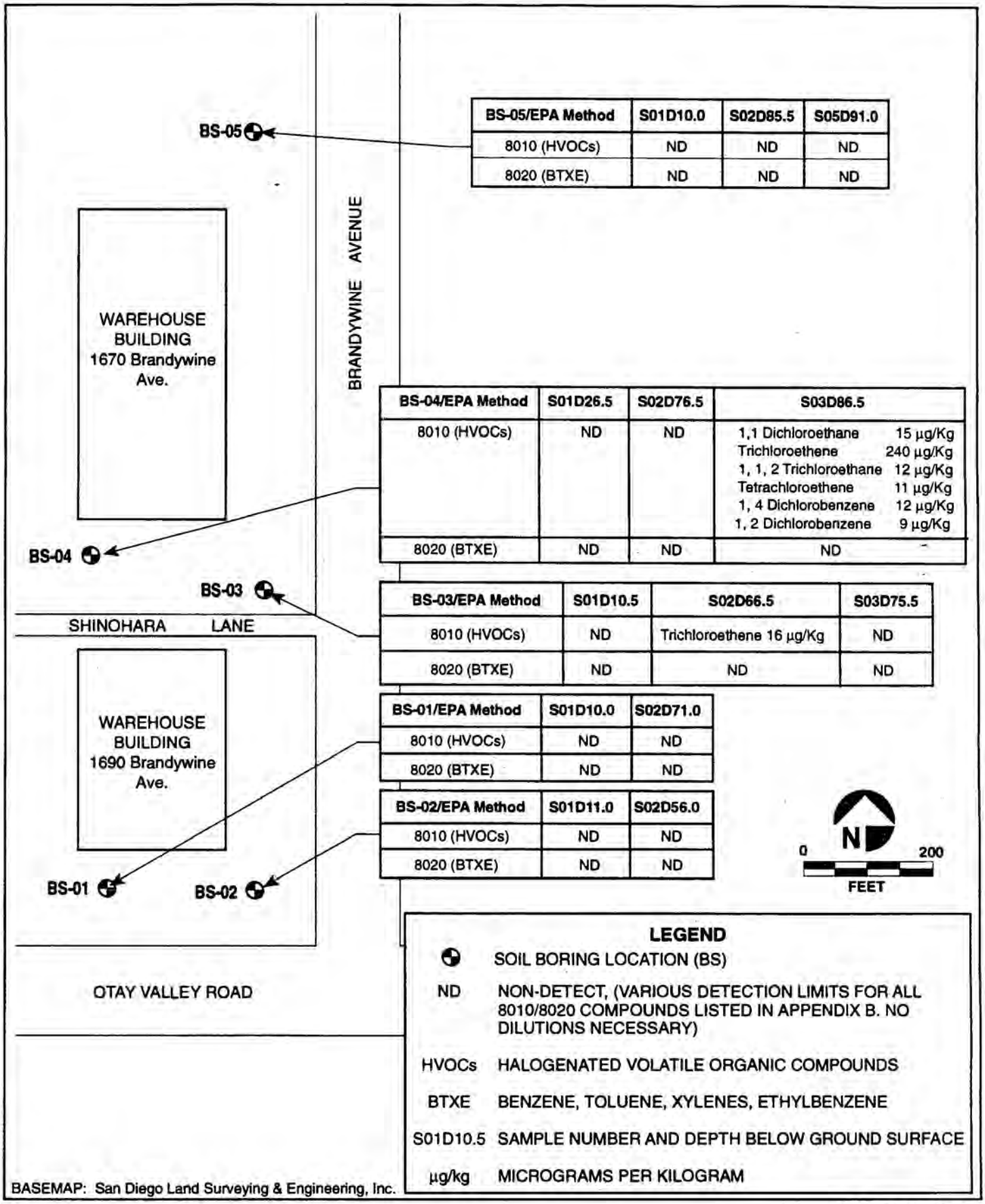


SOURCES: Otay Landfill Ground-water Contours after IT Corporation (1995)
Omar Ground-water Contours after Dames and Moore (1995) and Risk-Based Decisions (1996)

OGDEN

Ground-water Elevations in the Project Vicinity

FIGURE 4-2



BS-05/EPA Method	S01D10.0	S02D85.5	S05D91.0
8010 (HVOCs)	ND	ND	ND
8020 (BTXE)	ND	ND	ND

BS-04/EPA Method	S01D26.5	S02D76.5	S03D86.5
8010 (HVOCs)	ND	ND	1,1 Dichloroethane 15 µg/Kg Trichloroethene 240 µg/Kg 1, 1, 2 Trichloroethane 12 µg/Kg Tetrachloroethene 11 µg/Kg 1, 4 Dichlorobenzene 12 µg/Kg 1, 2 Dichlorobenzene 9 µg/Kg
8020 (BTXE)	ND	ND	ND

BS-03/EPA Method	S01D10.5	S02D66.5	S03D75.5
8010 (HVOCs)	ND	Trichloroethene 16 µg/Kg	ND
8020 (BTXE)	ND	ND	ND

BS-01/EPA Method	S01D10.0	S02D71.0
8010 (HVOCs)	ND	ND
8020 (BTXE)	ND	ND

BS-02/EPA Method	S01D11.0	S02D56.0
8010 (HVOCs)	ND	ND
8020 (BTXE)	ND	ND

LEGEND

⊕	SOIL BORING LOCATION (BS)
ND	NON-DETECT, (VARIOUS DETECTION LIMITS FOR ALL 8010/8020 COMPOUNDS LISTED IN APPENDIX B. NO DILUTIONS NECESSARY)
HVOCs	HALOGENATED VOLATILE ORGANIC COMPOUNDS
BTXE	BENZENE, TOLUENE, XYLENES, ETHYLBENZENE
S01D10.5	SAMPLE NUMBER AND DEPTH BELOW GROUND SURFACE
µg/kg	MICROGRAMS PER KILOGRAM

BASEMAP: San Diego Land Surveying & Engineering, Inc.

OGDEN

Soil Sampling Analytical Results

FIGURE 4-3

X:\GRAPHICS\BRANDYWIN\BASEMAP.FH5

Table 4-1

TOTAL ORGANIC CARBON (TOC) RESULTS FOR SOIL

Soil Sample	Total Organic Carbon (TOC) (fraction by weight)
BS04S01D26.5	0.00079
BS04S02D76.5	0.00019
BS04S03D86.0	0.00015
BS05S01D10.0	0.00027
BS05S04D85.5	0.00011
BS05S05D91.0	0.00072
BS01S01D10.0	0.0021
BS01S02D71.0	0.00354
BS02S01D11.0	0.00078
BS02S02D56.0	0.00059
BS03S01D10.5	0.00171
BS03S02D66.5	0.00038
BS03S03D75.5	0.00032

Appendix B contains the complete analytical laboratory reports for TOC.

Ground Water

General minerals analytical results for ground water are shown in Table 4-2. Ground water beneath the subject site appears to be of poor quality, with elevated total dissolved solids (TDS) concentrations ranging from 2,310 to 10,600 milligrams per liter (mg/l) and chloride concentrations ranging from 598 to 5,400 mg/l.

The general minerals results for MW-02 differ considerably from the results for the other monitoring wells. Specifically, chloride, sulfate, electrical conductivity (EC), total dissolved solids (TDS) and hardness results are much lower for MW-02 than for MW-01, MW-03, MW-04, and MW-05. These results indicate that the ground water in the vicinity of MW-02 is chemically distinct from other portions of the site. This difference may be a result of influence from an anthropogenic water source, such as over-irrigation of the adjacent landscaping or a leaky irrigation line.

The ground-water analytical results for EPA Methods 8010 (HVOCs) and 8020 (BTXE) are shown in Figure 4-4. All five ground-water samples contained detectable concentrations of HVOCs. TCE concentrations in MW-03 and MW-04 are significantly higher than in MW-01, MW-02, and MW-05. TCE concentrations detected in MW-01, MW-02, and MW-05 range from 1.6 to 13 µg/l, while concentrations of 400 and 720 µg/l were detected in MW-03 and MW-04, respectively. Methylene chloride concentrations in MW-01 through MW-05 ranged from 30 to 87 µg/l.

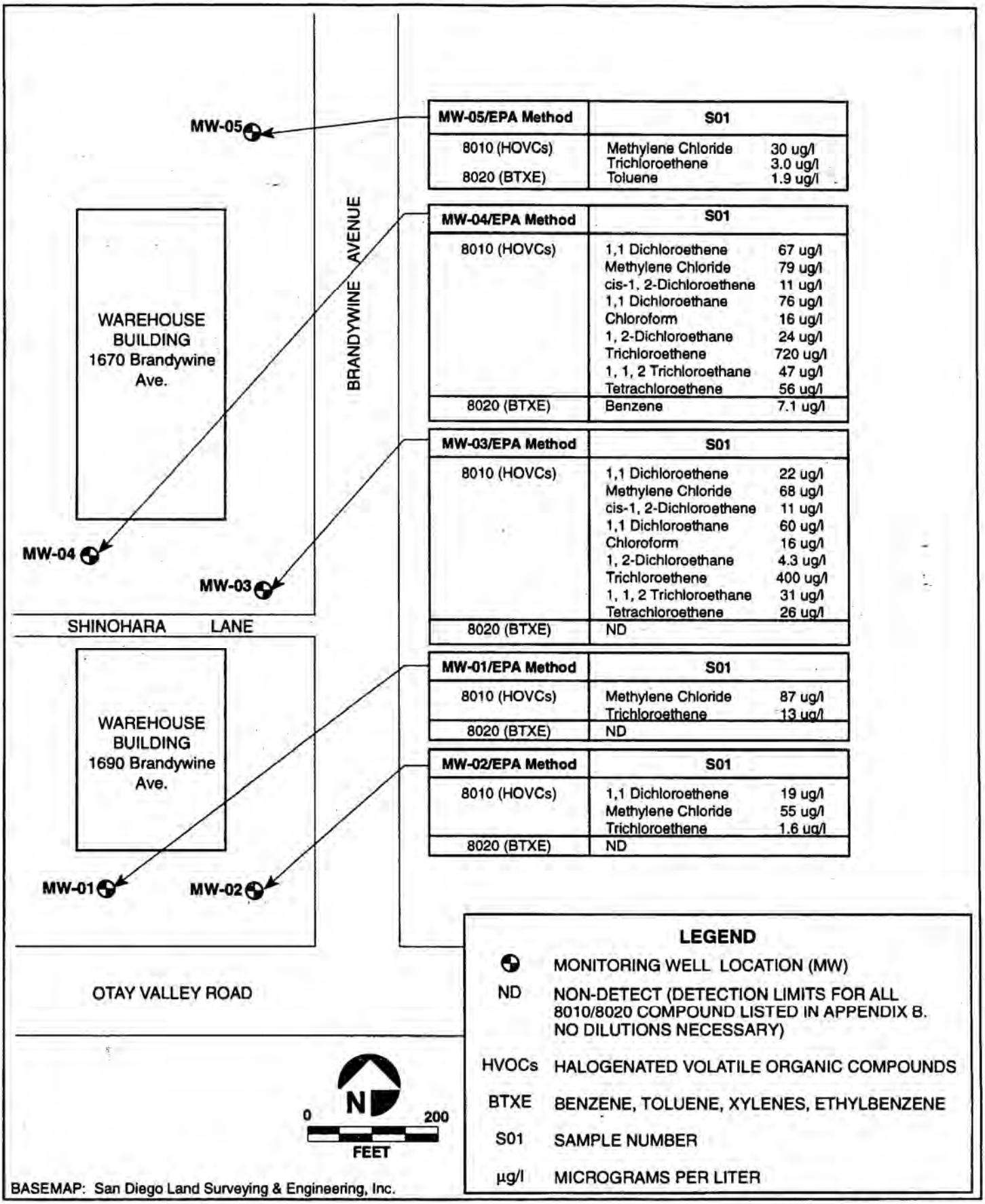
A comparison of the TCE and methylene chloride ground-water results for the subject site and the adjacent Omar and Otay Landfill sites is shown in Table 4-3. Ground-water analytical data for the Omar and Otay Landfill sites were obtained from available reports on file at the San Diego County SA/M Division. As shown in Table 4-3, the maximum TCE concentrations measured in ground-water beneath the Omar site are substantially higher (by one to two orders of magnitude) than concentrations at the subject site and the Otay Landfill site. Methylene chloride concentrations at the Omar site are also higher than concentrations at the subject site.

Table 4-2

GENERAL MINERALS RESULTS FOR GROUND WATER

Parameter (units)/EPA Method	MW-01	MW-02	MW-03	MW-04	MW-05
MBAS (mg/l)/425.1	0.1	ND	0.76	0.73	ND
Turbidity (NTU)/180.1	303	258	3850	684	7240
Alkalinity (mg/l)/310.1	212	526	450	580	104
Chloride (mg/l)/300	4140	598	5400	2450	3330
Sulfate (mg/l)/300	1800	358	1320	1800	1020
Nitrate (mg/l)/300	5.91	17.4	231	228	8.57
Fluoride (mg/l)/300	0.81	1.57	0.77	0.71	0.99
pH/150.1	7.4	7.9	7.3	7.6	7.3
EC (µmhos/cm)/120.1	11900	3720	16700	10800	9740
TDS (mg/l)/160.1	7900	2310	10600	7820	5800
Color (color units)/110.2	10	10	40	40	10
Odor/140.1	ND	ND	ND	ND	ND
Hardness (mg/l)/130.2	3960	337	3320	1880	2500

mg/l:	Milligrams per liter
NTU:	Nephlometric Turbidity Units
MBAS:	Methylene Blue Active Substances
EC:	Electrical Conductivity
µmhos/cm:	Micro-ohms per centimeter
TDS:	Total Dissolved Solids



MW-05/EPA Method	S01	
8010 (HOVCs)	Methylene Chloride	30 ug/l
	Trichloroethene	3.0 ug/l
8020 (BTXE)	Toluene	1.9 ug/l

MW-04/EPA Method	S01	
8010 (HOVCs)	1,1 Dichloroethene	67 ug/l
	Methylene Chloride	79 ug/l
	cis-1, 2-Dichloroethene	11 ug/l
	1,1 Dichloroethane	76 ug/l
	Chloroform	16 ug/l
	1, 2-Dichloroethane	24 ug/l
	Trichloroethene	720 ug/l
	1, 1, 2 Trichloroethane	47 ug/l
	Tetrachloroethene	56 ug/l
8020 (BTXE)	Benzene	7.1 ug/l

MW-03/EPA Method	S01	
8010 (HOVCs)	1,1 Dichloroethene	22 ug/l
	Methylene Chloride	68 ug/l
	cis-1, 2-Dichloroethene	11 ug/l
	1,1 Dichloroethane	60 ug/l
	Chloroform	16 ug/l
	1, 2-Dichloroethane	4.3 ug/l
	Trichloroethene	400 ug/l
	1, 1, 2 Trichloroethane	31 ug/l
	Tetrachloroethene	26 ug/l
8020 (BTXE)	ND	

MW-01/EPA Method	S01	
8010 (HOVCs)	Methylene Chloride	87 ug/l
	Trichloroethene	13 ug/l
8020 (BTXE)	ND	

MW-02/EPA Method	S01	
8010 (HOVCs)	1,1 Dichloroethene	19 ug/l
	Methylene Chloride	55 ug/l
	Trichloroethene	1.6 ug/l
8020 (BTXE)	ND	

LEGEND

⊕	MONITORING WELL LOCATION (MW)
ND	NON-DETECT (DETECTION LIMITS FOR ALL 8010/8020 COMPOUND LISTED IN APPENDIX B. NO DILUTIONS NECESSARY)
HVOCs	HALOGENATED VOLATILE ORGANIC COMPOUNDS
BTXE	BENZENE, TOLUENE, XYLENES, ETHYLBENZENE
S01	SAMPLE NUMBER
µg/l	MICROGRAMS PER LITER

BASEMAP: San Diego Land Surveying & Engineering, Inc.

OGDEN

Ground-water Sampling Analytical Results

FIGURE 4-4

X:\GRAPHICS\BRANDYWIN\BASEMAP.FH5

Table 4-3

COMPARISON OF TCE AND METHYLENE CHLORIDE GROUND-WATER RESULTS WITH ADJACENT SITES

Site[1]	Distance and Direction from Subject Site	Range of TCE Concentrations in Ground Water[2]	Range of Methylene Chloride Concentrations in Ground Water[2]
Brandywine Distribution Center (Subject Site)	N/A	<1-720 µg/l	<8-87 µg/l
Omar Rendering	0.2 miles east	<1-21,000 µg/l	<5-14,000 µg/l
Otay Landfill	0.5 miles northeast	<0.1-32 µg/l	not measured

N/A Not applicable.

[1] Brandywine analytical data from results of present investigation and previous Phase II investigation (CERES 1995). Omar Rendering data from Dames and Moore (1995) and Risk-Based Decisions (1996). Otay Landfill Data from IT Corporation (1993) and County of San Diego (1994). Otay Landfill data shown are for uppermost (perched) aquifer.

[2] A less-than symbol (<) followed by a value indicates the laboratory detection limit.

Although both the Otay Landfill and the Omar facility are located upgradient from the subject site, ground-water TCE concentrations beneath the subject site are higher than those detected at the Otay Landfill. In addition, the Omar site is substantially closer to subject site than is the Otay Landfill. Given these observations and analytical results, the Omar site represents a more likely source of ground-water contamination at the subject site than does the Otay Landfill.

Analytical results for metals are shown in Table 4-4. These results, which are for unfiltered ground-water samples, also indicate poor ground-water quality. Table 4-5 shows a comparison of selected metal concentrations in ground water from the subject site with available analytical data from the nearby Omar and Otay Landfill sites. Maximum ground-water metal concentrations generally appear to be higher at the subject site than at the Omar and Otay Landfill sites; however, direct comparisons of metal concentrations among the three sites listed in Table 4-5 are not possible due to varying levels of suspended solids in ground-water at the three sites. Typically, high levels of suspended solids in ground water result in increased total metal concentrations. The main conclusion to be

Table 4-4

METALS RESULTS FOR GROUND WATER

Element (units)/EPA Method	MW-01	MW-02	MW-03	MW-04	MW-05
Antimony (µg/l)/3005	<60	<60	<60	<60	<60
Arsenic (µg/l)/3005	<100	<100	171	<100	303
Barium (µg/l)/3005	284	37.8	762	196	1,480
Beryllium (µg/l)/3005	<5	<5	<5	<5	6.41
Cadmium (µg/l)/3005	<5	<5	<5	<5	<5
Calcium (µg/l)/3005	791,000	79,800	725,000	433,000	519,000
Chromium (µg/l)/3005	67.7	<10	266	54.3	701
Cobalt (µg/l)/3005	16.4	<10	111	36.9	160
Copper (µg/l)/3005	51	<10	129	30.1	255
Lead (µg/l)/3005	<100	<100	158	<100	230
Magnesium (µg/l)/3005	481,000	33,400	366,000	195,000	291,000
Mercury (µg/l)/7470	<0.2	<0.2	0.54	0.28	5.13
Molybdenum (µg/l)/3005	73.9	<50	<50	<50	<50
Potassium (µg/l)/3005	40,100	3,670	62,700	21,400	114,000
Nickel (µg/l)/3005	37.5	<20	325	217	182
Selenium (µg/l)/3005	<200	<200	<200	<200	3,590
Silver (µg/l)/3005	<10	<10	<10	<10	<10
Sodium (µg/l)/3005	1,110,000	605,000	268,000	1,620,000	1,380,000
Thallium (µg/l)/3005	<500	<500	1,440	<500	2,540
Vanadium (µg/l)/3005	115	29.1	647	111	1,010
Zinc (µg/l)/3005	440	38.4	1,290	482	4,220

A less-than symbol (<) followed by a value indicates the laboratory detection limit.

Table 4-5

COMPARISON OF SITE GROUND-WATER METAL CONCENTRATIONS WITH GROUND-WATER DATA FROM THE OMAR AND OTAY LANDFILL SITES

Element	Range of Ground-water Concentrations at Brandywine Site	Range of Ground-water Concentrations at Omar Site[1]	Range of Ground-water Concentrations at Otay Landfill[2]
Arsenic (µg/l)	<100-303	<30-140	<10-17
Barium (µg/l)	37.8-1,480	<40-220	<200-440
Chromium (µg/l)	<10-701	<10-70	<10-600
Lead (µg/l)	<100-230	<8-12	<10-80
Mercury (µg/l)	<0.2-5.13	<3.3-7.3	<0.2-0.4
Selenium (µg/l)	<200-3,590	<16-42	<10-27
Thallium (µg/l)	<500-2,540	<60-540	<10-430

Notes:

1 From Dames and Moore (1989). Metal concentrations converted from parts per million.

2 From IT (1993). Metal concentrations converted from mg/l.

A less-than symbol (<) followed by a value indicates the laboratory detection limit.

drawn from Table 4-5 is that elevated metal concentrations occur in the ground water beneath all three sites.

4.6 HEAT-PULSE FLOW LOGGING RESULTS

HPF logging results are presented in Table 4-6 and Figure 4-1. Ground-water flow directions and velocity measurements obtained from HPF logging are considered approximate due to variability in the HPF data; however, these results are generally consistent with ground-water flow directions indicated by the trend of the ground-water contours (also shown in Figure 4-1). The HPF data and the ground-water contours both indicate that ground-water beneath the subject site flows in a southwest to northwest direction. Vertical variability of the ground-water flow field was also observed, as is typical for many aquifers (Fetter 1988).

The results from MW-03 indicate a southwest flow direction of approximately 3.9 to 13.9 feet per day, with an average value of approximately 8.9 feet per day. HPF logging results indicate that ground-water flow in the vicinity of MW-04 is generally west to northwest at velocities ranging from approximately 2.7 to 4.3 feet per day, with average values of 3.5 to 4.1 feet per day. No measurable flow was detected in MW-01 and MW-05, located in the southern and northern portions of the site, respectively. Based on the flow meter instrument sensitivity and on site ground-water conditions, ground-water flow in the direct vicinity of these wells is estimated to be less than about 1 foot per day. Measured ground-water flow directions in each monitoring well generally exhibited 10 to 30 degrees of variability, and ground-water flow velocity measurements generally exhibited approximately 0.2 to 5 feet per day of variability.

A northeast ground-water flow of approximately 3 feet per day was measured at 49 feet bgs in MW-02, whereas a southward flow of approximately 11 feet per day was measured at 44 feet bgs in MW-02. These results may reflect localized influence from an anthropogenic surface water source, as discussed in Section 4.5. Alternatively, these results may reflect a natural variability of the overall ground-water flow field, as discussed below.

One explanation for the vertical variability of flow directions and velocities measured in MW-02 is that since HPF measurements are made at a point source (i.e., a particular level in a small-diameter monitoring well), such measurements may reflect localized flow irregularities through the aquifer material rather than regional ground-water flow directions.

Table 4-6

SUMMARY OF HEAT-PULSE FLOW LOGGING RESULTS

Monitoring Well	Depth to Water at Time of Flow Measurement[1]	Depth of Flow Measurement[1]	Magnitude of Ground-water Flow	Direction of Ground-water Flow (azimuth)
MW-01	48.05 ft	51 ft	< 1 ft/day	NM
		56 ft	< 1 ft/day	NM
MW-02	41.6 ft	44 ft	10.8 +/- 0.8 ft/day	171° +/- 10°
		49 ft	3.3 +/- 1.4 ft/day	69° +/- 30°
MW-03	52.09 ft	57 ft	< 1 ft/day	NM
		62 ft	8.9 +/- 5 ft/day	261° +/- 20°
MW-04	75.21 ft	78 ft	4.1 +/- 0.2 ft/day	293° +/- 10°
		83 ft	3.5 +/- 0.8 ft/day	327° +/- 20°
MW-05	74.2 ft	77 ft	< 1 ft/day	NM
		82 ft	< 1 ft/day	NM

[1] Measured from ground surface.
NM Not Measurable

Such flow irregularities can result from locally heterogeneous aquifer conditions such as changes in lithology, which cause significant changes in hydraulic conductivity. Flow variability in MW-02 may therefore be a result of preferential groundwater flow at discrete depths in the direct vicinity of MW-02.

Ground-water elevations and heat pulse flow data indicate an overall westward ground-water flow direction in the direct vicinity of MW-03 and MW-04. HPF data indicate that the most significant ground-water flow is primarily occurring beneath the central portion of the site, as indicated by generally higher flow velocities and more consistent flow directions in this area than in the northern and southern portions of the site (Figure 4-1). Ground-water TCE concentrations are also higher in this portion of the subject site than in the northern and southern portions of the site. This portion of the site is directly down-gradient of the adjacent Omar site; therefore, the Omar site represents the most likely source of ground-water contamination observed at the subject site.

As a rough check of the HPF ground-water velocity results, hydraulic conductivities were back-calculated for aquifer materials from HPF data and from the measured ground-water gradient (i.e., the slope of the water table) beneath the subject site. Hydraulic conductivity (K) is a measure of the rate at which water moves through a permeable medium. Calculated hydraulic conductivities range from 0.014 to 0.073 centimeters per second (cm/s). These values are within a typical K range of 0.0001 to 0.01 for silty sand (Fetter 1988). Measured ground-water velocities at the subject site therefore appear to be realistic values.

4.7 Results of Contaminant Mobility Evaluation

The mobility of TCE in ground-water beneath the subject site and vicinity was evaluated by calculating its retardation factor (R). R represents the degree to which the average velocity of a dissolved contaminant plume in ground water is retarded (i.e., slowed down) relative to the ground-water flow velocity. The larger the R value, the slower the average velocity of the contaminant plume relative to that of the seepage velocity (i.e., the velocity of ground water). R is strongly influenced by the fraction of organic carbon (TOC) in the aquifer material. The higher the fraction of TOC in the aquifer material, the lower the mobility of an organic contaminant, since organic compounds exhibit a strong tendency to sorb onto organic carbon particles within an aquifer (Fetter 1993).

As explained below, average TCE plume velocities (i.e., retarded velocities) derived from estimated R values are relatively close to measured ground-water velocities. This indicates that the dissolved TCE ground-water plume beneath the subject site is relatively mobile, since its average velocity is close to that of the ground water. As noted above, aquifer materials contain very little organic carbon, indicating high TCE mobility.

TCE plume travel times from the Omar site to the subject site were estimated to be relatively low (0.4 to 2.7 years); therefore, not much time would be required for a TCE plume originating at the Omar site to migrate to the subject site. Historical TCE concentrations as high as 3,000 µg/l have been measured in ground water beneath the Omar site (Table 4-3). Methylene chloride concentrations as high as 14,000 µg/l have also been measured (Dames and Moore 1995).

Discussion of Contaminant Mobility Results

The retardation factor (R) is defined by the following equation:

$$R = 1 + \frac{K_d B_d}{\Theta_{eff}} \qquad \text{(Equation 4-2; Fetter 1988)}$$

where

K_d = the distribution coefficient;

B_d = the bulk density of the aquifer material (assumed to equal 1.3 kg/l); and

Θ_{eff} = the effective porosity of the aquifer material (assumed to equal 0.3).

The distribution coefficient (K_d) in Equation 4-2 is a measure of the equilibrium partitioning of a compound between the sorbed and dissolved phases. A site-specific K_d value can be estimated by dividing the TCE concentration in soil by the TCE concentration in ground water at the subject site. Bulk density (B_d) and effective porosity (Θ_{eff}) values were estimated from typical ranges for these parameters given by Holtz and Kovacs (1981) and Fetter (1988).

Two methods were used to estimate K_d for TCE. The first method used the soil and ground-water analytical results presented in Figures 4-3 and 4-4 to calculate K_d values of approximately 0.04 liters per kilogram (l/kg) and 0.33 l/kg from MW-03 and MW-04 data, respectively (see Table 4-7).

The second method estimated K_d values based on a published relationship between the organic carbon/water partitioning coefficient (K_{oc}) and the octonol/water partitioning coefficient (K_{ow}). K_d is equal to the K_{oc} value for the compound times the organic carbon fraction (Fetter 1988). The higher the organic carbon fraction of the soil, the greater the tendency of the organic compound to sorb onto the soil rather than remain in the ground water, and thus the lower the mobility of the compound in ground water. The TOC results shown in Tables 4-1 and 4-7 provide a measure of the organic carbon fraction present in soil samples from MW-03 and MW-04. K_d values estimated for TCE were calculated based on a published K_{ow} value for TCE (Fetter 1993) and an empirical relationship between K_{ow} and K_{oc} (Karichoff et al. 1979).

Table 4-7 provides a summary of the estimated K_d values for MW-03 and MW-04 obtained by the two methods described above.

Table 4-8 provides a summary of estimated R values using the K_d estimates shown in Table 4-7. The estimated R values shown in Table 4-7 are relatively low, suggesting that TCE in ground water beneath the subject site and vicinity is relatively mobile. Dividing the measured ground-water velocities in MW-03 and MW-04 by the estimated R values shown in Table 4-7 gives the average velocity range of the TCE contaminant plume beneath the subject site. TCE plume velocity estimates are approximately equal to the average ground-water velocities measured in MW-03 and MW-04, indicating very little retardation of the TCE plume.

Dividing the estimated TCE plume velocities in Table 4-8 by the distance from MW-03 and MW-04 to the former Omar evaporation ponds (a distance of 1,000 to 1,500 feet) yields average plume travel times ranging from 0.4 to 2.7 years. This result indicates that a relatively short time period would be required for a TCE plume originating at the Omar site to migrate to the subject site relative to the elapsed time since 1978, when the Omar site stopped receiving hazardous wastes.

Table 4-7

SUMMARY OF ESTIMATED K_d VALUES

Monitoring Well	TCE Concentration Soil	TCE Concentration in Ground Water	K_d Estimated from Analytical Data	Range of TOC Results (percent)	Estimated K_{oc} for TCE[1]	K_d Derived from Estimated K_{oc}
MW-03	16 µg/kg	400 µg/l	0.04 l/kg	0.032-0.17	123	0.04-0.21 l/kg
MW-04	240 µg/kg	720 µg/l	0.33 l/kg	0.015-0.079	123	0.02-0.10 l/kg

[1] Based on a published K_{ow} value for TCE (Fetter 1993) and an empirical relationship between K_{ow} and K_{oc} by Karichoff et al. (1979) (K_{oc}=0.63K_{ow}).

Table 4-8

ESTIMATED R VALUES AND TCE PLUME VELOCITIES

Monitoring Well	Range of Estimated R values (Equation 4-2)	Estimated Average Velocity Range of TCE Plume	Average Ground-Water Velocity (From HPF Data)
MW-03	1.2	7.4 ft/day	8.9 ft/day
MW-04	1.1-2.4	1.5-3.7 ft/day	3.5-4.1 ft/day

SECTION 5
SUMMARY AND CONCLUSIONS

A limited ground-water and soil investigation was conducted at the Brandywine Distribution Center, located at 1670 and 1690 Brandywine Avenue in Chula Vista, California. The investigation was conducted on behalf of Chula Vista Industrial Realty, Inc. to verify the presence of ground-water contamination beneath the subject site, evaluate ground-water flow direction, velocity, and gradient, and determine potential sources of the identified contamination.

The investigation included completion of soil borings, installation and sampling of ground-water monitoring wells, analytical testing of soil and ground-water samples, heat-pulse flow logging, geochemical evaluation of ground water, and report preparation. The following conclusions have been developed as a result of this investigation:

1. Ground-water analytical results indicate elevated HVOC concentrations beneath the central portion of the subject site. TCE concentrations of 400 and 720 µg/l were measured in ground water samples collected from MW-03 and MW-04, respectively. In contrast, MW-01, MW-02, and MW-05 analytical results for ground water displayed much lower HVOC concentrations ranging from 1.6 to 13 µg/l.

2. No detectable concentrations of contaminants were observed in site soil within the unsaturated zone.

3. There is no evidence of historic or current hazardous materials storage, use, or release at the site. Therefore, an offsite source of the detected contamination is indicated.

4. Review of available records indicates that the Hyspan property, located adjacent to the subject site on the eastern side of Brandywine Avenue, does not appear to be a possible source for HVOCs detected in ground water at the subject site. Similarly, HVOC concentrations detected in ground water at the Otay Landfill are lower than those at the subject site; therefore, the Otay Landfill also does not appear to be a likely source of ground-water impacts at the subject site.

5. HPF logging results indicate that ground-water flow beneath the subject site appears to be generally in a westward direction. Results from MW-03 indicate a southwest flow

direction of approximately 3.9 to 13.9 feet per day in the east-central portion of the site, with an average value of approximately 8.9 feet per day. HPF logging results also indicate that ground-water flow in the vicinity of MW-04 is generally west to northwest at velocities ranging from approximately 2.7 to 4.3 feet per day.

6. Direct measurements of ground-water flow direction in the vicinity of MW-03 and MW-04 are generally consistent with the overall direction of the hydraulic gradient. Both lines of evidence indicate an overall westward ground-water flow direction beneath this portion of the subject property. This portion of the subject property displays the highest TCE concentrations in ground water and appears to be located directly down-gradient of the adjacent Omar site.

7. TCE in ground water beneath the subject site and vicinity is relatively mobile, as evidenced by low retardation factor (R) values and estimated TCE plume velocities approaching average estimated ground-water flow velocities. Estimates of the ground-water travel time between the Omar and subject sites suggest that a TCE plume originating at the Omar site could migrate to the subject site within a relatively short time period (approximately 0.4 to 2.7 years).

8. Review of the previous Phase I and Phase II reports for the subject property and review of SA/M Division files indicates that ground-water contamination has been extensively documented beneath the Omar site, with TCE and methylene chloride concentrations in ground water as high as 21,000 and 14,000 µg/l, respectively.

No evidence indicates that ground-water contamination at the subject site has originated from an onsite source. The most likely source for contamination of ground water beneath the subject site appears to be the adjacent Omar site.

SECTION 6
RECOMMENDATIONS

No further site assessment activities are warranted at the subject site. There is no evidence of the storage, use, or release of hazardous chemicals at the site. The results of soil and ground-water testing indicate that the ground-water contamination observed onsite is a result of migration from an upgradient, offsite source or release. To be effective, potential ground-water remediation activities would have to be initiated at the offsite contaminant source rather than at the subject site.

Ogden recommends that this report be submitted to the SDRWQCB. They are currently compiling and evaluating data associated with the known ground-water contamination in the area (per. comm. with Mark Alpert, April 1996). Following SDRWQCB review of this report, it is recommended that Ogden meet with the SDRWQCB on behalf of Chula Vista Industrial Realty, Inc. to discuss the results for the subject site and to request a "no further action" letter specifying that the observed ground-water contamination is not due to former or current site uses or activities and is the result of the migration of releases from offsite sources. Ogden Environmental can assist in this effort as requested.

SECTION 7
REFERENCES

BEM Systems, Inc. 1994. Phase I Environmental Site Assessment, Brandywine Distribution Center, 1670 & 1690 Brandywine Avenue, Chula Vista, California. Prepared for Citicorp Real Estate, Inc., Dallas, Texas.

CERES Environmental. 1995. Phase II Subsurface Soil Assessment, Brandywine Distribution Center, 1670 and 1690 Brandywine Avenue, Chula Vista, California. Prepared for Chula Vista Realty, Inc., Los Angeles, California.

County of San Diego 1994. Final Closure and Postclosure Maintenance Plan, Otay Sanitary Landfill (Class III Portion), prepared by Department of Public Works, May.

Dames and Moore. 1989. Site Investigation, Former Omar Rendering Facility, Chula Vista, California. For Darling Delaware Company, Inc. June.

Dames and Moore. 1995. Annual Groundwater Monitoring Report, Monitoring Record 1994, Omar Rendering Site, 4826 Otay Valley Road, Chula Vista, California. Prepared for Darling Delaware International, Inc. January.

Department of Environmental Health, County of San Diego, Site Assessment and Mitigation (SA/M) Division. 1996. Site Assessment and Mitigation Manual.

Fetter, C.W. 1988. Applied Hydrogeology. Macmillan Publishing Company, New York, New York.

Fetter, C.W. 1993. Contaminant Hydrogeology. Prentice-Hall, Inc., Upper Saddle River, New Jersey.

Freeze, R.A. and Cherry, J.A. 1987. Groundwater. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

Gutherie, M. 1986. Use of a Geo Flowmeter for the Determination of Ground Water Flow Direction. Ground Water Monitoring Review. Vol. 6, No. 1.

Holtz, R.D. and Kovacs, W.D. 1981. An Introduction to Geotechnical Engineering. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

IT Corporation. 1993. Report of Disposal Site Information, Otay Annex Sanitary Landfill. Prepared for County of San Diego Department of Public Works. June.

IT Corporation. 1995. 1994 Annual Report. Chapter 15 Detection Monitoring Program, Otay/Otay Annex Landfill. February.

Jennings 1994. Fault Activity Map of California and Adjacent Areas. California Division of Mines and Geology, California Geologic Data Map, Map No. 16.

Karichoff, S.W., Brown, D.S., and Scott, T.A. 1979. Sorption of Hydrophobic Pollutants on Natural Sediments. Water Research. Vol. 13.

Kennedy, M.P., and S.S. Tan. 1977. Geology of National City, Imperial Beach and Otay Mesa Quadrangles, southern San Diego Metropolitan Area, California. California Division of Mines and Geology Map Sheet 29, Scale: 1:24,000.

Kuper, H.T., and G. Gastil, 1977. Reconnaissance of marine sedimentary rocks of southwestern San Diego County, *in* Farrand, G., ed., Geology of Southwestern San Diego County, California and Northwestern Baja California, San Diego Association of Geologists Guidebook.

Risk-Based Decisions, Inc. 1996. Addendum to Site Investigation and Risk Assessment for the Former Omar Rendering Site, Chula Vista, California. Prepared for Darling International, Inc.

San Diego Regional Water Quality Control Board (SDRWQCB). 1995. Water Quality Control Plan for the San Diego Basin (Region 9).

SECTION 8
LIMITATIONS

The data presented in this report are intended for use in the course of a site investigation. The data cited herein should not be used for other than its intended purpose. Furthermore, Ogden's conclusions are based solely on these data.

Changes in the condition of the project site may occur with time due to either natural processes or human activities. The site investigation was carried out using the degree of care and skill ordinarily exercised under similar circumstances by qualified professionals; no further warranty is made.

APPENDIX A

DESCRIPTION OF USCS AND BORING/MONITORING WELL LOGS

ULS REPORT

WELL DEVELOPMENT AND GROUND-WATER SAMPLING LOGS

DESCRIPTION OF USCS AND BORING/MONITORING WELL LOGS

DEFINITION OF TERMS

PRIMARY DIVISIONS			SYMBOLS	SECONDARY DIVISIONS
COARSE GRAINED SOILS More Than Half of Material is Larger Than No. 200 Sieve Size	GRAVELS More Than Half of Coarse Fraction is Larger Than No. 4 Sieve	CLEAN GRAVELS (Less Than 6% Fines)	GW	Well graded gravels, gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
		GRAVEL With Fines	GM	Silty gravels, gravel-sand-silt mixtures, non-plastic fines
			GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines
	SANDS More Than Half of Coarse Fraction is Smaller Than No. 4 Sieve	CLEAN SANDS (Less Than 6% Fines)	SW	Well graded sands, gravelly sands, little or no fines
			SP	Poorly graded sands, gravelly sands, little or no fines
		SANDS With Fines	SM	Silty sands, sand-silt mixtures, non-plastic fines
			SC	Clayey sands, sand-clay mixtures, plastic fines
FINE GRAINED SOILS More Than Half of Material is Smaller Than No. 200 Sieve Size	SILTS AND CLAYS Liquid Limit is Less Than 50%		ML	Inorganic silts, rock flour, fine sandy silts or clays, and clayey silts with non- or slightly-plastic fines
			CL	Inorganic clays of low to medium plasticity, gravelly clays, silty clays, sandy clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
	SILTS AND CLAYS Liquid Limit is Greater Than 50%		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts, clayey silt
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils

GRAIN SIZES

SILTS AND CLAYS	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		
200	40	10	4	3/4"	3"	12"	
U.S. STANDARD SERIES SIEVE				CLEAR SQUARE SIEVE OPENINGS			

RELATIVE DENSITY		CONSISTENCY	
SANDS, GRAVELS AND NON-PLASTIC SILTS	BLOWS/FOOT*	CLAYS AND PLASTIC SILTS	BLOWS/FOOT*
VERY LOOSE	0 - 6	VERY SOFT	0 - 3
LOOSE	6 - 14	SOFT	3 - 6
MEDIUM DENSE	14 - 43	FIRM	6 - 12
DENSE	43 - 71	STIFF	12 - 23
VERY DENSE	>71	VERY STIFF	23 - 46
		HARD	>46

*NUMBER OF BLOWS OF 140 POUND HAMMER FALLING 30 INCHES TO DRIVE A 3 INCH O.D. (2 INCH I.D.) SPLIT SPOON

OGDEN

Unified Soil Classification System

FIGURE

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-17-96 / 0815
DATE/TIME FINISHED 02-17-96 / 1040
COORDINATES N/A.
ELEVATION AND DATUM
TOP OF CASING ELEVATION 141.48

BORING NUMBER BS-MW01
COMPLETION DEPTH 71 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
0							SM	Asphalt at surface
1–7								**SILTY SAND** fine- to medium-grained sand, probable fill (75% sand, 25% fines)
7–8							SM	ALLUVIUM/TERRACE DEPOSITS
10			BWBS01S01011.0	15 25 25	0.0			**SILTY SAND** brown 10YR4/3, moist, dense, fine-grained (75% sand, 25% fines)

WELL DIAGRAM: 2" SCHEDULE 40 PVC; GROUT

DEPTH feet: 0–14

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW01

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 71 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15							SM			15
16										16
17										17
18										18
19										19
20								**SILTY SAND** same as above		20
21										21
22										22
23										23
24										24
25							SM SC	Abundant cobbles		25
26										26
27										27
28										28
29										29
30										30

2" SCHEDULE 40 PVC

GROUT

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

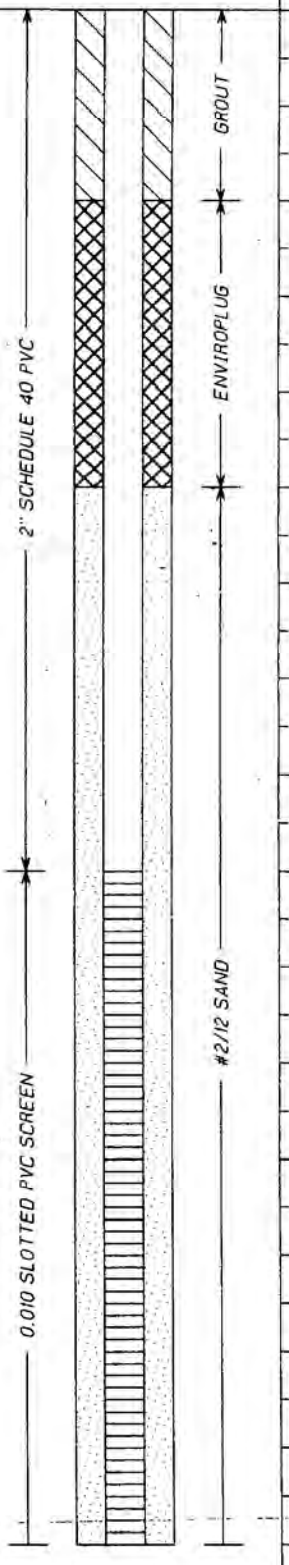
BORING NUMBER BS-MW01

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 71 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
31					0.0		SM SC	**SILTY/CLAYEY SAND WITH GRAVEL** dark grayish brown 10YR4/2, moist, dense, low plasticity, very difficult drilling, rock fragments composed of gray fine-grained metavolcanic (?) rock (25% gravel, 60% sand, 15% fines)
32								
33								
34								
35								
36								
37								**SILTY SAND WITH GRAVEL** dark grayish brown 10YR4/2, moist, dense, gravel is composed of metavolcanic (?) and granitics (40% gravel, 40% sand, 20% fines)
38					0.0			
39								
40							SM	SAN DIEGO FORMATION **SILTY SAND** olive brown 2.5Y4/3, moist, no plasticity, micaceous, fine-grained (85% sand, 15% fines)
41								
42								
43								
44								
45								
46								

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

CLIENT *Chula Vista Industrial Realty, Inc.*

BORING NUMBER *BS-MW01*

PROJECT NAME/NUMBER *Brandywine Dist. Ctr, NO. 570920144*

COMPLETION DEPTH *71 ft.*

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
47							SM	
48							ML	
49								
50		100		25	0.0			**SILT WITH SAND** olive brown 2.5Y4/4, moist, hard, micaceous, low plasticity (15% sand, 85% fines)
				35			ML	
51				45				**SILT** dark gray 2.5Y4/1, moist, hard, micaceous, low plasticity, low dry strength (10% sand, 90% fines)
52								
53								
54								
55		100		20	0.0			**SILT** dark gray 2.5Y4/1, same as above
				35				
56				50				
57								
58							ML	
59								
60		83		17	0.0			**SILT WITH SAND** dark gray 2.5Y4/1, same as above with slightly higher percentage of sand, driller reports that center plug is slightly wet (15% sand, 85% fines)
				20				
61				25				
62								

WELL DIAGRAM

0.010 SLOTTED PVC SCREEN

#2/12 SAND

DEPTH feet

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW01

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 71 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
63							ML			63
64										64
65		88		10	0.0			SILT WITH SAND TO SILTY SAND same as above, driller reports that center plug is dry (15% sand, 85% fines)	0.010 SLOTTED PVC SCREEN	65
66				25						66
67				50					#2/12 SAND	67
68										68
69										69
70			BWBS01S02071.0	20				SILT WITH SAND TO SILTY SAND same as above but wet, free water present, water rose to 60 feet in 5 minutes		70
71				37	0.0			BORING COMPLETED TO 71 FEET BGS		71
72								SET MONITORING WELL, GROUNDWATER FIRST ENCOUNTERED AT 60.5' BGS, GROUNDWATER AT 48.3'BGS AFTER 4 HOURS		72
73										73
74										74
75										75
76										76
77										77
78										78

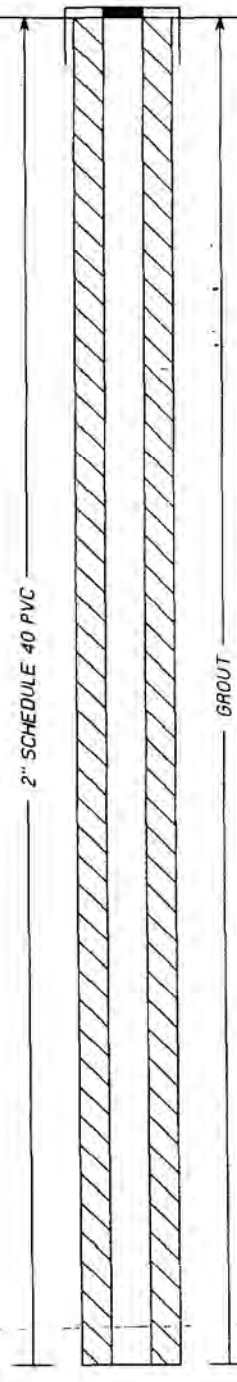
OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-17-96 / 1255
DATE/TIME FINISHED 02-17-96 / 1420
COORDINATES N/A,
ELEVATION AND DATUM
TOP OF CASING ELEVATION 138.22

BORING NUMBER BS-MW02
COMPLETION DEPTH 56.5 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
0							CL	Asphalt at surface
1–13								**LEAN CLAY WITH SAND** dark grayish brown 10YR4/2, moist, medium plasticity, probable fill (15% sand, 85% fines)
8							CL	OVERBANK/TERRACE DEPOSITS
10		77	BWBS02S01D11.0	7	0.0			**LEAN CLAY** very dark grayish brown 10YR3/2, moist, very stiff, medium plasticity, contains very pale brown 10YR7/3 silty stringers (10% sand, 90% fines)
11				7				
11				15				
14								



DEPTH feet

OGDEN

BORING LOG

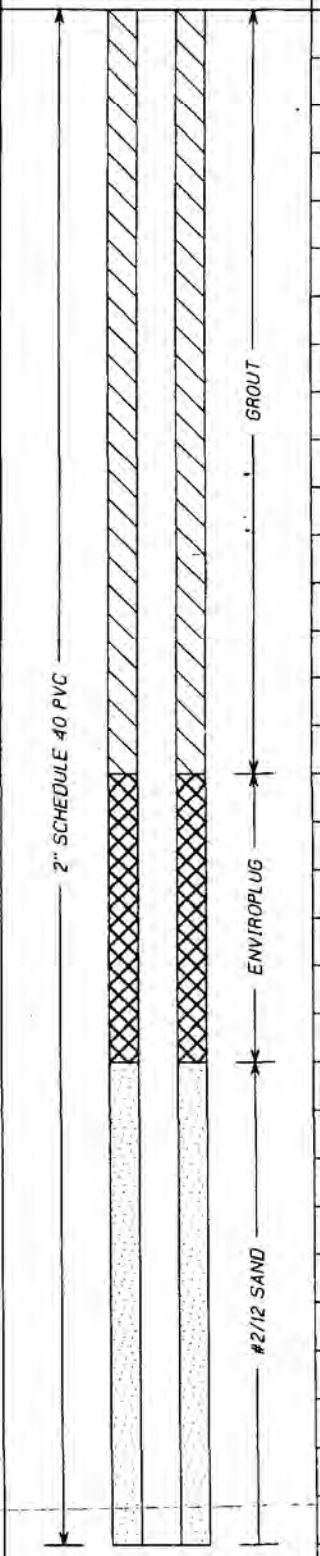
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW02

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 56.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
15					0.0		CL	**LEAN CLAY WITH SAND** brown 10YR4/3, moist, medium plasticity (15% sand, 85% fines)
16								
17								
18								
19								
20								
21								
22								
23								
24								
25					0.0			**LEAN CLAY WITH SAND** brown 10YR4/3, moist, medium plasticity (15% sand, 85% fines)
26								
27								
28								
29							CL	Abundant cobbles, slow difficult drilling from 28.5 to 33 feet bgs
30								



OGDEN

BORING LOG

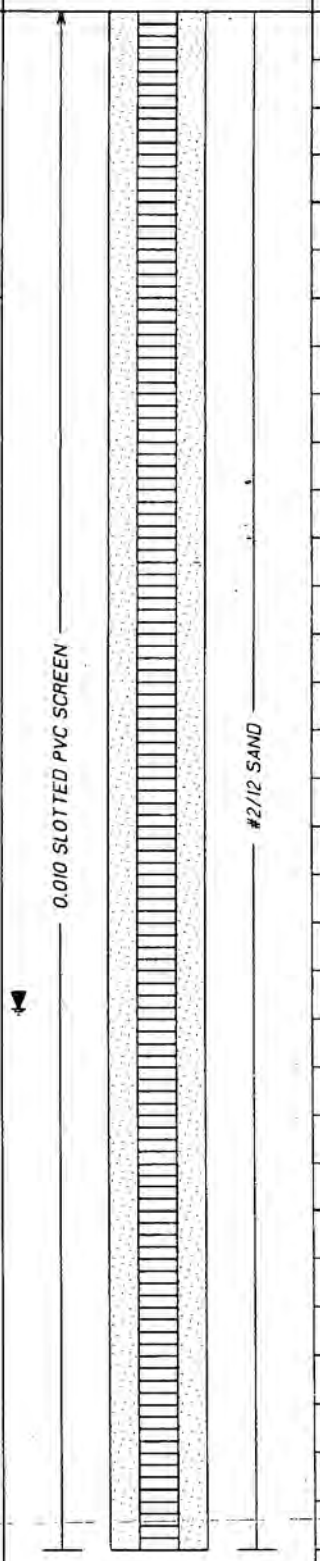
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW02

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 56.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
31							CL			31
32										32
33							SM	SAN DIEGO FORMATION		33
34										34
35								Silty sand cuttings		35
36										36
37										37
38										38
39										39
40										40
41										41
42								Silty sand cuttings		42
43										43
44										44
45										45
46										46



OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW02

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 56.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
47							SM			47
48										48
49										49
50										50
51										51
52										52
53										53
54										54
55		88	BWBS02S02D56.0	12				**SILTY SAND** olive brown 2.5Y5/4, moist, very dense, wet, micaceous, no to low plasticity (70% sand, 30% fines)		55
56				25 32				Color changes to dark gray 2.5Y4/1		56
57								BORING COMPLETED TO 56.5 FEET BGS SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 55' BGS, GROUNDWATER AT 40.4' BGS AFTER 1 HOUR 40 MINUTES	0.010 SLOTTED PVC SCREEN #2/12 SAND	57
58										58
59										59
60										60
61										61
62										62

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-18-96 / 1215
DATE/TIME FINISHED 02-18-96 / 1430
COORDINATES N/A,
ELEVATION AND DATUM -
TOP OF CASING ELEVATION 155.16

BORING NUMBER BS-MW03
COMPLETION DEPTH 76 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie
CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
0							SC	Asphalt at surface ALLUVIUM/TERRACE DEPOSITS
1–2–3–4–5–6–7–8								**CLAYEY SAND** light yellowish brown 10YR5/8, fine-grained, moist, micaceous, low plasticity (80% sand, 20% fines)
8							CL	
9								
10		44	BWBS03S01D10.5	10	0.0			**LEAN CLAY WITH SAND** light olive brown 2.5Y5/4, moist, hard, micaceous, medium plasticity (40% sand, 60% fines)
11				17				
12				17				ALLUVIUM/TERRACE DEPOSITS
13–14								

WELL DIAGRAM

2" SCHEDULE 40 PVC

GROUT

DEPTH feet

OGDEN

BORING LOG

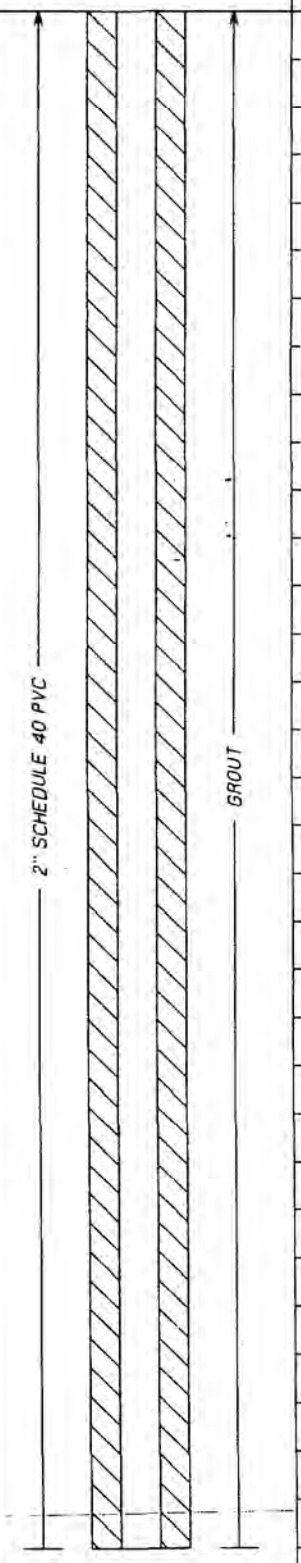
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15							CL			15
16							SC			16
17										17
18										18
19										19
20					0.0			**CLAYEY SAND** dark yellowish brown 10YR4/4, moist, low plasticity, sand is fine- to medium-grained (80% sand, 20% fines)		20
21										21
22										22
23										23
24										24
25										25
26										26
27										27
28										28
29										29
30										30



OGDEN

BORING LOG

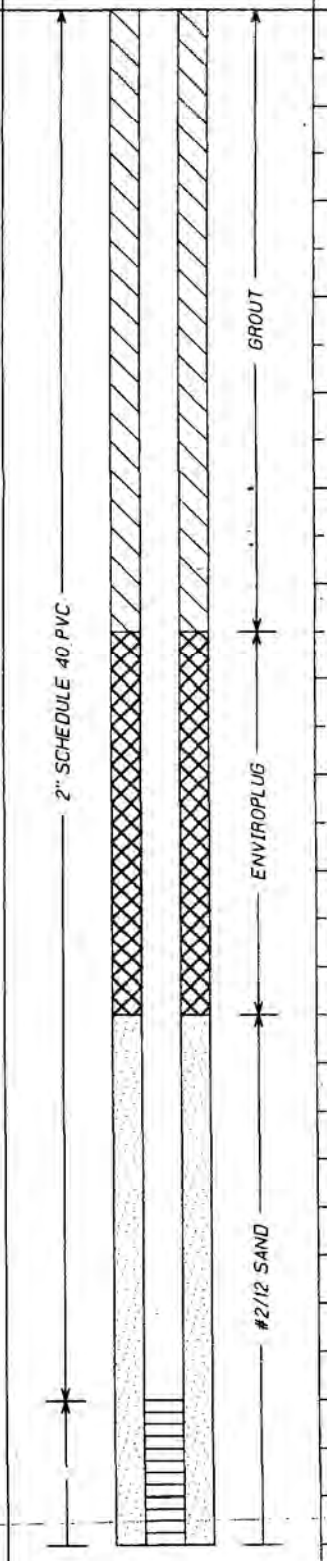
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
31					0.0		SC	CLAYEY SAND fine- to medium-grained, same as above
32								
33								
34								
35								
36								
37								
38								POORLY GRADED SAND WITH SILT dark yellowish brown 10YR4/4, dry, fine- to medium-grained sand (90% sand, 10% fines)
39								
40					0.0		SC	Abundant cobbles, difficult drilling, rig chatter, cobble fragments are metavolcanic and granitic rock
41								
42								
43								
44								
45								
46								



WELL DIAGRAM

DEPTH feet

OGDEN

BORING LOG

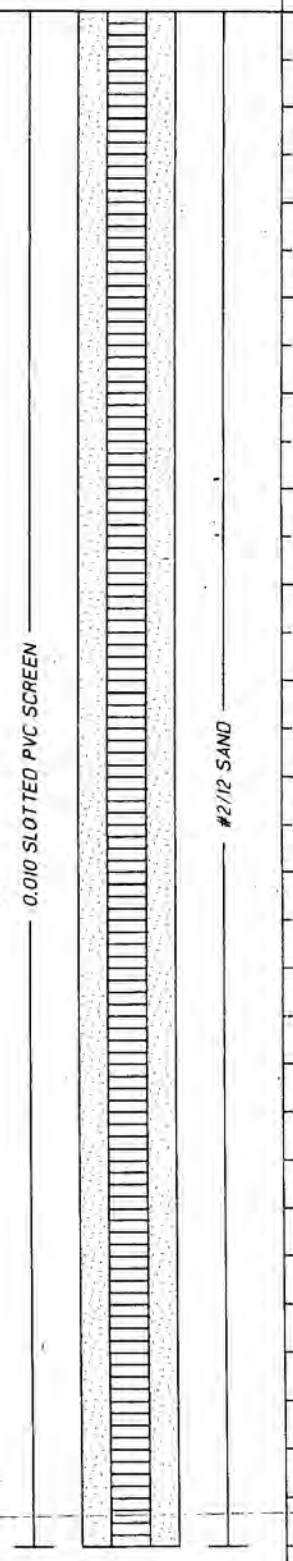
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
47							SC			47
48										48
49										49
50					0.0			CLAYEY SAND dark yellowish brown 10YR4/4, moist, medium plasticity (80% sand, 20% fines)		50
51							SC	SAN DIEGO FORMATION		51
52								Silty sand cuttings		52
53										53
54										54
55										55
56										56
57										57
58										58
59										59
60								Silty sand cuttings		60
61										61
62										62



OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW03

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 76 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
63							SC	
64								
65		100		15				SILTY SAND olive brown 2.5Y4/4, moist, dense, micaceous, sand is strong brown 7.5YR4/6, fine-grained, mottled, moist to wet (80% sand, 20% fines)
66				25				
67				40				
68								
69								
70								
71								
72								
73								
74								
75			BWBS03S03D75.5	15				POORLY GRADED SAND olive brown 2.5Y4/4, wet, dense, micaceous (95% sand, 5% fines)
76				27				BORING COMPLETED TO 76 FEET BGS
77								SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 65' BGS, GROUNDWATER AT 55.3' AFTER 53 MINUTES
78								

WELL DIAGRAM

#2/12 SAND

OGDEN

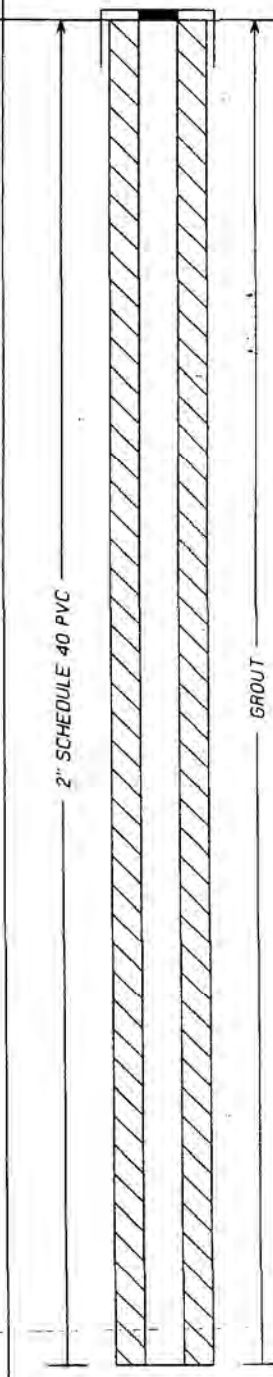
BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-11-96 / 0845
DATE/TIME FINISHED 02-11-96 / 1300
COORDINATES N/A,
ELEVATION AND DATUM -
TOP OF CASING ELEVATION 173.59

BORING NUMBER BS-MW04
COMPLETION DEPTH 86.5 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie
CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
0								Asphalt at surface
1							SC SM	**SILTY SAND** light olive brown 2.5Y5/6, moist, probable fill
2								
3								
4								
5								
6								
7							SC SM	
8								
9								
10		5		9				**SILTY/CLAYEY SAND** olive brown 2.5Y4/4, moist, medium dense, contains scattered cobbles and gravels, granitic, poor recovery due to cobbles and gravels, insufficient material to collect sample, probable fill (trace gravel, 70% sand, 30% fines)
11			BWBS04S01D10.5	10 11				
12								
13								
14								

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW04

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 86.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
15		22		20 20	0.0		SC SM SC	SILTY SAND dark grayish brown 7.5Y4/2, fine-grained, moist, medium dense, no to low plasticity, insufficient recovery to sample, probable fill (trace gravel, 75% sand, 25% fines)	2" SCHEDULE 40 PVC GROUT	15
16										16
17										17
18										18
19										19
20										20
21										21
22										22
23										23
24								Probable fill soils to approximately 25' bgs based on estimated height of fill slope adjacent to boring location		24
25		33		25 40	0.0		SC	ALLUVIUM/TERRACE DEPOSITS SILTY SAND dark yellowish brown 10YR4/4, moist, fine-grained, very dense		25
26			BWBS04S01D26.5	50						26
27										27
28										28
29										29
30					0.0					30

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW04

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 86.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
31							SC	SITLY SAND dark yellowish brown 10YR3/6, moist, same as above		31
32							CL			32
33										33
34										34
35										35
36					1.0			LEAN CLAY WITH SAND AND GRAVEL dark yellowish brown 10YR4/4, moist, low plasticity, scattered gravels up to an inch in diameter, fine-grained sand (20% gravel, 15% sand, 65% fines)		36
37										37
38										38
39										39
40										40
41										41
42										42
43										43
44							SM			44
45										45
46										46

2" SCHEDULE 40 PVC

GROUT

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

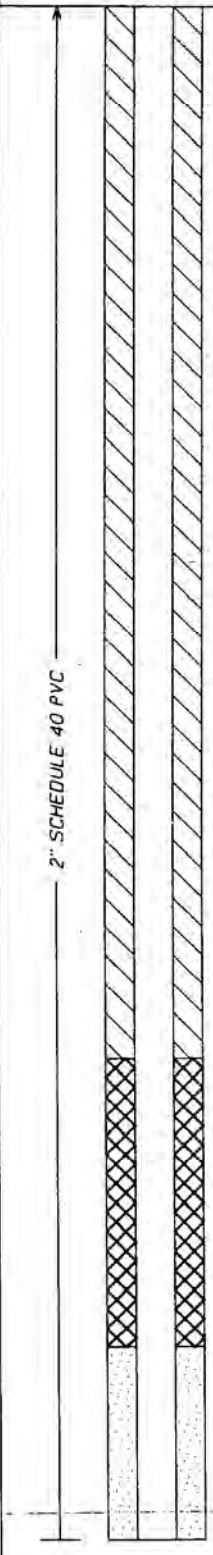
BORING NUMBER BS-MW04

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 86.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
47							SM	
48					2.0			SILTY SAND dark yellowish brown 10YR4/4, moist fine-grained (85% sand, 15% fines)
49								
50								
51								
52								
53								
54								
55								
56								
57								SILTY SAND same as above
58								
59								
60								
61								
62								

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW04

PROJECT NAME/NUMBER Brandywine Dist. Ctr. NO. 570920144

COMPLETION DEPTH 86.5 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
63							SM	
64								
65		40		75				2" Metavolcanic cobble- no soil recovered
66								
67					1.0			
68							SM	
69								SAN DIEGO FORMATION
70		94		20				**SILTY SAND** light olive brown 2.5Y4/4, moist, very dense, mottled, fine-grained, light gray 2.5Y7/1, iron oxide staining locally, micaceous (80% sand, 20% fines)
71				28				
72				40	0.0			
73								
74								
75		77	BWBS04S02076.5	25				**SILTY SAND** olive brown 2.5Y4/4 to brown 10YR5/3, moist to wet, fine-grained, very dense, same as above (85% sand, 15% fines)
76				35				
77				45				
78								

WELL DIAGRAM

2" SCHEDULE 40 PVC

0.010 SLOTTED PVC SCREEN

#2/12 SAND

▽

DEPTH feet

OGDEN

BORING LOG

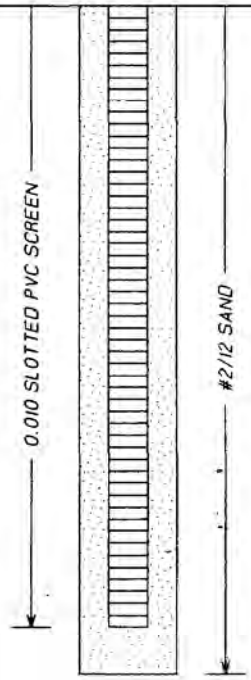
CLIENT *Chula Vista Industrial Realty, Inc.*

BORING NUMBER *BS-MW04*

PROJECT NAME/NUMBER *Brandywine Dist. Ctr, NO. 570920144*

COMPLETION DEPTH *86.5 ft.*

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
79							SM			79
80										80
81										81
82										82
83										83
84										84
85		88	BWBS04S03086.0	25				POORLY GRADED SAND WITH SILT dark yellowish brown 10YR4/6, moist to wet, very dense (90% sand, 10% silt)		85
				35	1.0					
86				50						86
								BORING COMPLETED TO 86.5 FEET BGS		
87										87
								SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 76.3' BGS		
88										88
89										89
90										90
91										91
92										92
93										93
94										94



OGDEN

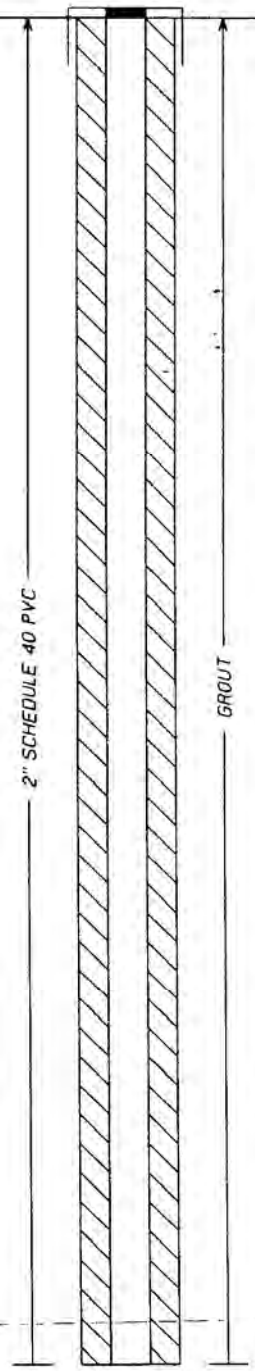
BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.
PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144
DATE/TIME STARTED 02-10-96 / 0910
DATE/TIME FINISHED 02-11-96 /
COORDINATES N/A.
ELEVATION AND DATUM
TOP OF CASING ELEVATION 175.85

BORING NUMBER BS-MW05
COMPLETION DEPTH 91 ft.
BOREHOLE DIAMETER 8"
DRILLER/COMPANY Russ/ Valley Well
DRILLING METHOD/FLUID Hollow Stem Auger
DRILLING EQUIPMENT Failing F-6
GEOLOGIST D. Barrie
CHECKED BY J. Jones

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
							SM	Asphalt at surface SAN DIEGO FORMATION
1								Silty sand cuttings
2								
3								
4								4" cobble noted in cuttings
5								
6								
7								
8								
9								
10		61	BWBS05S01D10.0	15	0.0			**SILTY SAND** light olive brown 2.5Y5/6, moist, locally mottled gray (80% sand, 20% fines)
11				30 30				
12								
13								
14								

WELL DIAGRAM



DEPTH feet

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
15							SM	
16								
17								
18								
19								
20								Silty sand cuttings
21								
22								
23								
24								
25								SILTY SAND cuttings slightly darker than above
26								
27								
28								
29								
30		77	BWBS05S02D31.5	20	1.0			

WELL DIAGRAM

2" SCHEDULE 40 PVC

GROUT

DEPTH feet

OGDEN

BORING LOG

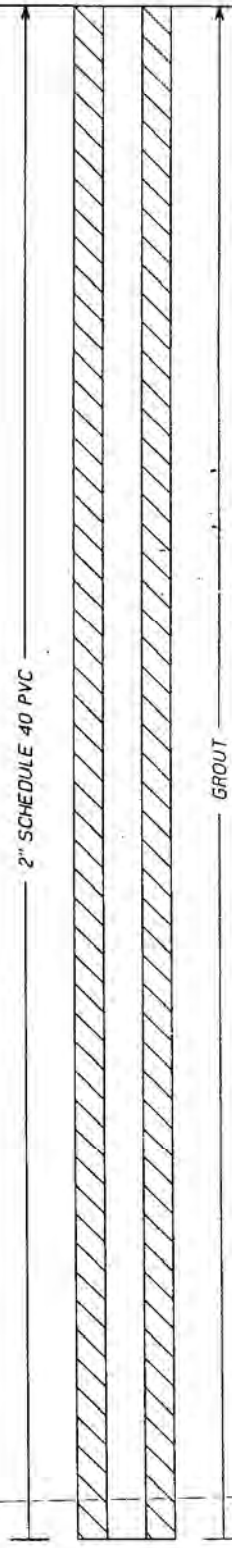
CLIENT *Chula Vista Industrial Realty, Inc.*

BORING NUMBER *BS-MW05*

PROJECT NAME/NUMBER *Brandywine Dist. Ctr, NO. 570920144*

COMPLETION DEPTH *91 ft.*

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
31				30 50			SM	**SILTY SAND** light yellowish brown 2.5Y6/3, moist, very dense, fine-grained, locally iron-oxide stained (85% sand, 15% fines)		31
32										32
33										33
34										34
35										35
36										36
37										37
38										38
39										39
40								Silty sand cuttings, same as above		40
41										41
42										42
43										43
44										44
45		100	BWBS05S03D46.0	35 50				**SILTY SAND** same as above with less iron-oxide staining, (85% sand, 15% silt)		45
46										46



OGDEN

BORING LOG

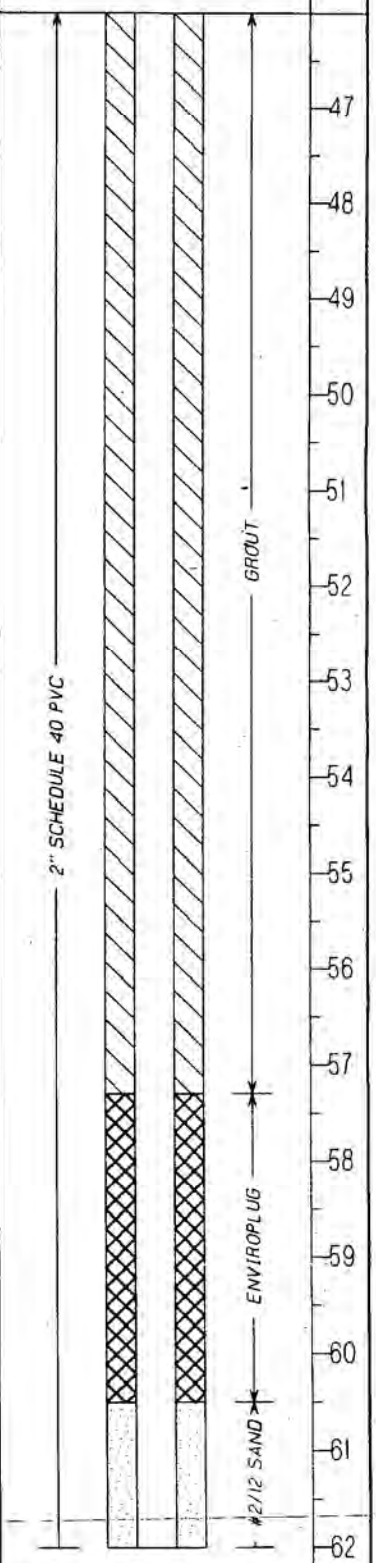
CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
47							SM	
48								
49								
50								
51								
52								
53								Silty sand cuttings, same as above
54								
55								
56								
57								
58								
59								
60					0.0			**SITLY SAND** olive brown 2.5Y4/4, moist, very dense, no odor, darker color than above, slightly more moist, water droplets in headspace bag (85% sand, 15% fines)
61								
62								



DEPTH feet

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION	WELL DIAGRAM	DEPTH feet
63							SM		2" SCHEDULE 40 PVC	63
64										64
65										65
66										66
67										67
68										68
69										69
70					0.0			**SILTY SAND** same as above but slightly higher percent of fines (80% sand, 20% fines)	0.010 SLOTTED PVC SCREEN	70
71										71
72										72
73										73
74										74
75								**SILTY SAND/CLAYEY SAND** olive brown 2.5Y4/3, moist, very dense, cuttings have 1/2" to 1" balls, (80% sand, 20% fines)	#2/12 SAND	75
76										76
77										77
78										78

OGDEN

BORING LOG

CLIENT Chula Vista Industrial Realty, Inc.

BORING NUMBER BS-MW05

PROJECT NAME/NUMBER Brandywine Dist. Ctr, NO. 570920144

COMPLETION DEPTH 91 ft.

DEPTH feet	SAMPLE	RECOVERY %	SAMPLE NUMBER	BLOW COUNT	HEADSPACE (ppm)	GRAPHIC LOG	SOIL CLASS	DESCRIPTION
79							SM	
80								
81								
82					0.0		CL	**LEAN CLAY WITH SAND** dark grayish brown 2.5Y4/2, moist, driller reports drilling slightly different, low to medium plasticity, fine-grained sand (15% sand, 85% fines)
83								
84							SM	
85			BWBS05S04D85.5	25	0.0			**POORLY GRADED SAND WITH SILT** olive brown 2.5Y4/3, wet, very dense, fine- to medium-grained, micaceous, free water in sample, (sampler dripping) (90% sand, 10% fines)
86				50				
87								
88								
89								
90		75		40				**SILTY SAND** very dark gray 2.5Y3/1, very dense, slightly organic odor, moist to wet (75% sand, 25% fines)
91			BWBS05S05D91.0	75				BORING COMPLETED TO 91 FEET BGS SET MONITORING WELL, GROUND WATER FIRST ENCOUNTERED AT 76.5' BGS, GROUNDWATER AT 74.5' BGS 40 MINUTES LATER
92								
93								
94								

WELL DIAGRAM

0.010 SLOTTED PVC SCREEN

#2/12 SAND

ULS REPORT

FACSIMILE

TOTAL NUMBER OF PAGES	5 (inclusive)
DATE	2-5-96
	TO
FACSIMILE NUMBER	458-0943
ATTENTION	Don Barrie
COMPANY	OGDEN
ADDRESS	
CITY, STATE, ZIP	San Diego
	FROM
ULS SERVICES COMPANY Specialist Services for Environmental and Construction Engineering	**ULS SERVICES COMPANY** **P.O. Box 724** **242 W. Lewis** **Pocatello, ID 83204-0724** **(800) 528-8206 (208) 234-1441**
TELEPHONE	800-528-8206

Please call (800) 528-8206 if you have difficulty reading this document.

COMMENTS: Don - Paperwork from today
Any questions please call

NOTE: This document is confidential and if you are not the intended recipient, disclosure, copying, or distribution of this information is prohibited. Please notify us at the number shown above so that we may retrieve the document at no cost to you.

Thank you, Chris Kenney

ULS Services Company

775 Yellowstone Avenue
Pocatello, Idaho 83201
(800) 528-8206

5580 La Jolla Boulevard
La Jolla, California 92037-7651
(619) 459-8598

ULS SERVICES COMPANY
Specialized Services for Environmental and Construction Engineering

WORK ORDER AGREEMENT

ORDER DATE:		ORDERED BY: Don Barrie	
JOB SITE LOCATION: 1690, 1670 Brandywine	JOB P.O. No.:	CLIENT: Ogden	
CITY: Chula Vista	STATE: Ca	BILLING ADDRESS: 5510 Morehouse Dr.	
PHONE:	BOOK/PAGE-ZONE:	CITY, STATE, ZIP: San Diego, Ca 92121	
SITE CONTACT: Don	JOB DATE: 2-5-96	PHONE: 619-458-9044 FAX 619-458-0943	

WORK REQUESTED: (SCOPE OF WORK)

Conductive Utility Survey in and around 5 proposed borings

WORK PERFORMED:

TRAVEL HOURS	
LABOR HOURS	2.0
DOWN HOURS	

* EMPCL Conductive Utility Survey
  - Utilized passive, ground induction and connection modes. Located utilities marked with pink painted arrows indicating direction. Approx 10'x10' survey zone around each point painted with pink boxes ( ).
* EMIMD Inductive Survey for any metal mass anomalies

CAUTION: Some conductive and non-conductive utilities may or may not be located due to uncontrolled circumstances, ie (soil content, PVC pipe, reinforced concrete, etc) Strongly suggest exhausting all possible source of info, ie (as builts, USA/Digline etc.

Chris Rasmussen SIGNATURE OF ULS REPRESENTATIVE	DATE 2-5-96

NOTE: THE WORK PERFORMED ABOVE IS PERFORMED TO INDUSTRY STANDARDS (OR HIGHER); HOWEVER, IT IS THE RESPONSIBILITY OF THE CLIENT OR EXCAVATOR TO CONTACT ALL UNDERGROUND FACILITY OWNERS AND TO DETERMINE THE EXACT LOCATION OF UNDERGROUND FACILITIES BEFORE EXCAVATING. EXCAVATION WORK NEAR UNDERGROUND FACILITIES MAY RESULT IN INJURY TO PERSONS OR DAMAGE TO FACILITIES. THE CLIENT OR EXCAVATOR WILL TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES. STATE LAW MAY REQUIRE THAT HAND TOOLS BE USED TO UNCOVER FACILITIES WHEN WORKING WITHIN 2 FEET OF EITHER SIDE OF FACILITY. LAW MAY VARY. ULS AND ITS REPRESENTATIVES ARE NOT RESPONSIBLE FOR INJURY TO PERSONS OR DAMAGE TO FACILITIES. CLIENT'S SIGNATURE BELOW IS ACCEPTANCE OF RESPONSIBILITY AND ACKNOWLEDGMENT OF SATISFACTORY COMPLETION OF WORK PERFORMED ABOVE. THIS DOCUMENT WILL ALSO BE FAXED TO CLIENT FOR ACKNOWLEDGMENT OF ABOVE.

	FAXED 2-5-96	FAXED DATE: 2-5-96
ULS SERVICES COMPANY Michael W. Benedict or Steve Wilkins	CLIENT	TELEPHONED DATE:

EMIMD SURVEY
SITE INFORMATION AND CALIBRATION SHEET

Client: OGDEN
Project Name: 1660 + 1670 Brandywine
Date: 2-5-96
Surveyor Name: Chris Reimer
Unit Model Name: TW-6 or Gemini 3
Serial NO.:

Survey Scope(ie.Ust, Debris): Any Metal Mass anomalies
Construction Medium(Reference if known, ie Steel, fiberglas)

Calibration(Site Specific EM Signal Noise Adjustment)
Instrument Highth(ft): 1
Sensitivity Setting : 6

Ground Surface Type: asphalt

SURVEY DATA
Trial 1 Highth : 1
Setting : 6
Trial 2 Highth : 1
Setting : 4

Surface Metal Interference: none
Utility INterference : none

Anomaly Shape(Surface Projection): none
Dimensions:
Nearest Reference Point(ie. Bldg.):

Site Description: Asphalt parking areas around industrial bldg.

Misc. Notes or Problems: No Metal Mass Anomalies located

UST Inside Tank Measurements

UST 1			UST 2			UST 3		
B =			B =			B =		
T =			T =			B =		
Dia =			Dia =			Dia =		

ELECTROMAGNETIC PIPE AND CABLE LOCATION (EMPCL) QA/QC SITE SHEET

Client: OGDEN
Project Name 1610 + 1670 Brandywine
Date: 2-5-96
Surveyor Name Chris Reimer
Unit Model Name RD 400 Receiver & RD400 Standard or HPTX High Watt Transmitter
Serial No s: Receiver _____
Trans. _____

METHOD TO PERFORM	Specific Comments and Limitations	Surveyor Initial	See Pg. 2
PASSIVE MODE			
50/60 hertz (power)		CR	
Radio (VLF)		CR	
(8 and 33 khertz)		CR	
GROUND INDUCTION MODE			
Spread 33 khertz		CR	
Inline Specific Lines		CR	
T 's or Branches ??		CR	
Parallel Lines(closely spaced)		CR	
SITE VISUAL INSPECTION of UTILITIES and CONNECTION MODE			
Propane AST	None Observed	CR	
Natural Gas Meter	None Observed	CR	
Electric Meter	Transformer @ MW04	CR	*
Telephone/Cable TV	CAUTION @ MW03 + 04	CR	*
Misc. Conduits	None Observed	CR	
Fuel Lines	None Observed	CR	
Water Main/Well Pump			
Domestic		CR	
Fire Hydrants	Near MW01	CR	*
Fire Sprinklers	None observed	CR	
Irrigation	Caution for PVC irrigation	CR	
Light Poles	None observed	CR	
MANHOLE LID INSPECTION for UTILITY TREND DIRECTION			
Sewer and Clean-out	Manholes in Brandywine	CR	*
Storm Drain (or inlet)	None observed	CR	
Electric	None observed	CR	
Telephone	None observed	CR	
FIBER OPTIC CABLES??	UNKNOWN	CR	
PLASTIC WATER PIPES??	UNKNOWN	CR	
OVERHEAD LINES IN AREA??	NO	CR	

Ground to Earth Conditions? Soil - Moist or Dry/concrete/ Good Poor?
Review of Utility Drawings and Client Review _____
NOTE: If indicated after Surveyor Initial (**) please refer to page 2 for additional Comments and Limitations

EMPCL QA/QC SITE SHEET
SPECIFIC COMMENTS - LIMITATIONS
page____

ient: CH2DEN
Project Name: Marine Corps Brandywine
Date: 2-5-96
SurveyorName: Chris Reimer

* Caution for Electric at Transformer near MW04 Signal trends E to W near USA marked telephone
* Caution for tel. at MW04 and MW03
* Caution for H_2O to Fire Hydrant near MW01 Signal trends N S
* Caution for sewer no cleanouts observed. Manholes in Brandywine unable to obtain visual trend

WELL DEVELOPMENT AND GROUND-WATER SAMPLING LOGS

OGDEN

WELL DEVELOPMENT

PROJECT		WELL NO.
Brandywine		MW-61
JOB NO.	SITE	PREPARED BY JC

METHOD: OVERPUMPAGE _____ BAILER ✓ SURGE BLOCK _____ AIR LIFT _____ OTHER _____

INITIAL WATER LEVEL 52.3' bgs

FINAL WATER LEVEL _____

REMARKS:

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
2" - 0.16
4" - 0.65
6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE = 0.52
2" CASING AND 8" HOLE = 0.98
4" CASING AND 10" HOLE = 1.37
4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"

WELL CASING INSIDE DIAMETER d_w ID = _____

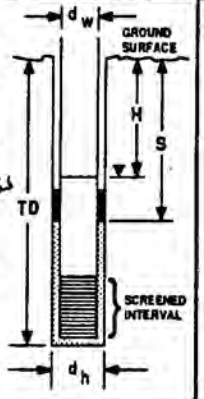
OUTSIDE DIAMETER d_w OD = 2"

DEPTH TO: WATER LEVEL H = 52.3' bgs

BASE OF SEAL S = _____

BASE OF WELL TD = 69.5

EST. FILTER PACK POROSITY P = _____



WELL VOLUME CALCULATION: 30 feet of screen

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2 (\quad - \quad) =$ _____

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(* if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) =$ _____

TOTAL WELL VOLUME = $V_T = V_f + V_C =$ + = _____ ft.^{3} x 7.48 = _____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS:
2-19-96	1600	bailer	0 (BEGIN)	1 gal/min	* 20	5.85	5.88	very turbid	71.8	
	1605		5		25	5.86	5.93	"	70.1	
	1610		10		30	5.93	4.03	mod. turbid	70.3	
	1615		15		35	5.95	4.05		69.5	
	1650		20		35	5.92	5.12		66.7	let well recharge for 30 minutes
	1652		52		37	5.94	4.87		68.0	
	1655		55		40	5.88	5.48		68.4	
	1700		60		45	5.84	6.22		67.7	
	1703		63		48	5.88	6.01		67.8	
	1705		65		50	5.91	5.92		68.0	

Note: Began pursing at 1300 on 2-19-96 - Did not begin taking parameters until 20 gallons of H_2O had been removed.

OGDEN

WELL DEVELOPMENT

PROJECT		WELL NO. MW-02
JOB NO.	SITE Brandywine Pre	PREPARED BY JC

METHOD: OVERPUMPAGE ____ BAILER ✓ SURGE BLOCK (pump) X.X AIR LIFT ____ OTHER ____

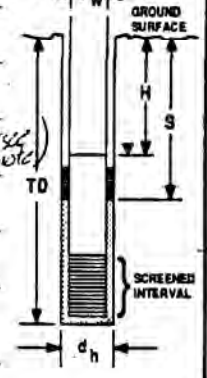
INITIAL WATER LEVEL 30.5 bgs
FINAL WATER LEVEL 42.5 bgs

REMARKS: Attempted to use surge block but it did not work so H_2O level is reflecting potentiometric H_2O within well.

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
2" - 0.16
4" - 0.65
6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE = 0.52
2" CASING AND 8" HOLE = 0.98
4" CASING AND 10" HOLE = 1.37
4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 2"
WELL CASING INSIDE DIAMETER d_w ID = ____
OUTSIDE DIAMETER d_w OD = ____
DEPTH TO: WATER LEVEL H = 30.5 (bgs water)
BASE OF SEAL S = ____
BASE OF WELL TD = 60
EST. FILTER PACK POROSITY P = ____



WELL VOLUME CALCULATION:

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2(\quad - \quad) = ____$ Casing = 4.72 gallons

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$ filter = 19.60 gallons
(*if S>H use S, if S<H use H.)
$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) = ____$

10 bailers ↓
5 gal back ↵
0.5 gallons/bailer
2.25 gallons/bailer

TOTAL WELL VOLUME = $V_T = V_f + V_c$ = ~~29.5~~ ft.^{3} × 7.48 = ~~24.32~~ 24 gal. ↵

DEVELOPMENT LOG:					CUMULATIVE WATER REMOVED	WATER QUALITY				COMMENTS:
DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	GALLONS	pH	CONDUCTIVITY	TURBIDITY	TEMP.	
2-19-96	1145	bail	0 (BEGIN)	5 gal/bailer	5	6.64	2.34E3	very dirty	73.3	
"	1158	"	13	"	10	6.42	1.59E3	"	72.2	
"	1212	"	~~14~~ 27	"	15	6.66	1.70E3	"	68.5	
"	1224	"	39	"	20	6.50	2.17E3	"	69.0	
"	1237	"	52	"	25	6.35	2.70E3	"	70.4	
"	1252	"	67	"	32	6.24	3.09E3	"	74.8	
"	1310	"	85	"	35	6.20	3.03E3	"	70.9	
"	1324	"	97	"	40	6.06	3.20E3	"	73.6	
"	1205	"	125	"	45	6.17	3.50E3	"	78.1	launch break (15 min)
"	1220	"	140	"	~~46~~ 50	6.05	3.37E3	"	75.0	
"	1221	"	141	"	47	6.08	3.30E3	"	73.9	
"	1224	"	144	"	48	6.09	3.30E3	very cloudy	72.2	
"	1225	"	145	"	49	6.09	3.25E3		70.8	
	1227	"	147	"	50	6.03	3.21E3		70.8	

OGDEN

WELL DEVELOPMENT

PROJECT	WELL NO.
Brandywine	MW-03
JOB NO. / SITE	PREPARED BY
	JC

METHOD: OVERPUMPAGE ____ BAILER ✓ SURGE BLOCK ____ AIR LIFT ____ OTHER ____

INITIAL WATER LEVEL 46.6'bgs

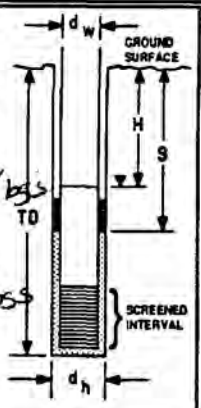
FINAL WATER LEVEL ____

REMARKS: Initial H_2O level taken e 1303

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
(2" - 0.16)
4" - 0.65
6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE = 0.52
(2" CASING AND 8" HOLE = 0.98)
4" CASING AND 10" HOLE = 1.37
4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"
WELL CASING INSIDE DIAMETER d_w ID = ____
OUTSIDE DIAMETER d_w OD = 2"
DEPTH TO: WATER LEVEL H = 46.6'bgs
BASE OF SEAL S = ____
BASE OF WELL TD = 76'bgs
EST. FILTER PACK POROSITY P = ____



WELL VOLUME CALCULATION: 20 feet of screen

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2(\quad - \quad) = ____$

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) = ____$

TOTAL WELL VOLUME = $V_T = V_f + V_C$ = ____ + ____ = ____ ft.^{3} x 7.48 = ____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME (Minutes)	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS:
2-19-96	1330	bail	0 (BEGIN)	0.5 gal/min	JC 20	5.73	13.0	very turbid	70.9	
	1352		22		22	5.67	13.39	"	73.2	
	1400		30		28	5.59	13.43	"	76.4	
	1431		61		32	5.64	13.27	mod.	74.1	
	1437		67		33.5	5.51	13.37	"	70.0	Allow recharge for 10 minutes
	1453		83		35	5.52	12.78	"	71.0	
	1456		86		35.5	5.53	12.50	"	69.9	
	1459		89		37	5.51	13.68	"	69.8	
	1502		92		38	5.46	13.24	"	69.9	
	1504		94		42	5.44	12.89	"	69.7	
	1507		97		44	5.45	12.89	"	69.8	
↓	1509	↓	99	↓	46	5.46	13.02	"	67.1	

Note: 20 gallons was pursed beginning at 12:44 on 2/19/96

OGDEN

WELL DEVELOPMENT

PROJECT	WELL NO.
BRANDYWINE	MW-#4
JOB NO. / SITE	PREPARED BY
	JSB

METHOD: OVERPUMPAGE _____ BAILER ✓ SURGE BLOCK ✓ (20 MINS) AIR LIFT _____ OTHER _____

INITIAL WATER LEVEL 75.48 bgs

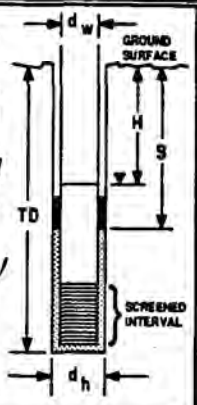
FINAL WATER LEVEL _____

REMARKS:

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
2" - 0.16
4" - 0.65
6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE = 0.52
2" CASING AND 8" HOLE = 0.98
4" CASING AND 10" HOLE = 1.37
4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"
WELL CASING INSIDE DIAMETER d_w ID = _____
OUTSIDE DIAMETER d_w OD = 2"
DEPTH TO: WATER LEVEL H = 75.4'
BASE OF SEAL S = _____'
BASE OF WELL TD = 86.5'
EST. FILTER PACK POROSITY P = _____



WELL VOLUME CALCULATION:

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD-H) = 3.14\left(\frac{\quad}{2}\right)^2 (\quad - \quad) =$ _____

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD-(S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) =$ _____

TOTAL WELL VOLUME = $V_T = V_f + V_C =$ + = _____ $ft.^3 \times 7.48 =$ _____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS:
2-12-96	1400	Bail.	0 (BEGIN)		10	7.17	1.10	V. CLOUDY	68.5	
"	1440	"	40		20	6.53	0.97	"	75.3	SURGE FOR
"	1445	"	45		25	6.41	0.96	"	74.9	20 MINS. @
"	1450	"	50		27	6.34	0.97	"	74.0	20 MINS.
"	1455	"	55		29	6.23	1.66	"	74.3	
"	1459	"	59		30	6.22	1.51	"	74.0	
"	1510	"	70		33	6.17	0.98	"	74.6	
"	1520	"	80		35	6.13	0.97	"	74.3	
"	1525	"	85		37	6.11	0.96	"	74.7	
"	1530	"	90		38	6.05	0.96	"	75.1	
"	1533	"	93		39	6.00	0.96	↓	75.8	
"	1548	"	108		40	5.97	0.95	MOD. CLOUDY	75.5	
"	1551	"	111		41	5.96	0.95	"	76.6	
↓	1600	↓	120		42	5.95	0.95	↓	75.5	

OGDEN

WELL DEVELOPMENT

PROJECT	WELL NO.
BRANDYWINE	MW-05
JOB NO. / SITE	PREPARED BY
	JSB

METHOD:
- OVERPUMPAGE: ____
- BAILER: ✓
- SURGE BLOCK: ✓
- AIR LIFT: 20 MINS
- OTHER: ____

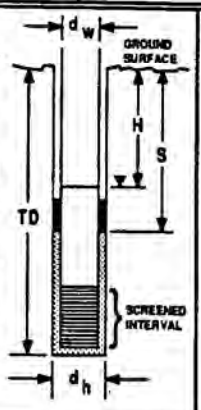
INITIAL WATER LEVEL: 74.16 65
FINAL WATER LEVEL: ____

REMARKS:

CAPACITY OF CASING (GALLONS / LINEAR FOOT)
- 2" - 0.16
- 4" - 0.65
- 6" - 1.47

VOLUME BETWEEN CASING AND HOLE (GALLONS / LINEAR FOOT) (ASSUMING 40% POROSITY)
- 2" CASING AND 6" HOLE = 0.52
- 2" CASING AND 8" HOLE = 0.98
- 4" CASING AND 10" HOLE = 1.37
- 4" CASING AND 12" HOLE = 2.09

HOLE DIAMETER d_h = 8"
WELL CASING INSIDE DIAMETER d_w ID = 2"
OUTSIDE DIAMETER d_w OD = 2"
DEPTH TO: WATER LEVEL H = 74.1'
BASE OF SEAL S = ____
BASE OF WELL TD = 91'
EST. FILTER PACK POROSITY P = ____



WELL VOLUME CALCULATION:

CASING VOLUME = $V_C = \pi\left(\frac{d_w ID}{2}\right)^2 (TD - H) = 3.14\left(\frac{\quad}{2}\right)^2 (\quad - \quad) = ____$

FILTER PACK PORE VOLUME = $V_f = \pi\left[\left(\frac{d_h}{2}\right)^2 - \left(\frac{d_w OD}{2}\right)^2\right](TD - (S \text{ or } H)^*)(P) =$

(*if S>H use S, if S<H use H.)

$3.14\left[\left(\frac{\quad}{2}\right)^2 - \left(\frac{\quad}{2}\right)^2\right](\quad - \quad)(\quad) = ____$

TOTAL WELL VOLUME = $V_T = V_f + V_C =$ ____ + ____ = ____ ft.^{3} x 7.48 = ____ gal.

DEVELOPMENT LOG:

DATE	TIME BEGIN/END	METHOD	ELAPSED TIME	FLOW RATE (gpm)	CUMULATIVE WATER REMOVED GALLONS	WATER QUALITY pH	CONDUCTIVITY	TURBIDITY	TEMP.	COMMENTS:
2-12-96	16:30	(Bail)	0 (BEGIN)		11.5	5.92	5.80	V. Turbid	60.8	V. TURBID
	16:33		3		13	5.84	14.62	Mod.	60.9	0-9 Gals.
	16:35		5		13.5	5.91	14.76		61.0	
	16:36		6		14	5.88	15.00		61.6	
	16:38		8		14.5	5.88	15.25		62.0	
	16:40		10		15	5.89	15.51		62.4	
	16:45		15		16	5.82	15.90		62.6	
	16:50		20		17	5.85	16.31		62.9	
↓	16:55	↓	25		18	5.82	16.55	↓	62.9	

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW01 LOCATION: 16 Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 10:10 CLIMATIC CONDITIONS: cloudy - cool
TOTAL DEPTH: 69.20 STATIC WATER LEVEL: 47.82 LENGTH OF SATURATED ZONE: 21.38 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED 14 24.375 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 21.38 LINEAR FT. X 1 (slow well) OR (1.5) (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 36.6 GALS.
METHOD OF REMOVAL: Grundfoss PUMPING RATE: ~1 gpm ⇒ <0.5 gpm

25 gal for slow well

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
1030	1	17.9	6.98	6000	gray, cloudy
1034	5	20.7	6.85	7500	"
1050	10	20.2	6.96	8000	gray, cloudy
1055	15	21.3	6.94	8500	gray, cloudy, clearing
1100	~~18~~	21.9	6.89	8700	low, gray
1103	21	23.0	6.92	8800	low, gray brown
1110	~~23~~	23.5	6.96	9500	low clearing
1115	~~26~~	23.6	6.96	8300	low
1120					drawdown at ~28 gal.

drawdown at ~10 g

Conductivity meter probe appears to have a short

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailer
COLOR brown - gray TEMP. 15.0
TURBIDITY mod. pH 7.21
SEDIMENT mod. SP.COND. 8000
OTHER: _____

LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: 8010/8020 w HCl, Metals & gen. minerals HNO3 & unp & H_2SO_4
NUMBER AND TYPES OF SAMPLE CONTAINERS USED: 3 x 40ml VOA, 3 x 1l poly, 1 x 500 ml poly
SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW01-S01 at 1600
DECONTAMINATION PROCEDURES: _____

NOTES: the empty drum smelled bad. Used drum w/ drum liner smells like paint or solvents
SAMPLED BY: MP / JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2" CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW-02 LOCATION: Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 1145 CLIMATIC CONDITIONS: _____
TOTAL DEPTH: 50.05 STATIC WATER LEVEL: 40.86 LENGTH OF SATURATED ZONE: 9.19 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 9.19 LINEAR FT. X (1 (slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 10.5 GALS. 15
METHOD OF REMOVAL: Grundfos PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
2-29-96 / 1158	1	25	7.09	3760	low - med.
	2	21.3	7.39	1350	low
1214	4	23.5	7.34	3050	
1215	6	23.8	7.29	3050	clearing
1218	~ 8	22.3	7.20	3500	med - low
1220	9	21.4	7.18	3400	med. low
1222	10+	22.1	7.25	3300	low
1225	12	21.9	7.28	3100	clear
1228	15	22.1	7.29	3200	clear

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: Disposable bailer
COLOR brown TEMP. 19.7
TURBIDITY mod pH 7.37
SEDIMENT mod SP.COND. 3000
OTHER: _____

LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: _____
See MW-1

NUMBER AND TYPES OF SAMPLE CONTAINERS USED: _____

SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW02 - S01 at 1615
DECONTAMINATION PROCEDURES: _____

NOTES: _____

SAMPLED BY: MP / JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2"' CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW-03 LOCATION: 11670 Brandywine Ave PROJECT NO. _____
DATE: 2-27-96 TIME: 1301 CLIMATIC CONDITIONS: cloudy, cool
TOTAL DEPTH: 64.82 STATIC WATER LEVEL: 51.85 LENGTH OF SATURATED ZONE: 12.97 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 12.97 LINEAR FT. X 1 (slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 14.7 GALS.
METHOD OF REMOVAL: Grundfos PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
2-27-96 1300	2	20.9	6.74	9000	high
1305	4	22.2	6.73	12,000	high - brown
1310	drawdown at 6 gal				
1328	7	23.4	6.74	12000	high
1331	9	22.1	6.70	12,000	high
drawdown at ~ 10.5 gal					high
1350	12.5	24.0	6.73	12500	high
1355	14	23.6	6.71	13,000	high
1358	15	22.9	6.77	12,000	med - high

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailers
COLOR brown - green TEMP. 21.0
TURBIDITY high pH 6.92
SEDIMENT high SP.COND. 13,000
OTHER: _____

LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: See MW-1

NUMBER AND TYPES OF SAMPLE CONTAINERS USED: _____

SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW03-[illegible] at [illegible]
DECONTAMINATION PROCEDURES: _____

NOTES: _____

SAMPLED BY: MP | JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2"' CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW-04 LOCATION: Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 1710 CLIMATIC CONDITIONS: breezy, cool, clear
TOTAL DEPTH: 85 STATIC WATER LEVEL: 74.94 LENGTH OF SATURATED ZONE: 10.06 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 10.06 LINEAR FT.
1 (slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 11.46 GALS.
METHOD OF REMOVAL: Grundfos PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
1715	2	21.2	6.88	8000	mod-high
1718	4	21.1	7.08	7500	mod-high
1721	6	22.2	7.1	8000	clearing M-low
1724	9	22.0	7.09	8300	low
1726	12	22.5	7.07	8000	low - clear
1729	14	23.00	7.06	9000	low - clear
drawdown at 14					

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailer
COLOR brown TEMP. 20.1
TURBIDITY high pH 7.18
SEDIMENT high SP.COND. _____
OTHER: _____

LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: 8010 | 8020, gen min & metals

NUMBER AND TYPES OF SAMPLE CONTAINERS USED: see MW-1

SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW04-501 at 1930
DECONTAMINATION PROCEDURES: _____

NOTES: _____

SAMPLED BY: MP | JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2" CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

GROUND-WATER SAMPLING LOG

San Diego County (SA/M Guidelines)

WELL NO. MW-5 LOCATION: 1674 Brandywine PROJECT NO. _____
DATE: 2-27-96 TIME: 1515 CLIMATIC CONDITIONS: cool, cloudy
TOTAL DEPTH: 85 STATIC WATER LEVEL: 73.76 LENGTH OF SATURATED ZONE: 11.24 LINEAR FT.

WELL PURGING

BOREHOLE VOLUME: CAPACITY OF CASING 0.16 (Gals./Linear Ft.)+VOLUME BETWEEN CASING AND HOLE 0.98 (Gals./Linear Ft.) = 1.14 GALS/LINEAR FT. VOLUME OF WATER TO BE EVACUATED: 1.14 GALS/LINEAR FT. X LENGTH OF SATURATED ZONE 11.24 LINEAR FT. X 1 (slow well) OR 1.5 (Fast well, stable parameters) OR 3 (Fast well, unstable parameters) = 12.8 GALS.
METHOD OF REMOVAL: K Grundfos PUMPING RATE: _____

WELL PURGE DATA

DATE/TIME	GALLONS REMOVED	TEMP(°C)	pH	SP.COND.	TURBIDITY
1521	2	21.8	6.72	8000	high
	drawdown at 3 gal				
1534	4	23.0	6.82	6000	high
	drawdown at ~4.5 gal				
1645	5	21.6	6.81	8000	high
1648	6 1/2	22.3	6.79	8000	mod. clearing
1650	9	22.3	6.77	8000	mod - low
1654	drawdown at ~ 11 gal				

SAMPLE DATA

SAMPLE WITHDRAWAL METHOD: disposable bailer
COLOR brown TEMP. 17.41
TURBIDITY high pH 6.94
SEDIMENT high SP.COND. _____
OTHER: _____
LABORATORY ANALYSIS PARAMETERS AND PRESERVATIVES: See MW-1
NUMBER AND TYPES OF SAMPLE CONTAINERS USED: _____
SAMPLE IDENTIFICATION NUMBER(S) AND TIME: MW-04-501 at 1900
DECONTAMINATION PROCEDURES: _____
NOTES: _____
SAMPLED BY: MP / JC
SAMPLES DELIVERED TO: _____ TRANSPORTER: _____
DATE: _____ TIME: _____

CAPACITY OF CASING (GALLONS/LINEAR FOOT) 2"-0.16 • 4"-0.65 • 6"-1.47 • 8"-2.61 • 10"-4.08 • 12"-5.87
VOLUME BETWEEN CASING AND HOLE (GALLONS/LINEAR FOOT) (ASSUMING 40% POROSITY)
2" CASING AND 6" HOLE =0.52 4" CASING AND 10" HOLE = 1.37
2"" CASING 8" HOLE - 0.98 4" CASING AND 12" HOLE = 2.09

APPENDIX B

ANALYTICAL LABORATORY REPORTS

C K Y incorporated
Analytical Laboratories

Date: 02-26-1996
CKY Batch No.: 96B085

Attn: Don Barrie

Ogden Environmental
5510 Morehouse Drive
San Diego, CA 92121

Subject: Laboratory Report
Project: Brandywine

Enclosed is the Laboratory report for samples received on 02/19/96. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
BWBS01S01D10.0	B085-01	Soil	EPA 8010 EPA 8020 TOC
BWBS01S02D71	B085-02	Soil	EPA 8010 EPA 8020 TOC
BWBS02S01D11.0	B085-03	Soil	EPA 8010 EPA 8020 TOC
BWBS02S02D56.0	B085-04	Soil	EPA 8010 EPA 8020 TOC
BWBS03S01D10.5	B085-05	Soil	EPA 8010 EPA 8020 TOC
BWBS03S02D66.5	B085-06	Soil	EPA 8010 EPA 8020 TOC
BWBS03S03D75.5	B085-07	Soil	EPA 8010 EPA 8020 TOC

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S01D10.0	DATE ANALYZED:	02/21/96
CONTROL NO.:	B085-01	MATRIX:	SOIL
% MOISTURE:	8.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	27.4
Chloromethane	ND	27.4
Vinyl Chloride	ND	27.4
Bromomethane	ND	27.4
Chloroethane	ND	27.4
Trichlorofluoromethane	ND	5.48
1,1-Dichloroethene	ND	5.48
Methylene Chloride	ND	27.4
cis-1,2-Dichloroethene	ND	5.48
trans-1,2-Dichloroethene	ND	5.48
1,1-Dichloroethane	ND	5.48
Chloroform	ND	5.48
1,1,1-Trichloroethane	ND	5.48
Carbon Tetrachloride	ND	5.48
1,2-Dichloroethane	ND	5.48
Trichloroethene	ND	5.48
1,2-Dichloropropane	ND	5.48
Dibromomethane	ND	5.48
Bromodichloromethane	ND	5.48
2-Chloroethyl vinylether	ND	5.48
trans-1,3-Dichloropropene	ND	5.48
cis-1,3-Dichloropropene	ND	5.48
1,1,2-Trichloroethane	ND	5.48
Tetrachloroethene	ND	5.48
1,3-Dichloropropane	ND	5.48
1,1,1,2-Tetrachloroethane	ND	5.48
Dibromochloromethane	ND	5.48
Ethylene Dibromide	ND	5.48
Chlorobenzene	ND	5.48
Bromoform	ND	5.48
1,1,2,2-Tetrachloroethane	ND	5.48
Chlorotoluene	ND	5.48
1,3-Dichlorobenzene	ND	5.48
1,4-Dichlorobenzene	ND	5.48
1,2-Dichlorobenzene	ND	5.48
Benzylchloride	ND	5.48

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	84	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S02D71	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-02	MATRIX:	SOIL
% MOISTURE:	24.3	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	33
Chloromethane	ND	33
Vinyl Chloride	ND	33
Bromomethane	ND	33
Chloroethane	ND	33
Trichlorofluoromethane	ND	6.61
1,1-Dichloroethene	ND	6.61
Methylene Chloride	ND	33
cis-1,2-Dichloroethene	ND	6.61
trans-1,2-Dichloroethene	ND	6.61
1,1-Dichloroethane	ND	6.61
Chloroform	ND	6.61
1,1,1-Trichloroethane	ND	6.61
Carbon Tetrachloride	ND	6.61
1,2-Dichloroethane	ND	6.61
Trichloroethene	ND	6.61
1,2-Dichloropropane	ND	6.61
Dibromomethane	ND	6.61
Bromodichloromethane	ND	6.61
2-Chloroethyl vinylether	ND	6.61
trans-1,3-Dichloropropene	ND	6.61
cis-1,3-Dichloropropene	ND	6.61
1,1,2-Trichloroethane	ND	6.61
Tetrachloroethene	ND	6.61
1,3-Dichloropropane	ND	6.61
1,1,1,2-Tetrachloroethane	ND	6.61
Dibromochloromethane	ND	6.61
Ethylene Dibromide	ND	6.61
Chlorobenzene	ND	6.61
Bromoform	ND	6.61
1,1,2,2-Tetrachloroethane	ND	6.61
Chlorotoluene	ND	6.61
1,3-Dichlorobenzene	ND	6.61
1,4-Dichlorobenzene	ND	6.61
1,2-Dichlorobenzene	ND	6.61
Benzylchloride	ND	6.61

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	68	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S01D11.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-03	MATRIX:	SOIL
% MOISTURE:	14.0	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	29.1
Chloromethane	ND	29.1
Vinyl Chloride	ND	29.1
Bromomethane	ND	29.1
Chloroethane	ND	29.1
Trichlorofluoromethane	ND	5.81
1,1-Dichloroethene	ND	5.81
Methylene Chloride	ND	29.1
cis-1,2-Dichloroethene	ND	5.81
trans-1,2-Dichloroethene	ND	5.81
1,1-Dichloroethane	ND	5.81
Chloroform	ND	5.81
1,1,1-Trichloroethane	ND	5.81
Carbon Tetrachloride	ND	5.81
1,2-Dichloroethane	ND	5.81
Trichloroethene	ND	5.81
1,2-Dichloropropane	ND	5.81
Dibromomethane	ND	5.81
Bromodichloromethane	ND	5.81
2-Chloroethyl vinylether	ND	5.81
trans-1,3-Dichloropropene	ND	5.81
cis-1,3-Dichloropropene	ND	5.81
1,1,2-Trichloroethane	ND	5.81
Tetrachloroethene	ND	5.81
1,3-Dichloropropane	ND	5.81
1,1,1,2-Tetrachloroethane	ND	5.81
Dibromochloromethane	ND	5.81
Ethylene Dibromide	ND	5.81
Chlorobenzene	ND	5.81
Bromoform	ND	5.81
1,1,2,2-Tetrachloroethane	ND	5.81
Chlorotoluene	ND	5.81
1,3-Dichlorobenzene	ND	5.81
1,4-Dichlorobenzene	ND	5.81
1,2-Dichlorobenzene	ND	5.81
Benzylchloride	ND	5.81

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	82	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S02D56.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-04	MATRIX:	SOIL
% MOISTURE:	24.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32.9
Chloromethane	ND	32.9
Vinyl Chloride	ND	32.9
Bromomethane	ND	32.9
Chloroethane	ND	32.9
Trichlorofluoromethane	ND	6.59
1,1-Dichloroethene	ND	6.59
Methylene Chloride	ND	32.9
cis-1,2-Dichloroethene	ND	6.59
trans-1,2-Dichloroethene	ND	6.59
1,1-Dichloroethane	ND	6.59
Chloroform	ND	6.59
1,1,1-Trichloroethane	ND	6.59
Carbon Tetrachloride	ND	6.59
1,2-Dichloroethane	ND	6.59
Trichloroethene	ND	6.59
1,2-Dichloropropane	ND	6.59
Dibromomethane	ND	6.59
Bromodichloromethane	ND	6.59
2-Chloroethyl vinylether	ND	6.59
trans-1,3-Dichloropropene	ND	6.59
cis-1,3-Dichloropropene	ND	6.59
1,1,2-Trichloroethane	ND	6.59
Tetrachloroethene	ND	6.59
1,3-Dichloropropane	ND	6.59
1,1,1,2-Tetrachloroethane	ND	6.59
Dibromochloromethane	ND	6.59
Ethylene Dibromide	ND	6.59
Chlorobenzene	ND	6.59
Bromoform	ND	6.59
1,1,2,2-Tetrachloroethane	ND	6.59
Chlorotoluene	ND	6.59
1,3-Dichlorobenzene	ND	6.59
1,4-Dichlorobenzene	ND	6.59
1,2-Dichlorobenzene	ND	6.59
Benzylchloride	ND	6.59

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	86	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S01D10.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-05	MATRIX:	SOIL
% MOISTURE:	11.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	28.4
Chloromethane	ND	28.4
Vinyl Chloride	ND	28.4
Bromomethane	ND	28.4
Chloroethane	ND	28.4
Trichlorofluoromethane	ND	5.68
1,1-Dichloroethene	ND	5.68
Methylene Chloride	ND	28.4
cis-1,2-Dichloroethene	ND	5.68
trans-1,2-Dichloroethene	ND	5.68
1,1-Dichloroethane	ND	5.68
Chloroform	ND	5.68
1,1,1-Trichloroethane	ND	5.68
Carbon Tetrachloride	ND	5.68
1,2-Dichloroethane	ND	5.68
Trichloroethene	ND	5.68
1,2-Dichloropropane	ND	5.68
Dibromomethane	ND	5.68
Bromodichloromethane	ND	5.68
2-Chloroethyl vinylether	ND	5.68
trans-1,3-Dichloropropene	ND	5.68
cis-1,3-Dichloropropene	ND	5.68
1,1,2-Trichloroethane	ND	5.68
Tetrachloroethene	ND	5.68
1,3-Dichloropropane	ND	5.68
1,1,1,2-Tetrachloroethane	ND	5.68
Dibromochloromethane	ND	5.68
Ethylene Dibromide	ND	5.68
Chlorobenzene	ND	5.68
Bromoform	ND	5.68
1,1,2,2-Tetrachloroethane	ND	5.68
Chlorotoluene	ND	5.68
1,3-Dichlorobenzene	ND	5.68
1,4-Dichlorobenzene	ND	5.68
1,2-Dichlorobenzene	ND	5.68
Benzylchloride	ND	5.68

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	85	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S02D66.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-06	MATRIX:	SOIL
% MOISTURE:	22.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32.3
Chloromethane	ND	32.3
Vinyl Chloride	ND	32.3
Bromomethane	ND	32.3
Chloroethane	ND	32.3
Trichlorofluoromethane	ND	6.47
1,1-Dichloroethene	ND	6.47
Methylene Chloride	ND	32.3
cis-1,2-Dichloroethene	ND	6.47
trans-1,2-Dichloroethene	ND	6.47
1,1-Dichloroethane	ND	6.47
Chloroform	ND	6.47
1,1,1-Trichloroethane	ND	6.47
Carbon Tetrachloride	ND	6.47
1,2-Dichloroethane	ND	6.47
Trichloroethene	77	6.47
1,2-Dichloropropane	ND	6.47
Dibromomethane	ND	6.47
Bromodichloromethane	ND	6.47
2-Chloroethyl vinylether	ND	6.47
trans-1,3-Dichloropropene	ND	6.47
cis-1,3-Dichloropropene	ND	6.47
1,1,2-Trichloroethane	12	6.47
Tetrachloroethene	ND	6.47
1,3-Dichloropropane	ND	6.47
1,1,1,2-Tetrachloroethane	ND	6.47
Dibromochloromethane	ND	6.47
Ethylene Dibromide	ND	6.47
Chlorobenzene	ND	6.47
Bromoform	ND	6.47
1,1,2,2-Tetrachloroethane	ND	6.47
Chlorotoluene	ND	6.47
1,3-Dichlorobenzene	ND	6.47
1,4-Dichlorobenzene	ND	6.47
1,2-Dichlorobenzene	ND	6.47
Benzylchloride	ND	6.47

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	84	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S03D75.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-07	MATRIX:	SOIL
% MOISTURE:	19.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	31.1
Chloromethane	ND	31.1
Vinyl Chloride	ND	31.1
Bromomethane	ND	31.1
Chloroethane	ND	31.1
Trichlorofluoromethane	ND	6.23
1,1-Dichloroethene	ND	6.23
Methylene Chloride	ND	31.1
cis-1,2-Dichloroethene	ND	6.23
trans-1,2-Dichloroethene	ND	6.23
1,1-Dichloroethane	ND	6.23
Chloroform	ND	6.23
1,1,1-Trichloroethane	ND	6.23
Carbon Tetrachloride	ND	6.23
1,2-Dichloroethane	ND	6.23
Trichloroethene	6.3	6.23
1,2-Dichloropropane	ND	6.23
Dibromomethane	ND	6.23
Bromodichloromethane	ND	6.23
2-Chloroethyl vinylether	ND	6.23
trans-1,3-Dichloropropene	ND	6.23
cis-1,3-Dichloropropene	ND	6.23
1,1,2-Trichloroethane	ND	6.23
Tetrachloroethene	ND	6.23
1,3-Dichloropropane	ND	6.23
1,1,1,2-Tetrachloroethane	ND	6.23
Dibromochloromethane	ND	6.23
Ethylene Dibromide	ND	6.23
Chlorobenzene	ND	6.23
Bromoform	ND	6.23
1,1,2,2-Tetrachloroethane	ND	6.23
Chlorotoluene	ND	6.23
1,3-Dichlorobenzene	ND	6.23
1,4-Dichlorobenzene	ND	6.23
1,2-Dichlorobenzene	ND	6.23
Benzylchloride	ND	6.23

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	88	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/19/96
CONTROL NO.:	VAL617B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	25
Chloromethane	ND	25
Vinyl Chloride	ND	25
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	5
1,1-Dichloroethene	ND	5
Methylene Chloride	ND	25
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
2-Chloroethyl vinylether	ND	5
trans-1,3-Dichloropropene	ND	5
cis-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5
1,3-Dichloropropane	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Dibromochloromethane	ND	5
Ethylene Dibromide	ND	5
Chlorobenzene	ND	5
Bromoform	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Chlorotoluene	ND	5
1,3-Dichlorobenzene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
Benzylchloride	ND	5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	119	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK2S	DATE ANALYZED:	02/21/96
CONTROL NO.:	VAL617B3	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	25
Chloromethane	ND	25
Vinyl Chloride	ND	25
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	5
1,1-Dichloroethene	ND	5
Methylene Chloride	ND	25
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
2-Chloroethyl vinylether	ND	5
trans-1,3-Dichloropropene	ND	5
cis-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5
1,3-Dichloropropane	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Dibromochloromethane	ND	5
Ethylene Dibromide	ND	5
Chlorobenzene	ND	5
Bromoform	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Chlorotoluene	ND	5
1,3-Dichlorobenzene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
Benzylchloride	ND	5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	94	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8010
MATRIX: SOIL
MOISTURE: 24.3

BATCH NO.: 96B085
SAMPLE ID: BWBS01S02D71
CONTROL NO.: B085-02

DATE RECEIVED: 02/19/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ACCESSION: 96B085

PARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	330.00	298.00	90	330.00	278.00	84	7	60-140	40
richloroethene	ND	330.00	277.00	84	330.00	274.00	83	1	60-140	40
hlorobenzene	ND	330.00	246.00	75	330.00	236.00	71	4	60-140	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
romofluorobenzene	330.00	336.00	102	330.00	217.00	66	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

IENT: Ogden Environmental
OJECT: Brandywine
METHOD: EPA 8010
ATRIX: SOIL
MOISTURE: NA

BATCH NO.: 968085
AMPLE ID: LCS1S/LCS1SD
ONTROL NO.: VAL617L/C

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/19/96

ACCESSION: 968085

ARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	100.00	111.00	111	100.00	109.00	109	2	70-125	40
richloroethene	ND	100.00	113.00	113	100.00	112.00	112	1	70-125	40
hlorobenzene	ND	100.00	111.00	111	100.00	114.00	114	3	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
romofluorobenzene	250.00	229.00	91	250.00	238.00	95	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

IENT: Ogden Environmental
OJECT: Brandywine
METHOD: EPA 8010
MATRIX: SOIL
MOISTURE: NA

BATCH NO.: 968085
AMPLE ID: LCS2S/LCS2SD
ONTROL NO.: VAL617L2/C2

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ACCESSION: 968085

RAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	100.00	113.50	114	100.00	91.50	92	21	70-125	40
ichloroethene	ND	100.00	104.00	104	100.00	97.50	98	6	70-125	40
lorobenzene	ND	100.00	101.00	101	100.00	94.00	94	7	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
omofluorobenzene	250.00	209.00	84	250.00	172.00	69	60-140

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S01D10.0	DATE ANALYZED:	02/21/96
CONTROL NO.:	B085-01	MATRIX:	SOIL
% MOISTURE:	8.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.48
Toluene	ND	5.48
Ethylbenzene	ND	5.48
Total Xylenes	ND	16.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S02D71	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-02	MATRIX:	SOIL
% MOISTURE:	24.3	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.61
Toluene	ND	6.61
Ethylbenzene	ND	6.61
Total Xylenes	ND	19.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	45+	60-140

MDL: Method Detection Limit
+ : Out of QC limits, sample was reanalyzed on 02/22/96.

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS01S02D71	DATE ANALYZED:	02/22/96
CONTROL NO.:	B085-02R	MATRIX:	SOIL
% MOISTURE:	24.3	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.61
Toluene	ND	6.61
Ethylbenzene	ND	6.61
Total Xylenes	ND	19.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	43+	60-140

MDL: Method Detection Limit
+ : Out of QC limits on reanalysis run

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S01D11.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-03	MATRIX:	SOIL
% MOISTURE:	14.0	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.81
Toluene	ND	5.81
Ethylbenzene	ND	5.81
Total Xylenes	ND	17.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/17/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS02S02D56.0	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-04	MATRIX:	SOIL
% MOISTURE:	24.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.59
Toluene	ND	6.59
Ethylbenzene	ND	6.59
Total Xylenes	ND	19.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S01D10.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-05	MATRIX:	SOIL
% MOISTURE:	11.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.68
Toluene	ND	5.68
Ethylbenzene	ND	5.68
Total Xylenes	ND	17

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S02D66.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-06	MATRIX:	SOIL
% MOISTURE:	22.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.47
Toluene	ND	6.47
Ethylbenzene	ND	6.47
Total Xylenes	ND	19.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	52+	60-140

MDL: Method Detection Limit
+ : Out of QC limits, sample was reanalyzed on 02/22/96.

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S02D66.5	DATE ANALYZED:	02/22/96
CONTROL NO.:	B085-06R	MATRIX:	SOIL
% MOISTURE:	22.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.47
Toluene	ND	6.47
Ethylbenzene	ND	6.47
Total Xylenes	ND	19.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	45+	60-140

MDL: Method Detection Limit
+ : Out of QC limits on reanalysis run

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/18/96
PROJECT:	Brandywine	DATE RECEIVED:	02/19/96
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	BWBS03S03D75.5	DATE ANALYZED:	02/20/96
CONTROL NO.:	B085-07	MATRIX:	SOIL
% MOISTURE:	19.7	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.23
Toluene	ND	6.23
Ethylbenzene	ND	6.23
Total Xylenes	ND	18.7

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	67	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/19/96
CONTROL NO.:	VAL617B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	77	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B085	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK2S	DATE ANALYZED:	02/21/96
CONTROL NO.:	VAL617B3	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

IENT: Ogden Environmental
OJECT: Brandywine
METHOD: EPA 8020
MATRIX: SOIL
MOISTURE: 24.3

BATCH NO.: 96B085
AMPLE ID: BWBS01S02D71
ONTROL NO.: B085-02

DATE RECEIVED: 02/19/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ACCESSION: 96B085

ARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	330.00	240.00	73	330.00	238.00	72	1	60-140	40
oluene	ND	330.00	221.00	67	330.00	221.00	67	0	60-140	40
thylbenzene	ND	330.00	223.00	68	330.00	221.00	67	1	60-140	40
otal Xylenes	ND	991.00	614.00	62	991.00	620.00	63	1	60-140	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
romofluorobenzene	330.00	221.00	67	330.00	217.00	66	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8020
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 96B085
SAMPLE ID: LCS1S/LCS1SD
CONTROL NO.: VAL617L/C

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/19/96

ACCESSION: 96B085

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	85.00	85	100.00	86.00	86	1	70-125	40
Toluene	ND	100.00	87.00	87	100.00	88.00	88	1	70-125	40
Ethylbenzene	ND	100.00	97.00	97	100.00	98.00	98	1	70-125	40
Total Xylenes	ND	300.00	233.00	78	300.00	237.00	79	1	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
Bromofluorobenzene	250.00	244.00	98	250.00	255.00	102	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

[redacted]IENT: Ogden Environmental
[redacted]OJECT: Brandywine
METHOD: EPA 8020
MATRIX: SOIL
[redacted] MOISTURE: NA

BATCH NO.: 96B085
[redacted]MPLE ID: LCS2S/LCS2SD
[redacted]NTROL NO.: VAL617L2/C2

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/21/96

ACCESSION: 96B085

[redacted]ARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	84.00	84	100.00	80.00	80	5	70-125	40
[redacted]oluene	ND	100.00	84.50	84	100.00	78.00	78	8	70-125	40
[redacted]thylbenzene	ND	100.00	93.00	93	100.00	85.00	85	9	70-125	40
[redacted]otal Xylenes	ND	300.00	223.00	74	300.00	216.00	72	3	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
[redacted]romofluorobenzene	250.00	227.00	91	250.00	186.00	74	60-140

STERLING
Analytical Laboratory



CKY Inc. Analytical Laboratories
630 Maple Avenue
Torrance, CA 90503

Attn: Cecilia Chavez

February 26, 1996

Job No.: 0691081.00
Project No.: 95B085
Project Name: Ogden
Folder No.: 4307

LABORATORY REPORT

Samples: Seven (7) soil samples from 95B085-Odgen, collected on 02/17/96 and 02/18/96 and received on 02/20/96.

Sample ID	TOC (Walkley Black) %
96B085-01	0.201
96B085-02	0.354
96B085-03	0.078
96B085-04	0.059
96B085-05	0.171
96B085-06	0.038
96B085-07	0.032
Reporting Limit	0.010
Date Analyzed	02/23/96

Reviewed by | **Approved by**

2860 Walnut Avenue
Long Beach, CA 90806-1834

(800) 366-9324 • (310) 595-9324
(310) 595-6709 FAX

STERLING
Analytical Laboratory

Quality Assurance Addendum Report

LAB ID	SYMBOL	TEST	UNITS	QA/QC Results Sample	Dup.	RPD(%)
4307-7	---	TOC	%	0.032	0.027	17

Notes:

Note that Matrix Spikes are not project specific. Therefore, spike information shown on this report may not be from the same project; however, they were analyzed in the same analytical batch.

Definitions:

Spike: A sample from the analytical batch which has been spiked with the parameter(s) of interest at a known concentration and taken through the same preparation and analysis as the samples.

Spike Duplicate: A duplicate of the spiked sample, taken from a separate aliquot of the sample.

RPD: Relative Percent Difference between a Spike and a Spike Duplicate (or a sample and sample duplicate).
RPD = [(Spike-Spk. Dup.)/Mean] * 100

Where the mean is the average spike recovery of the matrix spike and the matrix spike duplicate.

Mean: The average sample results, from both samples and sample duplicates.

Control limits are calculated by Sterling Analytical Laboratory for internal use from existing spike data. Control limits are found by calculating three standard deviations above and below the mean of the population.

C4307.qa

4307

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

DATE: 2-19-96
PAGE 1 OF 1

CLIENT NAME: CKY INC
ADDRESS: 630 MAPLE AVE
TORRANCE CA. 90503
PHONE NO. 310-618-8889 FAX NO. 310-618-0818
PROJECT NAME: 95B085 / OGDEN
SEND REPORT TO: CECILIA CHAVEZ.

C K Y incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

SAMPLER NAME/SIGNATURE

TURN AROUND TIME
NORMAL [X]
RUSH [ ]

4307	SAMPLE NUMBER	SAMPLING DATE/TIME		PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION WATER	SOIL	OTHER	ANALYSES REQUIRED: 418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	TOC
-1	96B085-01	2/17/96	8:30	ICE	4 OZ JAR		X										X
-2	-02		1035														
-3	-03		1305														
-4	-04		1410														
-5	-05	2/18/96	1230														
-6	-06		1351														
-7	-07		1427														

COMMENTS:

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
[signature]	2/20/96	Hao Nguyen	2-20-96				
Company: CKY	Time: 2:00 PM	Company: STERLING LAB	Time: 2:00 PM	Company:	Time:	Company:	Time:

Storage/Disposal of Samples: Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

96B085 L5

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

CLIENT NAME: DON BARRIE C/O OGDEN
ADDRESS: 5510 MOREHOUSE DR. SAN DIEGO, CA 92121
PHONE NO. 619/458-9044 FAX NO. 619/458-8943
PROJECT NAME: BRANDYWINE
SEND REPORT TO: DON BARRIE

DATE: 2/18/96
PAGE 1 OF 1

CKY incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

SAMPLER NAME/SIGNATURE: DON BARRIE

TURN AROUND TIME: NORMAL ☑ RUSH ☐

	SAMPLE NUMBER	SAMPLING DATE/TIME	PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION: WATER	SOIL	OTHER	418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	8021	TOC (9060-Z.2 ASA)
1	BWBS01S01D10.0	2/17@0830				X										X	X
2	BWBS01S02D7'	2/17@1035				X										X	X
3	BWBS02S01D11.0	2/17@1305				X										X	X
4	BWBS02S02D6.0	2/17@1410				X										X	X
5	BWBS03S01D10.5	2/18@1230				X										X	X
6	BWBS03S02D6.5	2/18@1351				X										X	X
7	BWBS03S03D7.5.5	2/18@1427				X										X	X

COMMENTS: T=2'C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
	2/18/96		2/19/96		2-19-96		2-19-96
Company: OGDEN	Time: 2:30	Company:	Time: 8:00	Company:	Time: 1135	Company: CKY	Time: 1135

Storage/Disposal of Samples: Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

CKY INC., ANALYTICAL LABORATORIES, 630 Maple Ave., Torrance, Calif. 90503 Tel. (310) 618-8889 Fax: (310) 618-0818

CKY

SAMPLE RECEIPT FORM

CONTROL NO.	96BO85
CLIENT	ODGEN
PROJECT	BRANDYWINE

DATE	02-19-96
TIME	11:35 AM
RECIPIENT	C. TIANGCO

SAMPLE TRANSPORTATION TO CKY LABORATORY:	BY	ON(DATE)	AT(TIME)	FROM(SITE/CO.)	COMMENTS
PICKED-UP BY CKY COURIER					
DELIVERED BY CLIENT ✓					
SHIPPED/AIRBILL NO: AM-PM DELIVERY #402804 SEE THE RECEIPT					

SAMPLE BATCH PACKAGING/SEALING UPON RECEIPT:	NO CONTAINER	✓ INTACT	DAMAGED	NOT SEALED	✓ SEALED

CONTAINER:	INSIDE TEMPERATURE: 2° C		CUSTODY SEAL /OTHER SEAL		LOCATION	NUMBER
✓ COOLER	PACKAGING	TYPE	SUFFICIENCY	✓ INTACT	DAMAGED	FRONT CLOSURE	1
BOX	INSULATION:		OK	NAME:	SEE COC		
OTHER:	ICE/COOLANT:	BLUE	↓	DATE:			
	PACKING MATERIAL:	NONE	↓	TIME:			

SAMPLE DOCUMENTATION/CHAIN-OF-CUSTODY(COC)	NONE	✓ HANDCARRIED	ENCLOSED	FAXED	SEALED

SAMPLE LOG-IN:	CRITERIA	COMMENTS	DISCREPANCY
SAMPLE CUSTODY SEAL	EVERY SAMPLE	NONE	
CONTAINER TYPE/MATERIAL	APPROPRIATE	OK	
SAMPLE AMOUNT	ENOUGH		
SAMPLE PRESERVATION/HOLDING TIME	SUFFICIENT		
HEADSPACE/BUBBLES	ZERO/NONE		
SAMPLE LABEL INFORMATION	SUFFICIENT	SEE BELOW	
CHAIN-OF-CUSTODY INFORMATION	SUFFICIENT		

SAMPLE INFO.:	SAMPLE ID	DATE	TIME	SIGNATURE	ANALYSES	PRESERVATIVE	CONTAINER
INDIVIDUAL SAMPLE CONTAINER:		✓ NONE	PLASTIC BAG	CAN	OTHER(SPECIFY):		SEALED

SAMPLE NUMBER	CLIENT ID	DISCREPANCY	ACTION
ALL		SAMPLE LABELS NOT GOOD & WET - WIPES OUT EASILY	will inform client.
+	BWBS		
-1	BWBS0150 1 D10D	NOT REC'D BUT REC'D SAMPLE W/ DD ASSBS0150 1 D10.0	Pls. add BW

CLIENT SERVICES COPY RECEIVED BY	Cristi 2/19	DATE		TIME	

C K Y incorporated
Analytical Laboratories

Date: 02-22-1996
CKY Batch No.: 96B042

Attn: Don Barrie

Ogden Environmental
5510 Morehouse Drive
San Diego, CA 92121

Subject: Laboratory Report
Project: Chula Vista

Enclosed is the Laboratory report for samples received on 02/12/96. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
BWB505S01D10.0	B042-01	Soil	EPA 8010 EPA 8020 TOC
BWB505S04D85.5	B042-02	Soil	EPA 8010 EPA 8020 TOC
BWB505S05D91	B042-03	Soil	EPA 8010 EPA 8020 TOC
BWB504S01D26.5	B042-04	Soil	EPA 8010 EPA 8020 TOC
BWB504S02D76.5	B042-05	Soil	EPA 8010 EPA 8020 TOC
BWB504S03D86.0	B042-06	Soil	EPA 8010 EPA 8020 TOC

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Pang

Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S01D10.0	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-01	MATRIX:	SOIL
% MOISTURE:	8.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	27.4
Chloromethane	ND	27.4
Vinyl Chloride	ND	27.4
Bromomethane	ND	27.4
Chloroethane	ND	27.4
Trichlorofluoromethane	ND	5.49
1,1-Dichloroethene	ND	5.49
Methylene Chloride	ND	27.4
cis-1,2-Dichloroethene	ND	5.49
trans-1,2-Dichloroethene	ND	5.49
1,1-Dichloroethane	ND	5.49
Chloroform	ND	5.49
1,1,1-Trichloroethane	ND	5.49
Carbon Tetrachloride	ND	5.49
1,2-Dichloroethane	ND	5.49
Trichloroethene	ND	5.49
1,2-Dichloropropane	ND	5.49
Dibromomethane	ND	5.49
Bromodichloromethane	ND	5.49
2-Chloroethyl vinylether	ND	5.49
trans-1,3-Dichloropropene	ND	5.49
cis-1,3-Dichloropropene	ND	5.49
1,1,2-Trichloroethane	ND	5.49
Tetrachloroethene	ND	5.49
1,3-Dichloropropane	ND	5.49
1,1,1,2-Tetrachloroethane	ND	5.49
Dibromochloromethane	ND	5.49
Ethylene Dibromide	ND	5.49
Chlorobenzene	ND	5.49
Bromoform	ND	5.49
1,1,2,2-Tetrachloroethane	ND	5.49
Chlorotoluene	ND	5.49
1,3-Dichlorobenzene	ND	5.49
1,4-Dichlorobenzene	ND	5.49
1,2-Dichlorobenzene	ND	5.49
Benzylchloride	ND	5.49

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	108	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S04D85.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-02	MATRIX:	SOIL
% MOISTURE:	23.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32.5
Chloromethane	ND	32.5
Vinyl Chloride	ND	32.5
Bromomethane	ND	32.5
Chloroethane	ND	32.5
Trichlorofluoromethane	ND	6.5
1,1-Dichloroethene	ND	6.5
Methylene Chloride	ND	32.5
cis-1,2-Dichloroethene	ND	6.5
trans-1,2-Dichloroethene	ND	6.5
1,1-Dichloroethane	ND	6.5
Chloroform	ND	6.5
1,1,1-Trichloroethane	ND	6.5
Carbon Tetrachloride	ND	6.5
1,2-Dichloroethane	ND	6.5
Trichloroethene	ND	6.5
1,2-Dichloropropane	ND	6.5
Dibromomethane	ND	6.5
Bromodichloromethane	ND	6.5
2-Chloroethyl vinylether	ND	6.5
trans-1,3-Dichloropropene	ND	6.5
cis-1,3-Dichloropropene	ND	6.5
1,1,2-Trichloroethane	ND	6.5
Tetrachloroethene	ND	6.5
1,3-Dichloropropane	ND	6.5
1,1,1,2-Tetrachloroethane	ND	6.5
Dibromochloromethane	ND	6.5
Ethylene Dibromide	ND	6.5
Chlorobenzene	ND	6.5
Bromoform	ND	6.5
1,1,2,2-Tetrachloroethane	ND	6.5
Chlorotoluene	ND	6.5
1,3-Dichlorobenzene	ND	6.5
1,4-Dichlorobenzene	ND	6.5
1,2-Dichlorobenzene	ND	6.5
Benzylchloride	ND	6.5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	108	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S05D91	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-03	MATRIX:	SOIL
% MOISTURE:	20.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	31.3
Chloromethane	ND	31.3
Vinyl Chloride	ND	31.3
Bromomethane	ND	31.3
Chloroethane	ND	31.3
Trichlorofluoromethane	ND	6.26
1,1-Dichloroethene	ND	6.26
Methylene Chloride	ND	31.3
cis-1,2-Dichloroethene	ND	6.26
trans-1,2-Dichloroethene	ND	6.26
1,1-Dichloroethane	ND	6.26
Chloroform	ND	6.26
1,1,1-Trichloroethane	ND	6.26
Carbon Tetrachloride	ND	6.26
1,2-Dichloroethane	ND	6.26
Trichloroethene	ND	6.26
1,2-Dichloropropane	ND	6.26
Dibromomethane	ND	6.26
Bromodichloromethane	ND	6.26
2-Chloroethyl vinylether	ND	6.26
trans-1,3-Dichloropropene	ND	6.26
cis-1,3-Dichloropropene	ND	6.26
1,1,2-Trichloroethane	ND	6.26
Tetrachloroethene	ND	6.26
1,3-Dichloropropane	ND	6.26
1,1,1,2-Tetrachloroethane	ND	6.26
Dibromochloromethane	ND	6.26
Ethylene Dibromide	ND	6.26
Chlorobenzene	ND	6.26
Bromoform	ND	6.26
1,1,2,2-Tetrachloroethane	ND	6.26
Chlorotoluene	ND	6.26
1,3-Dichlorobenzene	ND	6.26
1,4-Dichlorobenzene	ND	6.26
1,2-Dichlorobenzene	ND	6.26
Benzylchloride	ND	6.26

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S01D26.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-04	MATRIX:	SOIL
% MOISTURE:	6.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	26.8
Chloromethane	ND	26.8
Vinyl Chloride	ND	26.8
Bromomethane	ND	26.8
Chloroethane	ND	26.8
Trichlorofluoromethane	ND	5.35
1,1-Dichloroethene	ND	5.35
Methylene Chloride	ND	26.8
cis-1,2-Dichloroethene	ND	5.35
trans-1,2-Dichloroethene	ND	5.35
1,1-Dichloroethane	ND	5.35
Chloroform	ND	5.35
1,1,1-Trichloroethane	ND	5.35
Carbon Tetrachloride	ND	5.35
1,2-Dichloroethane	ND	5.35
Trichloroethene	ND	5.35
1,2-Dichloropropane	ND	5.35
Dibromomethane	ND	5.35
Bromodichloromethane	ND	5.35
2-Chloroethyl vinylether	ND	5.35
trans-1,3-Dichloropropene	ND	5.35
cis-1,3-Dichloropropene	ND	5.35
1,1,2-Trichloroethane	ND	5.35
Tetrachloroethene	ND	5.35
1,3-Dichloropropane	ND	5.35
1,1,1,2-Tetrachloroethane	ND	5.35
Dibromochloromethane	ND	5.35
Ethylene Dibromide	ND	5.35
Chlorobenzene	ND	5.35
Bromoform	ND	5.35
1,1,2,2-Tetrachloroethane	ND	5.35
Chlorotoluene	ND	5.35
1,3-Dichlorobenzene	ND	5.35
1,4-Dichlorobenzene	ND	5.35
1,2-Dichlorobenzene	ND	5.35
Benzylchloride	ND	5.35

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	104	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S02D76.5	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-05	MATRIX:	SOIL
% MOISTURE:	21.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	32
Chloromethane	ND	32
Vinyl Chloride	ND	32
Bromomethane	ND	32
Chloroethane	ND	32
Trichlorofluoromethane	ND	6.4
1,1-Dichloroethene	ND	6.4
Methylene Chloride	ND	32
cis-1,2-Dichloroethene	ND	6.4
trans-1,2-Dichloroethene	ND	6.4
1,1-Dichloroethane	ND	6.4
Chloroform	ND	6.4
1,1,1-Trichloroethane	ND	6.4
Carbon Tetrachloride	ND	6.4
1,2-Dichloroethane	ND	6.4
Trichloroethene	ND	6.4
1,2-Dichloropropane	ND	6.4
Dibromomethane	ND	6.4
Bromodichloromethane	ND	6.4
2-Chloroethyl vinylether	ND	6.4
trans-1,3-Dichloropropene	ND	6.4
cis-1,3-Dichloropropene	ND	6.4
1,1,2-Trichloroethane	ND	6.4
Tetrachloroethene	ND	6.4
1,3-Dichloropropane	ND	6.4
1,1,1,2-Tetrachloroethane	ND	6.4
Dibromochloromethane	ND	6.4
Ethylene Dibromide	ND	6.4
Chlorobenzene	ND	6.4
Bromoform	ND	6.4
1,1,2,2-Tetrachloroethane	ND	6.4
Chlorotoluene	ND	6.4
1,3-Dichlorobenzene	ND	6.4
1,4-Dichlorobenzene	ND	6.4
1,2-Dichlorobenzene	ND	6.4
Benzylchloride	ND	6.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	110	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S03D86.0	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-06	MATRIX:	SOIL
% MOISTURE:	26.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	34.1
Chloromethane	ND	34.1
Vinyl Chloride	ND	34.1
Bromomethane	ND	34.1
Chloroethane	ND	34.1
Trichlorofluoromethane	ND	6.81
1,1-Dichloroethene	ND	6.81
Methylene Chloride	ND	34.1
cis-1,2-Dichloroethene	ND	6.81
trans-1,2-Dichloroethene	ND	6.81
1,1-Dichloroethane	15	6.81
Chloroform	ND	6.81
1,1,1-Trichloroethane	ND	6.81
Carbon Tetrachloride	ND	6.81
1,2-Dichloroethane	ND	6.81
Trichloroethene	240	6.81
1,2-Dichloropropane	ND	6.81
Dibromomethane	ND	6.81
Bromodichloromethane	ND	6.81
2-Chloroethyl vinylether	ND	6.81
trans-1,3-Dichloropropene	ND	6.81
cis-1,3-Dichloropropene	ND	6.81
1,1,2-Trichloroethane	12	6.81
Tetrachloroethene	11	6.81
1,3-Dichloropropane	ND	6.81
1,1,1,2-Tetrachloroethane	ND	6.81
Dibromochloromethane	ND	6.81
Ethylene Dibromide	ND	6.81
Chlorobenzene	ND	6.81
Bromoform	ND	6.81
1,1,2,2-Tetrachloroethane	ND	6.81
Chlorotoluene	ND	6.81
1,3-Dichlorobenzene	ND	6.81
1,4-Dichlorobenzene	12	6.81
1,2-Dichlorobenzene	9.0	6.81
Benzylchloride	ND	6.81

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	119	60-140

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Chula Vista	DATE RECEIVED:	NA
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/12/96
CONTROL NO.:	VAL587B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Dichlorodifluoromethane	ND	25
Chloromethane	ND	25
Vinyl Chloride	ND	25
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	5
1,1-Dichloroethene	ND	5
Methylene Chloride	ND	25
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
2-Chloroethyl vinylether	ND	5
trans-1,3-Dichloropropene	ND	5
cis-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5
1,3-Dichloropropane	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Dibromochloromethane	ND	5
Ethylene Dibromide	ND	5
Chlorobenzene	ND	5
Bromoform	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Chlorotoluene	ND	5
1,3-Dichlorobenzene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
Benzylchloride	ND	5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	115	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

IENT: Ogden Environmental
OJECT: Chula Vista
ETHOD: EPA 8010
MATRIX: SOIL
% MOISTURE: 8.9

BATCH NO.: 968042
SAMPLE ID: BWB505S01D10.0
ONTROL NO.: B042-01

DATE RECEIVED: 02/12/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/12/96

CCESSION: 968042

RAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	274.00	284.00	103	274.00	277.00	101	3	60-140	40
Trichloroethene	ND	274.00	282.00	103	274.00	280.00	102	0	60-140	40
lorobenzene	ND	274.00	302.00	110	274.00	302.00	110	0	60-140	40

RROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
Bromofluorobenzene	274.00	279.00	102	274.00	292.00	106	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Chula Vista
METHOD: EPA 8010
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 968042
SAMPLE ID: LCS1S/LCS1SD
CONTROL NO.: VAL587L/C

ACCESSION: 968042

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/12/96

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
1,1-Dichloroethene	ND	100.00	123.00	123	100.00	122.00	122	1	70-125	40
Trichloroethene	ND	100.00	119.00	119	100.00	124.00	124	4	70-125	40
Chlorobenzene	ND	100.00	121.00	121	100.00	119.00	119	2	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
Bromofluorobenzene	250.00	259.00	104	250.00	240.00	96	60-140

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S01D10.0	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-01	MATRIX:	SOIL
% MOISTURE:	8.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.49
Toluene	ND	5.49
Ethylbenzene	ND	5.49
Total Xylenes	ND	16.5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S04D85.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-02	MATRIX:	SOIL
% MOISTURE:	23.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.5
Toluene	ND	6.5
Ethylbenzene	ND	6.5
Total Xylenes	ND	19.5

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S05D91	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-03	MATRIX:	SOIL
% MOISTURE:	20.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.26
Toluene	ND	6.26
Ethylbenzene	ND	6.26
Total Xylenes	ND	18.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	40+	60-140

MDL: Method Detection Limit
+ : Outside QC limits, sample was reanalyzed on 02/14/96.

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/10/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB505S05D91	DATE ANALYZED:	02/14/96
CONTROL NO.:	B042-03R	MATRIX:	SOIL
% MOISTURE:	20.1	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.26
Toluene	ND	6.26
Ethylbenzene	ND	6.26
Total Xylenes	ND	18.8

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	50+	60-140

MDL: Method Detection Limit
+ : Outside QC limits on the reanalysis run

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S01D26.5	DATE ANALYZED:	02/12/96
CONTROL NO.:	B042-04	MATRIX:	SOIL
% MOISTURE:	6.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5.35
Toluene	ND	5.35
Ethylbenzene	ND	5.35
Total Xylenes	ND	16.1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S02D76.5	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-05	MATRIX:	SOIL
% MOISTURE:	21.9	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.4
Toluene	ND	6.4
Ethylbenzene	ND	6.4
Total Xylenes	ND	19.2

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/11/96
PROJECT:	Chula Vista	DATE RECEIVED:	02/12/96
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	BWB504S03D86.0	DATE ANALYZED:	02/13/96
CONTROL NO.:	B042-06	MATRIX:	SOIL
% MOISTURE:	26.6	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	6.81
Toluene	ND	6.81
Ethylbenzene	ND	6.81
Total Xylenes	ND	20.4

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Chula Vista	DATE RECEIVED:	NA
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1S	DATE ANALYZED:	02/12/96
CONTROL NO.:	VAL587B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	71	60-140

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Chula Vista	DATE RECEIVED:	NA
BATCH NO.:	96B042	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK2S	DATE ANALYZED:	02/14/96
CONTROL NO.:	VAL597B	MATRIX:	SOIL
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/kg)	MDL (ug/kg)
Benzene	ND	5
Toluene	ND	5
Ethylbenzene	ND	5
Total Xylenes	ND	15

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	60-140

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Chula Vista
METHOD: EPA 8020
MATRIX: SOIL
% MOISTURE: 8.9

BATCH NO.: 968042
SAMPLE ID: BWB505S01D10.0
CONTROL NO.: 8042-01

DATE RECEIVED: 02/12/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/13/96

ACCESSION: 968042

PARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	274.00	228.00	83	274.00	226.00	82	1	60-140	40
Toluene	ND	274.00	223.00	81	274.00	223.00	81	0	60-140	40
Ethylbenzene	ND	274.00	237.00	86	274.00	237.00	86	0	60-140	40
Total Xylenes	ND	823.00	597.00	73	823.00	598.00	73	0	60-140	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT %
Bromofluorobenzene	274.00	284.00	104	274.00	278.00	101	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Chula Vista
METHOD: EPA 8020
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 968042
SAMPLE ID: LCS1S/LCS1SD
CONTROL NO.: VAL587L/C

ACCESSION: 968042

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/12/96

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	88.50	88	100.00	88.00	88	1	70-125	40
Toluene	ND	100.00	90.00	90	100.00	89.00	89	1	70-125	40
Ethylbenzene	ND	100.00	100.50	101	100.00	104.00	104	2	70-125	40
Total Xylenes	ND	300.00	248.00	83	300.00	261.00	87	5	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
Bromofluorobenzene	250.00	252.00	101	250.00	249.00	100	60-140

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

IENT: Ogden Environmental
OJECT: Chula Vista
METHOD: EPA 8020
MATRIX: SOIL
MOISTURE: NA

BATCH NO.: 96B042
SAMPLE ID: LCS2S/LCS2SD
ONTROL NO.: VAL597L/C

ACCESSION: 96B042

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/14/96

RAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	100.00	90.00	90	100.00	87.00	87	3	70-125	40
Toluene	ND	100.00	91.50	92	100.00	88.50	88	3	70-125	40
thylbenzene	ND	100.00	88.50	89	100.00	96.50	97	9	70-125	40
otal Xylenes	ND	300.00	240.00	80	300.00	232.00	77	4	70-125	40

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT %
romofluorobenzene	250.00	246.00	99	250.00	244.00	98	60-140

STERLING

Analytical Laboratory



CKY Inc. Analytical Laboratories
630 Maple Avenue
Torrance, CA 90503

Attn: Dr. W. Nisamaneepong

February 21, 1996

Job No.: 0691081.00
Project Name: Ogden
Folder No.: 4270

LABORATORY REPORT

Samples: Six (6) soil samples from 96B042-Odgen, collected on 02/10/96 and 02/11/96 and received on 02/12/96.

Sample ID	TOC (Walkley Black) %
96B042-1	0.027
96B042-2	0.011
96B042-3	0.072
96B042-4	0.079
96B042-5	0.019
96B042-6	0.015
Reporting Limit	0.010
Date Analyzed	02/20/96

Reviewed by | **Approved by**

2860 Walnut Avenue
Long Beach, CA 90806-1834

(800) 366-9324 • (310) 595-9324
(310) 595-6709 FAX

STERLING
Analytical Laboratory

Quality Assurance Addendum Report

LAB ID	SYMBOL	TEST	UNITS	QA/QC Results Sample	Dup.	RPD(%)
4270-6	---	TOC	%	0.015	0.011	28

Notes:

Note that Matrix Spikes are not project specific. Therefore, spike information shown on this report may not be from the same project; however, they were analyzed in the same analytical batch.

Definitions:

Spike: A sample from the analytical batch which has been spiked with the parameter(s) of interest at a known concentration and taken through the same preparation and analysis as the samples.

Spike Duplicate: A duplicate of the spiked sample, taken from a separate aliquot of the sample.

RPD: Relative Percent Difference between a Spike and a Spike Duplicate (or a sample and sample duplicate).
RPD = [(Spike-Spk. Dup.)/Mean] * 100

Where the mean is the average spike recovery of the matrix spike and the matrix spike duplicate.

Mean: The average sample results, from both samples and sample duplicates.

Control limits are calculated by Sterling Analytical Laboratory for internal use from existing spike data. Control limits are found by calculating three standard deviations above and below the mean of the population.

C4270.qa

4270

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

DATE: _____

PAGE ____ OF ____

CKY incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

CLIENT
NAME: CKY INC. ANALYTICAL LAB.
ADDRESS: 630 MAPLE AVE.
TORRANCE, CA 90503
PHONE NO. (310) 618-8889 FAX NO. (310) 618-0818
PROJECT NAME: 96B042 - OGDEN
SEND REPORT TO: DR. W. NISAMANEEPONG

SAMPLER NAME/SIGNATURE

TURN AROUND TIME
NORMAL ☑
RUSH ☐

4270

	SAMPLE NUMBER	SAMPLING DATE/TIME		PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION WATER	SOIL	OTHER	418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	TOC EPA METHOD 9D-3,2 ASTM								
-1	96B042- 1	2/10/96	0930				X										X								
-2	2		1130				X										X								
-3	3		1220				X										X								
-4	4	2/11/96	0940				X										X								
-5	5		1142				X										X								
-6	6		1325				X										X								

COMMENTS:

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
Company: CKY	Time: 1345	Company: STERLING LAB	Time: 1345	Company:	Time:	Company:	Time:

Storage/Disposal of Samples. Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

Analytical Technologies, Inc.
5550 MOREHOUSE DRIVE
SAN DIEGO, CA 92121-1709
(619) 458-9141

Chain of Custody

96B042 01

DATE 2/11/96 PAGE 1 OF 1

PROJECT MANAGER: DON BARRIE
COMPANY: OGDEN ENVIRONMENTAL
ADDRESS: 5510 MOREHOUSE DR. SAN DIEGO, CA 92121

BILL TO: SAME AS ABOVE
COMPANY:
ADDRESS:

SAMPLERS: (Signature)
(619) 458-9044 PHONE NUMBER

	SAMPLE ID	SAMPLE DATE	TIME	MATRIX	LAB ID
1	BWB5Φ5S01D10.0	2/10/96	093Φ	SOIL	
2	BWB5Φ5SΦ4D85.5	↓	113Φ	↓	
3	BWB5Φ5SΦ5D91	↓	122Φ	↓	
4	BWB5Φ4SΦ1D26.5	2/11/96	094Φ	SOIL	
5	BWB5Φ4SΦ2D76.5	↓	1142	↓	
6	BWB5Φ4SΦ3D86.0	↓	1325	↓	

Recommended Quantity and Preservative (Provide triple volume on QC Samples)

Petroleum Hydrocarbons 418.1	Oil and Grease 413.2	Gasoline (MOD 8015/DOHS)	Diesel (MOD 8015/DOHS)	Gasoline/BTXE (MOD 8015/8020) Maximum Contamination Level of Gasoline: 2ppm (water), 50ppm (Soil)	MOD 8015 (Unknown)	BTXE (8020)	Chlorinated Hydrocarbons (8010)	Aromatic Hydrocarbons (8020)	Chlorinated/Aromatic Hydrocarbons (8010/8020)	Organic Pb		Pesticides/PCB (8080)	Base/NEU/Acid Cmpds GC/MS (8270)	Volatile Cmpds GC/MS (8240)	Polynuclear Aromatic (8310)	CCR Metals	Priority Pollutant Metals	TOC (EPA METHOD 9D-3.2 ASA								Number of Containers
1L (H_2SO_4)/100g	1L (H_2SO_4)/100g	4 oz (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	500ml/50g		1L/50g	1L/100g	2X40ml (HCl)/100g	1L/100g	500ml/100g	500ml/100g									
									X								X	X								1
									X								X	X								1
									X								X	X								1
									X								X	X								1
									X								X	X								1
									X								X	X								1

PROJECT INFORMATION	SAMPLE RECEIPT
PROJECT NUMBER: 57092044	TOTAL NUMBER OF CONTAINERS
PROJECT NAME: CITICORP	CHAIN OF CUSTODY SEALS Y/N/NA
PURCHASE ORDER NUMBER:	SEALS INTACT? Y/N/NA
VIA: COURIER	RECEIVED GOOD COND/COLD
TAT: ☐24HR ☐48HRS ☐72HRS ☐1WK ☑2WK	LAB NUMBER

SAMPLE DISPOSAL INSTRUCTIONS

☑ ~~All~~ Disposal @ ~~Sea Beach~~ ☐ Return ☐ Pickup

Comments:

T = 4°C.

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: 19:10	Signature: Time:	Signature: Time:
Printed Name: Date: DON BARRIE 2/11/96	Printed Name: Date:	Printed Name: Date:
Company: OGDEN	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: (LAB) 3.**
Signature: Time:	Signature: Time:	Signature: Time:
Printed Name: Date:	Printed Name: Date:	Printed Name: Date:
Company:	Company:	Analytical Technologies, Inc.

DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

CKY INC., ANALYTICAL LABORATORIES, 630 Maple Ave., Torrance, Calif. 90503 Tel. (310) 618-8889 Fax: (310) 618-0818

SAMPLE RECEIPT FORM

CONTROL NO.	96B042
CLIENT	OGDEN
PROJECT	CHULA VISTA

DATE	02-12-96
TIME	11:16 AM
RECIPIENT	C. TIANGCO

SAMPLE TRANSPORTATION TO CKY LABORATORY:	BY	ON(DATE)	AT(TIME)	FROM(SITE/CO.)	COMMENTS
PICKED-UP BY CKY COURIER					
DELIVERED BY CLIENT ✓					
SHIPPED/AIRBILL NO AM - PM DEL > 397328	SEE RECEIPT				

SAMPLE BATCH PACKAGING/SEALING UPON RECEIPT:	___ NO CONTAINER	✓ INTACT	___ DAMAGED	___ NOT SEALED	✓ SEALED

CONTAINER:	INSIDE TEMPERATURE: 4° C			CUSTODY SEAL /OTHER SEAL		LOCATION	NUMBER
✓ COOLER	PACKAGING	TYPE	SUFFICIENCY	✓ INTACT	___ DAMAGED		
___ BOX	INSULATION:		OK	NAME:		AROUND CLOSURE	1
___ OTHER:	ICE/COOLANT:	BLUE ICE	↓	DATE:			
_____	PACKING MATERIAL:	NONE	↓	TIME:			

SAMPLE DOCUMENTATION/CHAIN-OF-CUSTODY(COC)	___ NONE	✓ HANDCARRIED	___ ENCLOSED	___ FAXED	___ SEALED

SAMPLE LOG-IN:	CRITERIA	COMMENTS	DISCREPANCY
SAMPLE CUSTODY SEAL	EVERY SAMPLE	NONE	
CONTAINER TYPE/MATERIAL	APPROPRIATE	OK	
SAMPLE AMOUNT	ENOUGH	↓	
SAMPLE PRESERVATION/HOLDING TIME	SUFFICIENT	↓	
HEADSPACE/BUBBLES	ZERO/NONE	↓	
SAMPLE LABEL INFORMATION	SUFFICIENT	} SEE BELOW	
CHAIN-OF-CUSTODY INFORMATION	SUFFICIENT	} SEE BELOW	

SAMPLE INFO.:	SAMPLE ID ✓	DATE ✓	TIME ✓	SIGNATURE ✓	ANALYSES ✓	PRESERVATIVE	CONTAINER ✓
INDIVIDUAL SAMPLE CONTAINER:		___ NONE	___ PLASTIC BAG	___ CAN	___ OTHER(SPECIFY): _____		___ SEALED

SAMPLE NUMBER	CLIENT ID	DISCREPANCY	ACTION
		ORIGINAL COC WAS NOT REC'D, ONLY DUPLICATE WAS REC'D	

CLIENT SERVICES COPY RECEIVED BY	[signature] 2/12	DATE		TIME	

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW01-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-01	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	87	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	13	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	68	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW02-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-02	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	19	1
Methylene Chloride	55	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	1.6	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW03-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-03	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	22	1
Methylene Chloride	68	5
cis-1,2-Dichloroethene	11	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	60	1
Chloroform	16	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	4.3	1
Trichloroethene	400	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	31	1
Tetrachloroethene	26	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	76	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW05-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-04	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	30	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	3.0	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	67	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW04-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-05	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	67	1
Methylene Chloride	79	5
cis-1,2-Dichloroethene	11	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	76	1
Chloroform	16	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	24	1
Trichloroethene	720	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	47	1
Tetrachloroethene	56	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	80	65-135

MDL: Method Detection Limit

EPA METHOD 8010
HALOGENATED VOLATILE ORGANICS

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1W	DATE ANALYZED:	03/10/96
CONTROL NO.:	VAL687B	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Dichlorodifluoromethane	ND	5
Chloromethane	ND	5
Vinyl Chloride	ND	5
Bromomethane	ND	5
Chloroethane	ND	5
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
cis-1,2-Dichloroethene	ND	1
trans-1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
2-Chloroethyl vinylether	ND	1
trans-1,3-Dichloropropene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1
Tetrachloroethene	ND	1
1,3-Dichloropropane	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Dibromochloromethane	ND	1
Ethylene Dibromide	ND	1
Chlorobenzene	ND	1
Bromoform	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Chlorotoluene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
Benzylchloride	ND	1

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	66	65-135

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

LIENT: Ogden Environmental
ROJECT: Brandywine
METHOD: EPA 8010
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 968134
AMPLE ID: LCS1W/LCS1WD
ONTROL NO.: VAL687LR/CR

ACCESSION: 968134

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/11/96

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
,1-Dichloroethene	ND	20.00	18.70	94	20.00	17.70	88	5	70-125	30
richloroethene	ND	20.00	22.20	111	20.00	20.40	102	8	70-125	30
hlorobenzene	ND	20.00	20.70	104	20.00	21.10	106	2	70-125	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT %
romofluorobenzene	50.00	46.90	94	50.00	48.80	98	65-135

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW01-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-01	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	76	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW02-S01	DATE ANALYZED:	03/10/96
CONTROL NO.:	B134-02	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	65	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW03-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-03	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	100	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW05-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-04	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	1.9	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	67	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MW04-S01	DATE ANALYZED:	03/11/96
CONTROL NO.:	B134-05	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	7.1	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	86	65-135

MDL: Method Detection Limit

EPA METHOD 8020
BTEX

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B134	DATE EXTRACTED:	NA
SAMPLE ID:	MBLK1W	DATE ANALYZED:	03/10/96
CONTROL NO.:	VAL687B	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

PARAMETERS	RESULTS (ug/L)	MDL (ug/L)
Benzene	ND	1
Toluene	ND	1
Ethylbenzene	ND	1
Total Xylenes	ND	3

SURROGATE PARAMETER	% RECOVERY	QC LIMIT
Bromofluorobenzene	70	65-135

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 8020
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 968134
SAMPLE ID: LCS1W/LCS1WD
CONTROL NO.: VAL687LR/CR

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/11/96

ACCESSION: 968134

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Benzene	ND	20.00	17.60	88	20.00	17.60	88	0	70-125	30
Toluene	ND	20.00	18.90	94	20.00	18.70	94	1	70-125	30
Ethylbenzene	ND	20.00	20.50	102	20.00	20.50	102	0	70-125	30
Total Xylenes	ND	60.00	54.10	90	60.00	54.20	90	0	70-125	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT %
Bromofluorobenzene	50.00	50.60	101	50.00	51.50	103	65-135

EPA METHOD 425.1
MBAS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	0.1	1	.1
MW02-S01	B134-02	ND	1	.1
MW03-S01	B134-03	0.76	1	.1
MW05-S01	B134-04	ND	1	.1
MW04-S01	B134-05	0.73	1	.1
MBLK1W	MBB001WB	ND	1	.1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 425.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW02-S01
CONTROL NO.: B134-02

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
MBAS	ND	ND	0	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 425.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW02-S01
CONTROL NO.: B134-02

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
MBAS	ND	.50	.50	100	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 425.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: MBB001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
MBAS	ND	.50	.52	104	85-115

EPA METHOD 180.1
TURBIDITY

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (NTU)	DILUTION FACTOR	MDL (NTU)
MW01-S01	B134-01	303	20	20
MW02-S01	B134-02	258	20	20
MW03-S01	B134-03	3850	200	200
MW05-S01	B134-04	7240	200	200
MW04-S01	B134-05	684	40	40
MBLK1W	TUB004WB	ND	1	1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 180.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW02-S01
CONTROL NO.: B134-02

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (NTU)	DUP. SAMPLE (NTU)	RPD (%)	RPD LIMIT (%)
Turbidity	258.00	269.00	4	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 180.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: TUB004WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (NTU)	SPIKE AMT (NTU)	LCS RSLT (NTU)	LCS % REC	QC LIMIT (%)
Turbidity	ND	4.20	4.10	98	85-115

EPA METHOD 310.1
TOTAL ALKALINITY

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/01/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	212	1	10
MW02-S01	B134-02	526	1	10
MW03-S01	B134-03	450	1	10
MW05-S01	B134-04	104	1	10
MW04-S01	B134-05	580	1	10
MBLK1W	ALC001WB	ND	1	10

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 310.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW05-S01
CONTROL NO.: B134-04

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Alkalinity	104.00	101.00	3	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 310.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW05-S01
CONTROL NO.: B134-04

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Alkalinity	104.00	240.00	323.00	91	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 310.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ALC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Alkalinity	ND	152.00	142.00	93	85-115

EPA METHOD 300
CHLORIDE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/06/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	4140	500	100
MW02-S01	B134-02	598	100	20
MW03-S01	B134-03	5400	1000	200
MW05-S01	B134-04	3330	500	100
MW04-S01	B134-05	2450	500	100
MBLK1W	ICC001WB	ND	1	.2

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Chloride	4140.00	4110.00	1	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ICC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Chloride	ND	5.00	4.58	92	85-115

EPA METHOD 300
SULFATE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/06/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	1800	100	100
MW02-S01	B134-02	358	100	100
MW03-S01	B134-03	1320	100	100
MW05-S01	B134-04	1020	100	100
MW04-S01	B134-05	1800	100	100
MBLK1W	ICC001WB	ND	1	1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Sulfate	1800.00	1790.00	1	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Sulfate	1800.00	1000.00	3050.00	125	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ICC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/06/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Sulfate	ND	10.00	8.80	88	85-115

EPA METHOD 300
NITRATE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/07/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	5.91	25	2.5
MW02-S01	B134-02	17.4	25	2.5
MW03-S01	B134-03	231	100	10
MW05-S01	B134-04	8.57	10	1
MW04-S01	B134-05	228	100	10
MBLK1W	ICC002WB	ND	1	.1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Nitrate	5.91	5.52	7	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Nitrate	5.91	125.00	148.00	114	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ICC002WL
DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Nitrate	ND	5.00	5.10	102	85-115

EPA METHOD 300
FLUORIDE

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/07/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	.81	1	.2
MW02-S01	B134-02	1.57	1	.2
MW03-S01	B134-03	.77	1	.2
MW05-S01	B134-04	.99	1	.2
MW04-S01	B134-05	.71	1	.2
MBLK1W	FLC001WB	ND	1	.2

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW03-S01
CONTROL NO.: B134-03

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Fluoride	.77	.79	3	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134 DATE RECEIVED: 02/28/96
SAMPLE ID: MW03-S01 DATE EXTRACTED: NA
CONTROL NO.: B134-03 DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Fluoride	.77	5.00	5.16	88	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 300
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: FLC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/07/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
Fluoride	ND	20.00	20.50	103	85-115

EPA METHOD 150.1
PH

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/01/96

SAMPLE ID	CONTROL NO	RESULT (pH unit)	DILUTION FACTOR	MDL (pH unit)
MW01-S01	B134-01	7.4	1	.1
MW02-S01	B134-02	7.9	1	.1
MW03-S01	B134-03	7.3	1	.1
MW05-S01	B134-04	7.3	1	.1
MW04-S01	B134-05	7.6	1	.1

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 150.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW05-S01
CONTROL NO.: B134-04

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	SAMPLE (pH unit)	DUP. SAMPLE (pH unit)	RPD (%)	RPD LIMIT (%)
pH	7.30	7.30	0	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 150.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: PHC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/01/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (pH unit)	SPIKE AMT (pH unit)	LCS RSLT (pH unit)	LCS % REC	QC LIMIT (%)
pH	ND	9.08	8.99	99	85-115

EPA METHOD 120.1
ELECTRICAL CONDUCTIVITY

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/04/96

SAMPLE ID	CONTROL NO	RESULT (umhos/cm)	DILUTION FACTOR	MDL (umhos/cm)
MW01-S01	B134-01	11900	1	.5
MW02-S01	B134-02	3720	1	.5
MW03-S01	B134-03	16700	1	.5
MW05-S01	B134-04	9740	1	.5
MW04-S01	B134-05	10800	1	.5

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 120.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134

PARAMETER	SAMPLE (umhos/cm)	DUP. SAMPLE (umhos/cm)	RPD (%)	RPD LIMIT (%)
Electrical Conductivity	11900.00	11900.00	0	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 120.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: ECC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (umhos/cm)	SPIKE AMT (umhos/cm)	LCS RSLT (umhos/cm)	LCS % REC	QC LIMIT (%)
Electrical Conductivity	ND	1410.00	1410.00	100	85-115

EPA METHOD 160.1
TOTAL DISSOLVED SOLIDS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/04/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	7900	1	10
MW02-S01	B134-02	2310	1	10
MW03-S01	B134-03	10600	1	10
MW05-S01	B134-04	5800	1	10
MW04-S01	B134-05	7820	1	10
MBLK1W	DSC001WB	ND	1	10

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 160.1
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: TURBDT/TDS-SP5
CONTROL NO.: C016-08

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134 96C015 96C016

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
TDS	915.00	980.00	7	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 160.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: DSC001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/04/96

ACCESSION: 96B134 96C015 96C016

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	LCS RSLT (mg/L)	LCS % REC	QC LIMIT (%)
TDS	ND	856.00	770.00	90	85-115

EPA 110.2
COLOR

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (Color Units)	DILUTION FACTOR	MDL (Color Units)
MW01-S01	B134-01	10	1	10
MW02-S01	B134-02	10	1	10
MW03-S01	B134-03	40	1	10
MW05-S01	B134-04	10	1	10
MW04-S01	B134-05	40	1	10
MBLK1W	C0B001WB	ND	1	10

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 110.2
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW04-S01
CONTROL NO.: B134-05

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (Color Units)	DUP. SAMPLE (Color Units)	RPD (%)	RPD LIMIT (%)
Color	40.00	40.00	0	20

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 110.2
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: C0B001WL

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (Color Units)	SPIKE AMT (Color Units)	LCS RSLT (Color Units)	LCS % REC	QC LIMIT (%)
Color	ND	30.00	30.00	100	85-115

EPA 140.1
ODOR

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	02/29/96

SAMPLE ID	CONTROL NO	RESULT (TON)	DILUTION FACTOR	MDL (TON)
MW01-S01	B134-01	ND	1	1
MW02-S01	B134-02	ND	1	1
MW03-S01	B134-03	ND	1	1
MW05-S01	B134-04	ND	1	1
MW04-S01	B134-05	ND	1	1
MBLK1W	ODB001WB	ND	1	1

MDL : Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 140.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: MW01-S01
CONTROL NO.: B134-01

DATE RECEIVED: 02/28/96
DATE EXTRACTED: NA
DATE ANALYZED: 02/29/96

ACCESSION: 96B134

PARAMETER	SAMPLE (TON)	DUP. SAMPLE (TON)	RPD (%)	RPD LIMIT (%)
Odor	ND	ND	0	20

EPA METHOD 130.2
TOTAL HARDNESS

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	NA
MATRIX:	WATER	DATE ANALYZED:	03/05/96

SAMPLE ID	CONTROL NO	RESULT (mg/L)	DILUTION FACTOR	MDL (mg/L)
MW01-S01	B134-01	3960	1	10
MW02-S01	B134-02	337	1	10
MW03-S01	B134-03	3320	1	10
MW05-S01	B134-04	2500	1	10
MW04-S01	B134-05	1880	1	10
MBLK1W	IPC001WB	ND	1	10

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 130.2
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W/LCS1WD
CONTROL NO.: IPC001WL/C

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 03/05/96

ACCESSION: 96B134

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Total Hardness	ND	331.00	334.00	101	331.00	319.00	97	5	85-115	20

CKY INC., ANALYTICAL LABORATORIES, 630 Maple Ave., Torrance, Calif. 90503 Tel. (310) 618-8889 Fax: (310) 618-0818

SAMPLE RECEIPT FORM

CONTROL NO.	96B134
CLIENT	OGDEN. ENVIRN.
PROJECT	BRANDY WINE

DATE	02-28-96
TIME	1110
RECIPIENT	I. PATEL

SAMPLE TRANSPORTATION TO CKY LABORATORY:	BY	ON(DATE)	AT(TIME)	FROM(SITE/CO.)	COMMENTS
PICKED-UP BY CKY COURIER					
DELIVERED BY CLIENT ✓					
SHIPPED/AIRBILL NO: AMPM DEL. #402876 SEE THE RECEIPT.					

SAMPLE BATCH PACKAGING/SEALING UPON RECEIPT:	NO CONTAINER	✓ INTACT	DAMAGED	NOT SEALED	✓ SEALED

CONTAINER:	INSIDE TEMPERATURE: 3° C			CUSTODY SEAL /OTHER SEAL		LOCATION	NUMBER
2 COOLERS	PACKAGING	TYPE	SUFFICIENCY	✓ INTACT	DAMAGED	FRONT CLOSURE	2
BOX	INSULATION:		OK	NAME:	SEE COC	REAR CLOSURE	1
OTHER:	ICE/COOLANT:	REGULAR	↓	DATE:			
	PACKING MATERIAL:	NONE	↓	TIME:			

SAMPLE DOCUMENTATION/CHAIN-OF-CUSTODY(COC)	NONE	✓ HANDCARRIED	ENCLOSED	FAXED	SEALED

SAMPLE LOG-IN:	CRITERIA	COMMENTS	DISCREPANCY
SAMPLE CUSTODY SEAL	EVERY SAMPLE	NONE	
CONTAINER TYPE/MATERIAL	APPROPRIATE	OK	
SAMPLE AMOUNT	ENOUGH	↓	
SAMPLE PRESERVATION/HOLDING TIME	SUFFICIENT		
HEADSPACE/BUBBLES	ZERO/NONE		
SAMPLE LABEL INFORMATION	SUFFICIENT		
CHAIN-OF-CUSTODY INFORMATION	SUFFICIENT	↓	

SAMPLE INFO.:	SAMPLE ID ✓	DATE ✓	TIME ✓	SIGNATURE ✓	ANALYSES ✓	PRESERVATIVE ✓	CONTAINER ✓
INDIVIDUAL SAMPLE CONTAINER:		✓ NONE	PLASTIC BAG	CAN	OTHER(SPECIFY):		SEALED

SAMPLE NUMBER	CLIENT ID	DISCREPANCY	ACTION

CLIENT SERVICES COPY RECEIVED BY	Cecilia 2/28	DATE		TIME	

C K Y incorporated
Analytical Laboratories

Date: 03-13-1996
CKY Batch No.: 96B134

Attn: Don Barrie

Ogden Environmental
5510 Morehouse Drive
San Diego, CA 92121

Subject: Laboratory Report
Project: Brandywine

Enclosed is the Laboratory report for samples received on 02/28/96. The samples were received in coolers with ice and intact; the chain-of-custody forms were properly filled out. The data reported include :

Sample ID	Control No.	Matrix	Analysis
MW01-S01	B134-01	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW02-S01	B134-02	Water	EPA 8010
			EPA 8020

630 Maple Ave., Torrance, Calif. 90503 • Telephone 310-618-8889 • Fax: 310-618-0818

Sample ID	Control No.	Matrix	Analysis
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW03-S01	B134-03	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW05-S01	B134-04	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride

Sample ID	Control No.	Matrix	Analysis
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate
MW04-S01	B134-05	Water	EPA 8010
			EPA 8020
			Metals
			Mercury
			MBAS
			Turbidity
			Alkalinity
			Sulfate
			Chloride
			Fluoride
			pH
			Conductivity
			TDS
			Color
			Odor
			Total Hardness
			Nitrate

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

P.S. - All analyses requested for the above referenced project have been completed. Therefore, unless instructed, the remaining portions of the samples will be disposed after fifteen (15) days from the date of this report.

February 28, 1996

CLIENT: OGDEN

GENERAL MINERALS LIST

MBAS, Turbidity, Alkalinity, Sulfate, Chloride, Fluoride, pH, Electrical Conductivity, TDS, Color, Odor, Hardness, Nitrate.

Aside from CAM Metals (17 metals) client also requests the following elements: Calcium, Magnesium, Sodium and Potassium.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW01-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-01	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	284
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	791000
Chromium	10	67.7
Cobalt	10	16.4
Copper	10	51
Lead	100	ND
Magnesium	1000	481000
Molybdenum	50	73.9
Potassium	2000	40100
Nickel	20	37.5
Selenium	200	ND
Silver	10	ND
Sodium^	2000	1110000
Thallium	500	ND
Vanadium	10	115
Zinc	10	440

^ Analyzed on 03/05/96 at 2x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW02-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-02	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	37.8
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	79800
Chromium	10	ND
Cobalt	10	ND
Copper	10	ND
Lead	100	ND
Magnesium	1000	33400
Molybdenum	50	ND
Potassium	2000	3670
Nickel	20	ND
Selenium	200	ND
Silver	10	ND
Sodium^	2000	605000
Thallium	500	ND
Vanadium	10	29.1
Zinc	10	38.4

^ Analyzed on 03/05/96 at 2x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW03-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-03	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	171
Barium	10	762
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	725000
Chromium	10	266
Cobalt	10	111
Copper	10	129
Lead	100	158
Magnesium	1000	366000
Molybdenum	50	ND
Potassium	2000	62700
Nickel	20	325
Selenium	200	ND
Silver	10	ND
Sodium^	10000	268000
Thallium	500	1440
Vanadium	10	647
Zinc	10	1290

^ Analyzed on 03/05/96 at 10x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW05-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-04	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	303
Barium	10	1480
Beryllium	5	6.41
Cadmium	5	ND
Calcium	1000	519000
Chromium	10	701
Cobalt	10	160
Copper	10	255
Lead	100	230
Magnesium	1000	291000
Molybdenum	50	ND
Potassium	2000	114000
Nickel	20	182
Selenium	200	3590
Silver	10	ND
Sodium^	5000	1380000
Thallium	500	2540
Vanadium	10	1010
Zinc	10	4220

^ Analyzed on 03/05/96 at 5x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MW04-S01	DATE ANALYZED:	03/04/96
CONTROL NO.:	B134-05	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	196
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	433000
Chromium	10	54.3
Cobalt	10	36.9
Copper	10	30.1
Lead	100	ND
Magnesium	1000	195000
Molybdenum	50	ND
Potassium	2000	21400
Nickel	20	217
Selenium	200	ND
Silver	10	ND
Sodium^	5000	1620000
Thallium	500	ND
Vanadium	10	111
Zinc	10	482

^ Analyzed on 03/05/96 at 5x dilution.

EPA METHOD 3005/6010
METALS BY ICP

CLIENT:	Ogden Environmental	DATE COLLECTED:	NA
PROJECT:	Brandywine	DATE RECEIVED:	NA
BATCH NO.:	96B134	DATE EXTRACTED:	03/01/96
SAMPLE ID:	MBLK1W	DATE ANALYZED:	03/04/96
CONTROL NO.:	IPC001WB	MATRIX:	WATER
% MOISTURE:	NA	DILUTION FACTOR:	1

Element	Det Limit (ug/L)	RESULT (ug/L)
Antimony	60	ND
Arsenic	100	ND
Barium	10	ND
Beryllium	5	ND
Cadmium	5	ND
Calcium	1000	ND
Chromium	10	ND
Cobalt	10	ND
Copper	10	ND
Lead	100	ND
Magnesium	1000	ND
Molybdenum	50	ND
Potassium	2000	ND
Nickel	20	ND
Selenium	200	ND
Silver	10	ND
Sodium^	1000	ND
Thallium	500	ND
Vanadium	10	ND
Zinc	10	ND

^ Analyzed on 03/05/96

CKY QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 3005/6010
MATRIX: WATER

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: PW-L1/2/3 DATE EXTRACTED: 03/01/96
CONTROL NO.: 0202-02 DATE ANALYZED: 03/04/96

ACCESSION: N960202 96B134

PARAMETER	SAMPLE RESULT (ug/L)	DUP SAMPLE RESULT (ug/L)	RPD RESULT (%)
Antimony	ND	ND	0
Arsenic	ND	ND	0
Barium	60.2	61.1	1
Beryllium	ND	ND	0
Cadmium	ND	ND	0
Calcium	30300	31000	2
Chromium	ND	ND	0
Cobalt	ND	ND	0
Copper	64	63.7	0
Lead	ND	ND	0
Magnesium	5250	5340	2
Molybdenum	ND	ND	0
Potassium	44900	43000	4
Nickel	21	39.9	62+
Selenium	ND	ND	0
Silver	ND	ND	0
Sodium^	178000	171000	4
Thallium	ND	ND	0
Vanadium	ND	ND	0
Zinc	601	612	2
QC LIMIT:			20

^ Analyzed on 03/05/96
+ Outside the QC limit

CKY QUALITY CONTROL DATA
SPIKE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 3005/6010
MATRIX: WATER

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: PW-L1/2/3 DATE EXTRACTED: 03/01/96
CONTROL NO.: 0202-02 DATE ANALYZED: 03/04/96

ACCESSION: N960202 96B134

PARAMETER	SAMPLE RESULT (ug/L)	SPIKE CONC. (ug/L)	SPIKE RESULT (ug/L)	SPIKE RECRY. (%)
Antimony	ND	5000	5060	101
Arsenic	ND	1000	1120	112
Barium	60.2	1000	1020	96
Beryllium	ND	1000	981	98
Cadmium	ND	1000	1020	102
Calcium	30300	50000	82400	104
Chromium	ND	1000	1010	101
Cobalt	ND	1000	1010	101
Copper	64	1000	1050	99
Lead	ND	1000	1020	102
Magnesium	5250	50000	52900	95
Molybdenum	ND	1000	1010	101
Nickel	21	1000	1040	102
Potassium	40100	50000	87670	95
Selenium	ND	1000	997	100
Silver	ND	1000	1040	104
Sodium^	178000	50000	213000	71
Thallium	ND	1000	918	92
Vanadium	ND	1000	1000	100
Zinc	601	1000	1640	103

QC LIMIT: 75-125
Analyzed on 03/05/96

CKY QUALITY CONTROL DATA
LABORATORY CONTROL SAMPLE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 3005/6010
MATRIX: WATER

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: LCS1W/LCS1WD DATE EXTRACTED: 03/01/96
CONTROL NO.: IPC001WL/C DATE ANALYZED: 03/04/96

ACCESSION: N960202 96B134

PARAMETER	SAMPLE CONC (ug/L)	SPIKE ADDED (ug/L)	LCS CONC (ug/L)	LCS % REC	SPIKE ADDED (ug/L)	LCSD CONC (ug/L)	LCSD % REC	% RPD
Antimony	ND	5000	5090	102	5000	4909	98	4
Arsenic	ND	1000	1010	101	1000	1008	101	0
Barium	ND	1000	1012	101	1000	978	98	3
Beryllium	ND	1000	1032	103	1000	987	99	5
Cadmium	ND	1000	999	100	1000	946	95	5
Calcium	ND	50000	52316	105	50000	48247	96	8
Chromium	ND	1000	1057	106	1000	986	99	7
Cobalt	ND	1000	1032	103	1000	983	98	5
Copper	ND	1000	946	95	1000	939	94	1
Lead	ND	1000	991	99	1000	1013	101	2
Magnesium	ND	50000	49468	99	50000	48321	97	2
Molybdenum	ND	1000	1040	104	1000	990	99	5
Potassium	ND	50000	46577	93	50000	46542	93	0
Nickel	ND	1000	1031	103	1000	967	97	6
Selenium	ND	1000	1073	107	1000	983	98	9
Silver	ND	1000	1013	101	1000	970	97	4
Sodium^	ND	50000	46854	94	50000	47138	94	1
Thallium	ND	1000	934	93	1000	987	99	5
Vanadium	ND	1000	1036	104	1000	976	98	6
Zinc	ND	1000	1020	102	1000	976	98	4
QC LIMIT:				75-125			75-125	20

^ Analyzed on 03/05/96

EPA METHOD 7470
MERCURY BY COLD VAPOR

CLIENT:	Ogden Environmental	DATE COLLECTED:	02/27/96
PROJECT:	Brandywine	DATE RECEIVED:	02/28/96
BATCH NO.:	96B134	DATE EXTRACTED:	03/07/96
MATRIX:	WATER	DATE ANALYZED:	03/07/96

SAMPLE ID	CONTROL NO	RESULT (ug/L)	DILUTION FACTOR	MDL (ug/L)
MW01-S01	B134-01	ND	1	.2
MW02-S01	B134-02	ND	1	.2
MW03-S01	B134-03	.54	1	.2
MW05-S01	B134-04	5.13	1	.2
MW04-S01	B134-05	.28	1	.2
MBLK1W	HGC004WB	ND	1	.2

MDL: Method Detection Limit

CKY QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 7470
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134 DATE RECEIVED: NA
SAMPLE ID: HA0003SO001EB DATE EXTRACTED: 03/07/96
CONTROL NO.: C004-01 DATE ANALYZED: 03/07/96

ACCESSION: 96B121 96B134 96C004 96C011

PARAMETER	SAMPLE (ug/L)	DUP. SAMPLE (ug/L)	RPD (%)	RPD LIMIT (%)
Mercury	ND	ND	0	20

CKY QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 7470
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: HA0003SO001EB
CONTROL NO.: C004-01

DATE RECEIVED: NA
DATE EXTRACTED: 03/07/96
DATE ANALYZED: 03/07/96

ACCESSION: 96B121 96B134 96C004 96C011

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	QC LIMIT (%)
Mercury	ND	5.00	4.76	95	75-125

CKY QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: Ogden Environmental
PROJECT: Brandywine
METHOD: EPA 7470
MATRIX: WATER
MOISTURE: NA

BATCH NO.: 96B134
SAMPLE ID: LCS1W
CONTROL NO.: HGC004WL

DATE RECEIVED: NA
DATE EXTRACTED: 03/07/96
DATE ANALYZED: 03/07/96

ACCESSION: 96B121 96B134 96C004 96C011

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	LCS RSLT (ug/L)	LCS % REC	QC LIMIT (%)
Mercury	ND	5.00	5.05	101	75-125

96B134 A1 / R6C3

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

CLIENT NAME: Ogden Environmental
ADDRESS: 5510 Morehouse Dr
San Diego, CA 92121
PHONE NO (619) 458-9044 FAX NO (619) 458-0943
PROJECT NAME: Brandywine
SEND REPORT TO: Don Barrie

DATE: 2-27-96
PAGE 1 OF ____

CKY incorporated
Analytical Laboratories
630 Maple Ave.
Torrance, Calif. 90503
Tel: 310-618-8889
Fax: 310-618-0818

SAMPLER NAME/SIGNATURE
M. Porter M. Porter

TURN AROUND TIME
NORMAL ☐
RUSH ☐

	SAMPLE NUMBER	SAMPLING DATE/TIME		PRESERVATIVE	CONTAINER SIZE/TYPE	SAMPLE DESCRIPTION WATER	SOIL	OTHER	ANALYSES REQUIRED 418.1	M8015	8010/601	8020/602	8080/608	8240/624	8270/625	CAM Metals	8010/8020	Gen Min	Nitrate
1	MW01-S01	2-27-95	1600			X										1	3	2	1
2	MW02-S01	2-27-95	1615			X										1	3	2	1
3	MW03-S01	2-27-95	1745			X										1	3	2	1
4	MW05-S01	2-27-95	1900			X										1	3	2	1
5	MW04-S01	2-27-95	1930			X										1	3	2	1

COMMENTS: Metals in 1x1l poly w/ HNO3
8010/8020 in 3x40ml VOA
Gen Min in 2x1l poly - unpreserved
Nitrate? in 1x 500ml poly
in H2SO4
each Sample

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:
M Porter	2-27-96		2/28/96		2/28/96		2/28/96
Company: Ogden	Time: 2045	Company:	Time: 820	Company:	Time: 1110	Company: CKY	Time: 1110.

Storage/Disposal of Samples: Sample will be stored at CKY for 30 days at no charge and at $10/sample/month thereafter. Disposal of sample by the Laboratory will be charged at $10/sample.

T = 3°C

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

LABORATORY REPORT FORM

Laboratory Name: CKY, Incorporated

Address: 630 Maple Avenue, Torrance, CA 90503

Telephone (310) 618-8889

Laboratory Certification
(ELAP) No.: 1111 Expiration Date: 02/29/96

Laboratory Director's Name (Print): Kam Y. Pang, Ph.D.

Laboratory Director's Signature:

Client: Ogden Environmental
Project No.: Chula Vista

Analytical Method: (Circle One)	EPA 502.1	EPA 503.1	EPA 502.2	EPA 524.1
				EPA 524.2
	EPA 601	EPA 602		EPA 624
	(EPA 8010)	(EPA 8020)	EPA 8021	EPA 8240
				EPA 8260
Other:				
Date Sampled:	02/10/96	02/10/96		
Date Received:	02/12/96	02/12/96		
Date Reported:	02/12/96 to 02/13/96	02/12/96 to 02/14/96		
Sample Matrix:	Soil	Soil		
Extraction Method:				
Extraction Material:				

Chain of Custody Received: (Yes) No
Sample Condition

--Sample Headspace Description (%):
--Sample Container Materials:

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-01		
CLIENT SAMPLE I.D.			BWBS055010.0		
COMPOUND (b)	MDL	MB	#1		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	5.49		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	5.49		ND		
Toluene	5.49		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	01		
m,p–Xylenes					
Total Xylenes	16.5		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-02		
CLIENT SAMPLE I.D.			BMB505040505		
COMPOUND (b)	MDL	MB	02		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.5		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.5		ND		
Toluene	6.5		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	02		
m,p–Xylenes					
Total Xylenes	19.5		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96	02-14-96	
DATE EXTRACTED			NA	NA	
DILUTION FACTOR			1	1	
LAB SAMPLE I.D.			B042-03	B042-03R	
CLIENT SAMPLE I.D.			BWB505505D91	BWB505505D91	
COMPOUND (b)	MDL	MB	03	03R	
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.26		ND	ND	
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.26		ND	ND	
Toluene	6.26		ND	ND	

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	03	03R	
m,p-Xylenes					
Total Xylenes	18.8		ND	ND	
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n-Butylbenzene					
sec-Butylbenzene					
tert-Butylbenzene					
2-Chloroethylvinyl ether					
2-Chlorotoluene					
4-Chlorotoluene					
Dichlorodifluoromethane					
cis-1,2-Dichloroethylene					
1,3-Dichloropropane					
2,2-Dichloropropane					
1,1-Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p-Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n-Propylbenzene					
Styrene					
1,2,3-Trichlorobenzene					
1,2,4-Trichlorobenzene					
1,2,4-Trimethylbenzene					
1,3,5-Trimethylbenzene					
1,1,2-Trichloro-trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60-140		40+	50+	

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

\+ Outside QC limits

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-04		
CLIENT SAMPLE I.D.			BWB904SOIDUP.5		
COMPOUND (b)	MDL	MB	04		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	5.35		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	5.35		ND		
Toluene	5.35		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	04		
m,p–Xylenes					
Total Xylenes	16.1		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		66		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-05		
CLIENT SAMPLE I.D.			BMB5045021216.5		
COMPOUND (b)	MDL	MB	05		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.4		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.4		ND		
Toluene	6.4		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	05		
m,p–Xylenes					
Total Xylenes	19.2		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-06		
CLIENT SAMPLE I.D.			BMB504S03DB.D		
COMPOUND (b)	MDL	MB	06		
Bromobenzene					
Bromodichloromethane					
Bromoform					
Bromomethane					
Carbon tetrachloride					
Chloroethane					
Chloroform					
1-Chlorohexane					
Chloromethane					
Dibromochloromethane					
Dibromomethane					
Dichlorodifluoromethane					
1,1-Dichloroethane (1,1-DCA)					
1,2-Dichloroethane (1,2-DCA)					
1,1-Dichloroethylene (1,1-DCE)					
trans-1,2-Dichloroethylene					
Dichloromethane					
1,2-Dichloropropane					
cis-1,3-Dichloropropylene					
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane					
1,1,2,2-Tetrachloroethane					
Tetrachloroethylene (PCE)					
1,1,1-Trichloroethane (111-TCA)					
1,1,2-Trichloroethane (112-TCA)					
Trichloroethylene (TCE)					
1,2,3-Trichloropropane					
Trichlorofluoromethane					
Vinyl chloride					
Benzene	6.81		ND		
Chlorobenzene					
1,2-Dichlorobenzene					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
Ethyl benzene	6.81		ND		
Toluene	6.81		ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	06		
m,p–Xylenes					
Total Xylenes	20.4		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		66		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

	DATE ANALYZED		02-12-96	02-14-96		
	DATE EXTRACTED		NA	NA		
	DILUTION FACTOR		1	1		
	LAB SAMPLE I.D.		VAL587B	VAL597B		
	CLIENT SAMPLE I.D.		-	-		
COMPOUND (b)		MDL	MB1	MB2		
Bromobenzene						
Bromodichloromethane						
Bromoform						
Bromomethane						
Carbon tetrachloride						
Chloroethane						
Chloroform						
1-Chlorohexane						
Chloromethane						
Dibromochloromethane						
Dibromomethane						
Dichlorodifluoromethane						
1,1-Dichloroethane (1,1-DCA)						
1,2-Dichloroethane (1,2-DCA)						
1,1-Dichloroethylene (1,1-DCE)						
trans-1,2-Dichloroethylene						
Dichloromethane						
1,2-Dichloropropane						
cis-1,3-Dichloropropylene						
trans-1,3-Dichloropropylene						
1,1,1,2-Tetrachloroethane						
1,1,2,2-Tetrachloroethane						
Tetrachloroethylene (PCE)						
1,1,1-Trichloroethane (111-TCA)						
1,1,2-Trichloroethane (112-TCA)						
Trichloroethylene (TCE)						
1,2,3-Trichloropropane						
Trichlorofluoromethane						
Vinyl chloride						
Benzene		5	ND	ND		
Chlorobenzene						
1,2-Dichlorobenzene						
1,3-Dichlorobenzene						
1,4-Dichlorobenzene						
Ethyl benzene		5	ND	ND		
Toluene		5	ND	ND		

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB1	MB2		
m,p–Xylenes					
Total Xylenes	15	ND	ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene					
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene					
1,3–Dichloropropane					
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)					
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140	71	65		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: B042-01

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD
1,1-Dichloroethene	274	284	103	277	101	3	60-140	40
Trichloroethene	274	282	103	280	102	0	60-140	40
Chlorobenzene	274	302	110	302	110	0	60-140	40

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587L

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
1,1-Dichloroethene	100.00	123.00	123	80-120
Trichloroethene	100.00	119.00	119	80-120
Chlorobenzene	100.00	121.00	121	80-120
				80-120
				80-120
				80-120
				80-120

ANALYST: Rong Ma DATE: 2/24/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587C

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
1,1-Dichloroethene	100.00	122.00	122	80–120
Trichloroethene	100.00	124.00	124	80–120
Chlorobenzene	100.00	119.00	119	80–120
				80–120
				80–120
				80–120
				80–120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-01		
CLIENT SAMPLE I.D.			BWB9055010.0		
COMPOUND (b)	MDL	MB	01		
Bromobenzene					
Bromodichloromethane					
Bromoform	5.49		ND		
Bromomethane	27.4		ND		
Carbon tetrachloride	5.49		ND		
Chloroethane	27.4		ND		
Chloroform	5.49		ND		
1-Chlorohexane					
Chloromethane	27.4		ND		
Dibromochloromethane	5.49		ND		
Dibromomethane					
Dichlorodifluoromethane	27.4		ND		
1,1-Dichloroethane (1,1-DCA)	5.49		ND		
1,2-Dichloroethane (1,2-DCA)	5.49		ND		
1,1-Dichloroethylene (1,1-DCE)	5.49		ND		
trans-1,2-Dichloroethylene	5.49		ND		
Dichloromethane	27.4		ND		
1,2-Dichloropropane	5.49		ND		
cis-1,3-Dichloropropylene	5.49		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	5.49		ND		
1,1,2,2-Tetrachloroethane	5.49		ND		
Tetrachloroethylene (PCE)	5.49		ND		
1,1,1-Trichloroethane (111-TCA)	5.49		ND		
1,1,2-Trichloroethane (112-TCA)	5.49		ND		
Trichloroethylene (TCE)	5.49		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	5.49		ND		
Vinyl chloride	27.4		ND		
Benzene					
Chlorobenzene	5.49		ND		
1,2-Dichlorobenzene	5.49		ND		
1,3-Dichlorobenzene	5.49		ND		
1,4-Dichlorobenzene	5.49		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	01		
m,p–Xylenes					
Benzylchloride	5.49		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	5.49		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	5.49		ND		
1,3–Dichloropropane	5.49		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	5.49		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		108		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-02		
CLIENT SAMPLE I.D.			BWBS05S04085.5		
COMPOUND (b)	MDL	MB	02		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.5		ND		
Bromomethane	32.5		ND		
Carbon tetrachloride	6.5		ND		
Chloroethane	32.5		ND		
Chloroform	6.5		ND		
1-Chlorohexane					
Chloromethane	32.5		ND		
Dibromochloromethane	6.5		ND		
Dibromomethane					
Dichlorodifluoromethane	32.5		ND		
1,1-Dichloroethane (1,1-DCA)	6.5		ND		
1,2-Dichloroethane (1,2-DCA)	6.5		ND		
1,1-Dichloroethylene (1,1-DCE)	6.5		ND		
trans-1,2-Dichloroethylene	6.5		ND		
Dichloromethane	32.5		ND		
1,2-Dichloropropane	6.5		ND		
cis-1,3-Dichloropropylene	6.5		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.5		ND		
1,1,2,2-Tetrachloroethane	6.5		ND		
Tetrachloroethylene (PCE)	6.5		ND		
1,1,1-Trichloroethane (111-TCA)	6.5		ND		
1,1,2-Trichloroethane (112-TCA)	6.5		ND		
Trichloroethylene (TCE)	6.5		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.5		ND		
Vinyl chloride	32.5		ND		
Benzene					
Chlorobenzene	6.5		ND		
1,2-Dichlorobenzene	6.5		ND		
1,3-Dichlorobenzene	6.5		ND		
1,4-Dichlorobenzene	6.5		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	02		
m,p–Xylenes					
Benzylchloride	6.5		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.5		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.5		ND		
1,3–Dichloropropane	6.5		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.5		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		108		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-03		
CLIENT SAMPLE I.D.			BWB505505D91		
COMPOUND (b)	MDL	MB	03		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.26		ND		
Bromomethane	31.3		ND		
Carbon tetrachloride	6.26		ND		
Chloroethane	31.3		ND		
Chloroform	6.26		ND		
1-Chlorohexane					
Chloromethane	31.3		ND		
Dibromochloromethane	6.26		ND		
Dibromomethane					
Dichlorodifluoromethane	31.3		ND		
1,1-Dichloroethane (1,1-DCA)	6.26		ND		
1,2-Dichloroethane (1,2-DCA)	6.26		ND		
1,1-Dichloroethylene (1,1-DCE)	6.26		ND		
trans-1,2-Dichloroethylene	6.26		ND		
Dichloromethane	31.3		ND		
1,2-Dichloropropane	6.26		ND		
cis-1,3-Dichloropropylene	6.26		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.26		ND		
1,1,2,2-Tetrachloroethane	6.26		ND		
Tetrachloroethylene (PCE)	6.26		ND		
1,1,1-Trichloroethane (111-TCA)	6.26		ND		
1,1,2-Trichloroethane (112-TCA)	6.26		ND		
Trichloroethylene (TCE)	6.26		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.26		ND		
Vinyl chloride	31.3		ND		
Benzene					
Chlorobenzene	6.26		ND		
1,2-Dichlorobenzene	6.26		ND		
1,3-Dichlorobenzene	6.26		ND		
1,4-Dichlorobenzene	6.26		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	03		
m,p–Xylenes					
Benzylchloride	6.26		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.26		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.26		ND		
1,3–Dichloropropane	6.26		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.26		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		66		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP = Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-12-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-04		
CLIENT SAMPLE I.D.			BWB504 SOIL 12.5		
COMPOUND (b)	MDL	MB	04		
Bromobenzene					
Bromodichloromethane					
Bromoform	5.35		ND		
Bromomethane	26.8		ND		
Carbon tetrachloride	5.35		ND		
Chloroethane	26.8		ND		
Chloroform	5.35		ND		
1-Chlorohexane					
Chloromethane	26.8		ND		
Dibromochloromethane	5.35		ND		
Dibromomethane					
Dichlorodifluoromethane	26.8		ND		
1,1-Dichloroethane (1,1-DCA)	5.35		ND		
1,2-Dichloroethane (1,2-DCA)	5.35		ND		
1,1-Dichloroethylene (1,1-DCE)	5.35		ND		
trans-1,2-Dichloroethylene	5.35		ND		
Dichloromethane	26.8		ND		
1,2-Dichloropropane	5.35		ND		
cis-1,3-Dichloropropylene	5.35		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	5.35		ND		
1,1,2,2-Tetrachloroethane	5.35		ND		
Tetrachloroethylene (PCE)	5.35		ND		
1,1,1-Trichloroethane (111-TCA)	5.35		ND		
1,1,2-Trichloroethane (112-TCA)	5.35		ND		
Trichloroethylene (TCE)	5.35		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	5.35		ND		
Vinyl chloride	26.8		ND		
Benzene					
Chlorobenzene	5.35		ND		
1,2-Dichlorobenzene	5.35		ND		
1,3-Dichlorobenzene	5.35		ND		
1,4-Dichlorobenzene	5.35		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	04		
m,p–Xylenes					
Benzylchloride	5.35		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	5.35		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	5.35		ND		
1,3–Dichloropropane	5.35		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	5.35		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		104		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-05		
CLIENT SAMPLE I.D.			BWB5042027.5		
COMPOUND (b)	MDL	MB	05		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.4		ND		
Bromomethane	32		ND		
Carbon tetrachloride	6.4		ND		
Chloroethane	32.		ND		
Chloroform	6.4		ND		
1-Chlorohexane					
Chloromethane	32		ND		
Dibromochloromethane	6.4		ND		
Dibromomethane					
Dichlorodifluoromethane	32		ND		
1,1-Dichloroethane (1,1-DCA)	6.4		ND		
1,2-Dichloroethane (1,2-DCA)	6.4		ND		
1,1-Dichloroethylene (1,1-DCE)	6.4		ND		
trans-1,2-Dichloroethylene	6.4		ND		
Dichloromethane	32		ND		
1,2-Dichloropropane	6.4		ND		
cis-1,3-Dichloropropylene	6.4		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.4		ND		
1,1,2,2-Tetrachloroethane	6.4		ND		
Tetrachloroethylene (PCE)	6.4		ND		
1,1,1-Trichloroethane (111-TCA)	6.4		ND		
1,1,2-Trichloroethane (112-TCA)	6.4		ND		
Trichloroethylene (TCE)	6.4		ND		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.4		ND		
Vinyl chloride	32		ND		
Benzene					
Chlorobenzene	6.4		ND		
1,2-Dichlorobenzene	6.4		ND		
1,3-Dichlorobenzene	6.4		ND		
1,4-Dichlorobenzene	6.4		ND		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	05		
m,p–Xylenes					
Benzylchloride	6.4		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.4		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.4		ND		
1,3–Dichloropropane	6.4		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.4		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140		110		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED			02-13-96		
DATE EXTRACTED			NA		
DILUTION FACTOR			1		
LAB SAMPLE I.D.			B042-06		
CLIENT SAMPLE I.D.			BMB501503086.0		
COMPOUND (b)	MDL	MB	06		
Bromobenzene					
Bromodichloromethane					
Bromoform	6.81		ND		
Bromomethane	34.1		ND		
Carbon tetrachloride	6.81		ND		
Chloroethane	34.1		ND		
Chloroform	6.81		ND		
1-Chlorohexane					
Chloromethane	34.1		ND		
Dibromochloromethane	6.81		ND		
Dibromomethane					
Dichlorodifluoromethane	34.1		ND		
1,1-Dichloroethane (1,1-DCA)	6.81		15		
1,2-Dichloroethane (1,2-DCA)	6.81		ND		
1,1-Dichloroethylene (1,1-DCE)	6.81		ND		
trans-1,2-Dichloroethylene	6.81		ND		
Dichloromethane	34.1		ND		
1,2-Dichloropropane	6.81		ND		
cis-1,3-Dichloropropylene	6.81		ND		
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	6.81		ND		
1,1,2,2-Tetrachloroethane	6.81		ND		
Tetrachloroethylene (PCE)	6.81		11		
1,1,1-Trichloroethane (111-TCA)	6.81		ND		
1,1,2-Trichloroethane (112-TCA)	6.81		12		
Trichloroethylene (TCE)	6.81		240		
1,2,3-Trichloropropane					
Trichlorofluoromethane	6.81		ND		
Vinyl chloride	34.1		ND		
Benzene					
Chlorobenzene	6.81		ND		
1,2-Dichlorobenzene	6.81		9.0		
1,3-Dichlorobenzene	6.81		ND		
1,4-Dichlorobenzene	6.81		12		
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MB	06		
m,p–Xylenes					
Benzylchloride	6.81		ND		
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	6.81		ND		
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	6.81		ND		
1,3–Dichloropropane	6.81		ND		
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	6.81		ND		
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60-140		119		

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP = Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

ANALYTICAL TEST RESULT (a)

Reporting Unit (Circle One): (ug/kg) ug/L

DATE ANALYZED		02-12-96			
DATE EXTRACTED		NA			
DILUTION FACTOR		1			
LAB SAMPLE I.D.		VAL587B			
CLIENT SAMPLE I.D.		-			
COMPOUND (b)	MDL	MB1			
Bromobenzene					
Bromodichloromethane					
Bromoform	5	ND			
Bromomethane	25	ND			
Carbon tetrachloride	5	ND			
Chloroethane	25	ND			
Chloroform	5	ND			
1-Chlorohexane					
Chloromethane	25	ND			
Dibromochloromethane	5	ND			
Dibromomethane					
Dichlorodifluoromethane	25	ND			
1,1-Dichloroethane (1,1-DCA)	5	ND			
1,2-Dichloroethane (1,2-DCA)	5	ND			
1,1-Dichloroethylene (1,1-DCE)	5	ND			
trans-1,2-Dichloroethylene	5	ND			
Dichloromethane	25	ND			
1,2-Dichloropropane	5	ND			
cis-1,3-Dichloropropylene	5	ND			
trans-1,3-Dichloropropylene					
1,1,1,2-Tetrachloroethane	5	ND			
1,1,2,2-Tetrachloroethane	5	ND			
Tetrachloroethylene (PCE)	5	ND			
1,1,1-Trichloroethane (111-TCA)	5	ND			
1,1,2-Trichloroethane (112-TCA)	5	ND			
Trichloroethylene (TCE)	5	ND			
1,2,3-Trichloropropane					
Trichlorofluoromethane	5	ND			
Vinyl chloride	25	ND			
Benzene					
Chlorobenzene	5	ND			
1,2-Dichlorobenzene	5	ND			
1,3-Dichlorobenzene	5	ND			
1,4-Dichlorobenzene	5	ND			
Ethyl benzene					
Toluene					

ANALYTICAL TEST RESULT (cont'd)

COMPOUND (b)	MDL	MBI			
m,p–Xylenes					
Benzylchloride	5	ND			
Acetone					
Acrolein					
Acrylonitrile					
Bromochloromethane					
n–Butylbenzene					
sec–Butylbenzene					
tert–Butylbenzene					
2–Chloroethylvinyl ether					
2–Chlorotoluene	5	ND			
4–Chlorotoluene					
Dichlorodifluoromethane					
cis–1,2–Dichloroethylene	5	ND			
1,3–Dichloropropane	5	ND			
2,2–Dichloropropane					
1,1–Dichloropropylene					
Ethylene dibromide (EDB)	5	ND			
Hexachlorobutadiene					
Isopropylbenzene					
p–Isopropyltoluene					
Methyl Ethyl Ketone					
Methyl Isobutyl Ketone					
Naphthalene					
n–Propylbenzene					
Styrene					
1,2,3–Trichlorobenzene					
1,2,4–Trichlorobenzene					
1,2,4–Trimethylbenzene					
1,3,5–Trimethylbenzene					
1,1,2–Trichloro–trifluoroethane					

SURROGATE	SPK CONC	ACP%	MB %RC	%RC	%RC	%RC
Bromofluorobenzene	50	60–140	115			

a = Report Any Value > MDL; b = Listed Compounds Are Ordered by Laboratory Analytical Methods: Halogenated, Aromatic, then Remaining Compounds Identified by GC/MS.

SPK CONC = Spiking Concentration (<5 x PQL); ACP % Acceptable Range of Percent; %RC = % Recovery

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: 02-13-96
BATCH: 96B042
LAB SAMPLE I.D.: B042-01

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD
Benzene	274	228	83	226	82	1	60-140	40
Toluene	274	223	81	223	81	0	60-140	40
Ethylbenzene	274	237	86	237	86	0	60-140	40
Total Xylenes	823	597	73	598	73	0	60-140	40

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587L

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	88.50	88	80-120
Toluene	100.00	90.00	90	80-120
Ethylbenzene	100.00	100.50	101	80-120
Total Xylenes	300.00	248.00	83	80-120
				80-120
				80-120
				80-120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-12-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL587C

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	88.00	88	80–120
Toluene	100.00	89.00	89	80–120
Ethylbenzene	100.00	104.00	104	80–120
Total Xylenes	300.00	261.00	87	80–120
				80–120
				80–120
				80–120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-14-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL597L

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	90.00	90	80–120
Toluene	100.00	91.50	92	80–120
Ethylbenzene	100.00	88.50	89	80–120
Total Xylenes	300.00	240.00	80	80–120
				80–120
				80–120
				80–120

ANALYST: Rong Ma DATE: 2/22/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

QA/QC REPORT

Reporting Unit (Circle One): (ug/kg) ug/L

I. Matrix Spike (MS) Matrix Spike Duplicate (MSD)

DATE PERFORMED: _____
BATCH: _____
LAB SAMPLE I.D.:

ANALYTE	SPK CONC	MS	%MS	MSD	% MSD	RPD	ACP %MS	ACP RPD

II. Laboratory Quality Control Check Sample

DATE PERFORMED: 02-14-96
BATCH: 96B042
LAB SAMPLE I.D.: VAL597C

ANALYTE	SPK CONC	RESULT	% RECOVERY	ACP %
Benzene	100.00	87.00	87	80–120
Toluene	100.00	88.50	88	80–120
Ethylbenzene	100.00	96.50	97	80–120
Total Xylenes	300.00	232.00	77	80–120
				80–120
				80–120
				80–120

ANALYST: Rong Wu DATE: 2/27/96

NOTE: CKY Lab QC limits for LCS/LCSD recoveries: 70-125%

COUNTY OF SAN DIEGO

EST # [redacted]

PAGE 1 OF 1

SPECIALIST: Ed Slate

OFFICIAL NOTICE
NOTICE OF VIOLATION

BUSINESS NAME NYPRO PHONE 482-7033

BUSINESS ADDRESS 505 Otay Valley Rd CITY Chula Vista ZIP 91911

OWNERS NAME Spectrum Management PHONE

OWNERS ADDRESS 8799 Balboa #102 CITY San Diego ZIP 92123-1538

An inspection of your business was conducted, under the authority of Section 25185 of the California Health and Safety Code. This inspection was conducted with the purpose of determining compliance with Chapters 6.5, 6.7, 6.95 in Division 20, of the California Health and Safety Code (H&S); Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following statements describe conditions which are violations of the law or that require further investigation. These observations require a formal response and/or immediate corrective action be taken. Failure to correct these violations or to provide information requested in a timely manner may be a factor in determining the course of further legal action.

On this date 15 gallons of waste and 60 pounds of High Temperature grease was abandonded at the rear of your facility. 10 gallons of waste oil drained onto the parking lot adjacent to your loading docks.

You, or your property management Company: Spectrum Property Management, 8799 Balboa Ave, Ste 102, San Diego 92123-1538 (619) 569-8799 are required to clean up spilled waste oil and grease, & absorbent residue. Provide this office with a copy of the hazardous waste manifest, or environmental receipt. You are required to clean up residual oil so that it will not pollute the environment during the next rain storm. Chula Vista storm water program will be advised of this incident. See Gen HW Requirements attached.

Contact E. Slate 338-2218 if you have any questions.

PRINT FULL NAME: Michael Donnelly DATE: April 7, 97

Michael Donnelly JOB TITLE: Controller
(ESTABLISHMENT REPRESENTATIVE'S SIGNATURE)

IDENTIFICATION (CA DRIVERS LICENSE #, OR DATE OF BIRTH) 12/3/68

Edward Slate April 7, 97
Signature - Hazardous Materials Specialist Date

☒ If this box is checked, provide written documentation of compliance with this notice to this office within 5 days. Section 66272.1 (d) of the CA Code of Regulations requires, that at a minimum, this documentation must state:
1. The corrective action to be taken, and
2. The expected date of completion.

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261 San Diego CA, 92186-5261

(619) 338-2222

☐ OFFICE USE ONLY
Reinspection fee Required if Marked

DISTRIBUTION: WHITE - HMMD FILE
YELLOW - ESTABLISHMENT COPY

DEH:HM-912 (1/95) (NCR)

OK

V 2-5-97

COUNTY OF SAN DIEGO

EST. NO. H 30637
DATE 2/5/97
TIME START 10:5 END ____
BUS. CODE K67
SPECIALIST GLORIA & ESTOLANO
CONTACT KEITH NEWELL
TITLE MAINTENANCE SUPERVISOR
PHONE (619) 482-7023

COMPLIANCE INSPECTION REPORT

BUSINESS NAME NYPRO SAN DIEGO
ADDRESS 505 OTAY VALLEY ROAD
CITY/ZIP CHULA VISTA, CA 91911-6059

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Processed 2/26/97 MSV

Office Use Only

ROUTINE INSPECTION : FEB 07 1997

1. HEALTH PERMIT EXPIRES ON 4/30/97

2. EMPLOYEE TRAINING RECORDS WERE NOT AVAILABLE FOR REVIEW. DAYS
- WITHIN 30 ~~DAYS~~, (By 03/05/97) MAIL TO MY ATTENTION EMPLOYEE TRAINING DOCUMENTATION RELATIVE TO HAZARDOUS MATERIALS/WASTE MANAGEMENT, SPILL CONTROL AND EMERGENCY PROCEDURES.

3. OBSERVED SOLVENT SPILLED IN ONE OF THE FLAMMABLE CABINETS. ALSO OBSERVED AN OPEN CONTAINER WITH SOLVENT AND A PAINT BRUSH.
- REPACKAGE WASTE SOLVENT IN A ~~CLEE~~ CLOSED, LABELED CONTAINER.
- CLEAN-UP SPILL IN THE FLAMMABLE CABINET. PROPERLY MANAGE WASTE.
- AVOID HAVING OPEN CONTAINERS WITH SOLVENT TO PREVENT EVAPORATION OF SOLVENT TO THE AIR.

FR BJ

Approximately 150,000 pounds of various types of plastic beads. Not hazardous materials that need disclosure. G. Estolano 02/97.

Keith Newell 2/5/97 Maintenance Supervisor
Signature of Business Representative Date Signed Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

COUNTY OF SAN DIEGO

EST. NUMBER H 30637

COMPLIANCE INSPECTION REPORT

DATE 2/5/97

PAGE 2 OF 2

4/30/97

BUSINESS ADDRESS: 305 OTAY VALLEY ROAD, CHULA VISTA, CA 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.905 — V0108 W____
- [ ] No EPA Identification Number 66262.12 — V0105 W____
- [ ] Waste Manifests/Receipts not on-site for 3 years 66262.40 — V0118 W____
- [ ] Manifest not properly completed 66262.23 — V0120 W____
- [ ] Manifest copy not sent to DTSC 66262.23 — V0115 W____
- [ ] TSDF signed-manifest not on-site 66262.40 — V0121 W____
- [ ] Biennial report not sent to DTSC 66262.41 — V0122 W____
- [ ] LDR Documentation not available 66268.7 — V0123 W____
- [ ] Exception Rpt. not filed with DTSC 66262.42 — V0116 W____
- [ ] Operating TSDF without authorization 25201 — V0124 W____

STORAGE AND HANDLING

- [ ] Waste stored longer than 90, 180, or 270 days 66262.34 — V0221 W____
- [X] Failure to clean up hazwaste off of ~~floor surface~~ 66262.10b — V0313 W____ (1)
- [ ] Waste container missing/improperly labeled 66262.34 — V0222 W____
- [ ] Haz Materials not properly labeled 25124 — V0223 W____
- [ ] Waste container not kept closed 66265.173 — V0202 W____
- [ ] Waste container in poor condition 66265.171 — V0205 W____
- [ ] Waste container(s) not properly managed 66265.173 — V0210 W____
- [ ] Damaged container not repackaged 66265.171 — V0226 W____
- [ ] Container incompatible with waste 66265.172 — V0207 W____
- [ ] Incompatibles in the same container 66265.177 — V0224 W____
- [ ] Incompatibles not stored separately 66265.177 — V0213 W____
- [ ] Ignitible Waste less than 50 feet 66265.176 — V0214 W____
- [ ] Ignitible Waste not grounded 66265.31 — V0215 W____
- [ ] Storage area not inspected weekly 66265.174 — V0216 W____

DISPOSAL AND TRANSPORTATION

- [ ] Unauth. disposal of waste to _____ 25189.5 — V0313 W____
- [ ] Waste determination not made 66262.11 — V0319 W____
- [ ] Unlawful transport of haz. waste 25163 — V0315 W____
- [ ] Waste transported without manifest 66262.20 — V0316 W____
- [ ] Extremely Haz Waste Permit not obtained 25205.7 — V0317 W____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- [X] Training records unavailable 66265.16 — V0405 W____ (2)
- [ ] Training program not adequate 66265.16 — V0406 W____
- [ ] Facility not designed to minimize release 66265.31 — V0501 W____
- [ ] Spill control equip not available 66265.32 — V0508 W____
- [ ] Aisle space is obstructed 66265.35 — V0509 W____
- [ ] Contingency plan not prepared and/or on file 66265.51, 66265.53 — V0609 W____

MISCELLANEOUS

- [ ] Waste oil contaminated 25250.7 — V0225 W____
- [ ] Used oil filters improperly managed 66266.130 — V0701 W____
- [ ] Damaged batteries improperly managed 66266.81 — V0702 W____
- [ ] Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered permitting) — V0125 W____
- [ ] Onsite treatment of waste without authorization 25201 — V0125 W____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- [ ] Health Permit not obtained 68.1005, 25284 — V3002 T____
- [ ] Repair/modify/close permit not obtained 68.1005 — V3007 T____
- [ ] UST Permit Application not submitted 25286(a) — V3010 T____
- [ ] Operating permit conditions violated 2712 — V3011 T____
- [ ] Failed to notify HMMD of changes 25284 — V3012 T____
- [ ] No owner/operator agreement 25284 — V3005 T____
- [ ] No records of financial coverage 25292.2 — V3013 T____
- [ ] No maint/monit/calib records available 2712(b), 2641(j) — V3001 T____
- [ ] Monitoring Equip. not tested annually 2630, 2641 — V3003 T____

MONITORING REQUIREMENTS (SINGLE WALL)

- [ ] Leak Detection Method does not meet performance standards 2643 — V3014 T____
- [ ] Integrity test not conducted 25292 — V3015 T____
- [ ] Copy of tank test not submitted to HMMD within 30 days 2643 — V3016 T____
- [ ] Manual tank gauging (<2000 gal) 2645 not done properly — V3017 T____
- [ ] Reconciliation not done properly 2646 — V3018 T____
- [ ] Reconciliation not approved for facility 2646 — V3019 T____
- [ ] Dispenser meter(s) not calib annually 2646 — V3020 T____
- [ ] Improper liquid measurements 2646 — V3021 T____
- [ ] Stick in poor condition 2646 — V3022 T____
- [ ] Improper monthly reconciliation 2646 — V3023 T____
- [ ] Failed to report excessive variation 2646 — V3024 T____
- [ ] Pressurized Product Piping Leak Device not tested annually 25292 — V3025 T____
- [ ] No written monitoring procedure 2641 — V3027 T____
- [ ] No written emergency response plan 2641 — V3027 T____
- [ ] SIR reporting incorrectly done 2646.1 — V3004 T____

MONITORING REQUIREMENTS (DOUBLE WALL)

- [ ] Monitoring system not functional 2632 — V3026 T____
- [ ] No written monitoring procedure 2632 — V3027 T____
- [ ] Written emergency response plan not available 2632 — V3028 T____
- [ ] Spill/Overfill equip. not maintained or installed 2635 — V3029 T____

RELEASE REPORTING

- [ ] Failure to report an unauthorized release 25295 — V3009 T____
- [ ] Release record log not available 2651, 2650 — V3030 T____
- [ ] No leak report/investigation/action 2652 — V3031 T____

CLOSURE

- [ ] Temporary closure req. not completed 2671 — V3006 T____
- [ ] Unused tank not properly closed 25298 — V3032 T____
- [ ] Permanent closure req. not completed 2672 — V3033 T____
- [ ] Failed to apply for temporary closure 25298 — V3008 T____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.1105 — V2001 W____
- [ ] Business Plan not established/implemented 25503.5 — V2002 W____
- [ ] Business Plan not submitted to HMMD 25505 — V2007 W____
- [ ] Business Plan not amended 25505 — V2003 W____
- [ ] Personnel Training Records not available 19 CCR 2732 — V2302 W____

RELEASE REPORTING

- [ ] Failure to report a release/threatened release 25507 — V2008 W____

BUSINESS PLAN ELEMENTS

- [ ] Emergency Response Plan inadequate 25504 — V2201 W____
- [ ] Emergency Contacts not provided/current 25509 — V2203 W____
- [ ] Personnel Training Program inadequate 25504 — V2301 W____
- [ ] Inventory is incomplete 25504 — V2005 W____
- [ ] Site Map is not sufficient 25509 — V2202 W____
- [ ] Acutely Haz. Mat. not registered 25533 — V2009 W____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

Keith Newell — ESTABLISHMENT REPRESENTATIVE

2/5/97 — DATE SIGNED

Maintenance Supervisor — TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-923 (Rev. 10/96) NCR

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
P. O. BOX 85261
SAN DIEGO, CA 92186-5261
(619) 338-2222

COMP NO. 9704009

PROP 65 NO. _____

COMPLAINT/PROPOSITION 65 DISCLOSURE REPORT

DATE/TIME RECEIVED 1140 4/7/97

DATE/TIME OF INCIDENT 1100 am

LOCATION OF PROBLEM TB 1330 H-5
505 Otay Valley Rd

CITY Chula Vista ZIP 91911

NEAREST CROSS STREET Olc.

BUSINESS NAME NY PRO

ESTABLISHMENT NO. H 30637

PREVIOUS COMPLAINTS Yes NY PRO San Diego

REFERRED: YES _____ NO _____

AGENCY _____

RECEIVED BY Complaint Desk

ASSIGNED TO FER Ed Safe

REPORTED

AGENCY _____

ADDRESS _____

PHONE _____

_____ IMMEDIATE ACTION
_____ ROUTE TO SPECIALIST
_____ ROUTINE/WORK IN PROGRESS
_____ ACTION TAKEN BY OTHER AGENCY
_____ INFO PREVIOUSLY RECEIVED

REVIEWED BY _____

NATURE OF COMPLAINT/DISCHARGE Reported oil leaking onto driveways at business. Chula Vista Fire Dept on scene. Request Haz Cat.

ESTIMATED QUANTITY DISCHARGED _____ QUANTITY THREATENED TO BE RELEASED _____

HEALTH THREAT/EXPOSURES - EXPLAIN _____

CURRENT STATUS _____

A) Is this report being submitted as a Proposition 65 disclosure? YES _____ NO _____
B) Is the person making the report a designated government employee? YES _____ NO _____
C) Designated employee stated that discharge/threatened discharge is likely to cause substantial injury to the public health or safety. YES _____ NO _____

DATE INVESTIGATED 4-7-97 TIME START 1145 END 1415

ACTION TAKEN E. Slater responded. Business reported waste containers abandoned at rear of 505 Otay Valley Rd.
3 x 15 gal containers waste oil (10 gallons spilled from leaking container) and 60 lbs of High temp Grease were abandoned at rear of NY PRO.
Hwy Cat showed waste oil with no halogens. Grease Rep, cat by label and observation
NOV issued to business and property management see attached.

RESPONSIBLE PARTY Unknown

ADDRESS

PHONE VEHICLE DESCRIPTION

ENFORCEMENT AGENCIES CONTACTED: X YES ____ NO

____	FIRE	____	RWQCB
____	POLICE	____	COAST GUARD
____	CAL TRANS	____	CAL FISH & GAME
____	APCD	____	ODP
____	DEPT OF AGRICULTURE	X	OTHER Chula Vista Storm water
____	INDUSTRIAL WASTE	____	CAL OSHA

FURTHER ACTION NEEDED Yes, attach manifest to complaint
Notified Chula Vista City Storm water Program of this incident

COMPLAINT JUSTIFIED: X YES ____ NO

WRITTEN NOTICE ISSUED: X YES ____ NO

COMPLAINANT CONTACTED: X YES ____ NO

IF NO, WHY NOT? EXPLAIN

INVESTIGATOR Edward Slater DATE 4-7-97

DEH:HM-900a (Rev. 1/96)

County of San Diego
Department of Environmental Health

Hazardous Materials

Management Division

SAN DIEGO REGIONAL
HAZARDOUS MATERIALS QUESTIONNAIRE

AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

H-30637

BP 6/94

Business Name	Contact Person	Telephone
NYPCO San Diego	Michael LAmb	619 482 7053
Mailing Address	**City**	**State**	**Zip**	**Plan File#**
505 OTAY Valley Rd	Chula Vista	CA	91911	
Site Address	**City**	**State**	**Zip**	**Plan File#**
SAME				

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

1. Explosive or Blasting Agents
2. Compressed Gases
3. Flammable or Combustible Liquids
4. Flammable Solids
5. Organic Peroxides
6. Oxidizers
7. Pyrophorics
8. Unstable Reactives
9. Water Reactives
10. Cryogenics
11. Highly Toxic or Toxic Materials
12. Radioactives
13. Corrosives
14. Other Health Hazards

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW:

If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Management Division, 1255 Imperial Avenue, 3rd Floor, San Diego, CA 92186-5261. Telephone (619) 338-2222 prior to the issuance of a building permit.

FEES MAY BE REQUIRED

	Yes	No	
1.	☐	☒	Is your business listed on the reverse side of this form?
2.	☒	☐	Will your business dispose of Hazardous Substances or Medical Waste in any amount?
3.	☒	☐	Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet or carcinogens/reproductive toxins in any quantity?
4.	☐	☒	Will your business use an existing or install an underground storage tank?
5.	☐	☒	Will your business store or handle Acutely Hazardous Materials?

OFFICE USE ONLY

☐ RMPP Exempt

Date / Initials

☐ RMPP Required

Date / Initials

☐ RMPP Completed

Date / Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92123. Telephone (619) 694-3307 prior to the issuance of a building permit.

	YES	NO	
1.	☐	☒	Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form?
2.	☐	☐	(ANSWER ONLY IF QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 33190?

Briefly describe nature of the intended business activity:

Install Plastic Storage Silo At existing injection molding plant

Name of Owner or Authorized Agent:

Michael D Lamb

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Michael D Lamb

Do not write below this line

Date: 7/17/97

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____

BY: _____ Date: _____

EXEMPT FROM PERMIT REQUIREMENTS		APPROVED FOR BUILDING PERMIT BUT NOT OCCUPANCY		APPROVED FOR OCCUPANCY	
COUNTY-HMMD	APCD	COUNTY-HMMD	APCD	COUNTY-HMMD	APCD

COUNTY OF SAN DIEGO
REVIEWED
SIGNATURE
7-21-97
DATE
HMMD

Non-Residential
Disclosure-Yes
BP by 8/30/97

Environmental Health Services
DHS:HM-9171 (6/92)

County of San Diego
Department of Health Services

COUNTY OF SAN DIEGO

EST. NO. H 30637
DATE 7-22-98
TIME START 1305 END 1540
BUS. CODE K77
SPECIALIST MIKE MANN

COMPLIANCE INSPECTION REPORT

BUSINESS NAME NYPRO SAN DIEGO
ADDRESS 505 OTAY VALLEY RD.
CITY/ZIP CHULA VISTA 91911

CONTACT MIKE DONNELLY
TITLE CONTROLER
PHONE 482-7033

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

JUL 27 1998

ROUTINE INSPECTION P: 8/3/98 Cea

OBSERVED VIOLATIONS:

1. WASTE OIL HAS SPILLED/LEAKED ON TO THE CONCRETE COOLING WATER PAD. PLEASE CLEAN UP THE SPILLED WASTE OIL AND DISPOSE OF IT AS A HAZARDOUS WASTE. OPERATE THIS FACILITY IN A MANNER WHICH WILL MINIMIZE THE RELEASE OF HAZARDOUS WASTE TO THE ENVIRONMENT.

2. A 55 GALLON DRUM CONTAINING WASTE OIL IS NOT KEPT CLOSED. KEEP ALL CONTAINERS STORING HAZARDOUS WASTE CLOSED AT ALL TIMES EXCEPT WHEN ADDING OR REMOVING WASTE FROM THE CONTAINER. PLEASE INSTALL THE BUNG.

3. EMPLOYEE TRAINING RECORDS ARE NOT AVAILABLE FOR REVIEW. KEEP DOCUMENTATION OF ALL COMPLETED EMPLOYEE TRAINING ON HAZARDOUS WASTES/MATERIALS HANDLING AND EMERGENCY RESPONSE PROCEDURES. WITHIN 30 DAYS, SUBMIT PHOTOCOPIES OF THE PAST YEAR'S EMPLOYEE TRAINING DOCUMENTATION TO THIS OFFICE* FOR THE ATTENTION OF MIKE MANN. CONDUCT REFRESHER TRAINING AT LEAST ONCE EACH YEAR.

REMARKS:
- HAZARDOUS WASTE MANIFESTS/RECEIPTS ARE MAINTAINED ON SITE.

Signature of Business Representative | 7/22/98 Date Signed | Controller Title

* Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 129261, San Diego, CA, 92112-9261

(619) 338-2222

DEH:HM-924 (Rev. 2/98) NCR

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

County of San Diego
Department of Environmental Health

COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 30637
DATE 7 / 22 / 98
PAGE 2 OF 3

Office Use Only

BUSINESS ADDRESS: 505 OTAY VALLEY RD., CHULA VISTA ZIP CODE: 91911

REMARKS CONTINUED:

- KEEP A CURRENT COPY OF YOUR HAZARDOUS MATERIALS BUSINESS PLAN ON SITE AT ALL TIMES. PLEASE PROVIDE AN UPDATED LIST OF EMERGENCY COORDINATORS/CONTACTS TO THIS OFFICE.

- A CURRENT HEALTH PERMIT IS POSTED ON SITE.

Signature of Business Representative | Date Signed: 7/22/98 | Title: Controller

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-9110 (3/96) NCR

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 30637

DATE 7/22/98

PAGE 3 OF 3

BUSINESS ADDRESS: 505 OTAY VALLEY RD., CHULA VISTA 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.905 — V0108 W____
- [ ] No EPA Identification Number 66262.12 — V0105 W____
- [ ] Waste Manifests/Receipts not on-site for 3 years 66262.40 — V0118 W____
- [ ] Manifest not properly completed 66262.23 — V0120 W____
- [ ] Manifest copy not sent to DTSC 66262.23 — V0115 W____
- [ ] TSDF signed-manifest not on-site 66262.40 — V0121 W____
- [ ] Biennial report not sent to DTSC 66262.41 — V0122 W____
- [ ] LDR Documentation not available 66268.7 — V0123 W____
- [ ] Exception Rpt. not filed with DTSC 66262.42 — V0116 W____
- [ ] Operating TSDF without authorization 25201 — V0124 W____

STORAGE AND HANDLING

- [ ] Waste stored longer than 90, 180, or 270 days 66262.34 — V0221 W____
- [X] Failure to clean up hazwaste off of floor surface 66262.10b — V0313 W____
- [ ] Waste container missing/improperly labeled 66262.34 — V0222 W____
- [ ] Haz Materials not properly labeled 25124 — V0223 W____
- [X] Waste container not kept closed 66265.173 — V0202 W____
- [ ] Waste container in poor condition 66265.171 — V0205 W____
- [ ] Waste container(s) not properly managed 66265.173 — V0210 W____
- [ ] Damaged container not repackaged 66265.171 — V0226 W____
- [ ] Container incompatible with waste 66265.172 — V0207 W____
- [ ] Incompatibles in the same container 66265.177 — V0224 W____
- [ ] Incompatibles not stored separately 66265.177 — V0213 W____
- [ ] Ignitible Waste less than 50 feet 66265.176 — V0214 W____
- [ ] Ignitible Waste not grounded 66265.31 — V0215 W____
- [ ] Storage area not inspected weekly 66265.174 — V0216 W____

DISPOSAL AND TRANSPORTATION

- [ ] Unauth. disposal of waste to _____ 25189.5 — V0313 W____
- [ ] Waste determination not made 66262.11 — V0319 W____
- [ ] Unlawful transport of haz. waste 25163 — V0315 W____
- [ ] Waste transported without manifest 66262.20 — V0316 W____
- [ ] Extremely Haz Waste Permit not obtained 25205.7 — V0317 W____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- [X] Training records unavailable 66265.16 — V0405 W____
- [ ] Training program not adequate 66265.16 — V0406 W____
- [ ] Facility not designed to minimize release 66265.31 — V0501 W____
- [ ] Spill control equip not available 66265.32 — V0508 W____
- [ ] Aisle space is obstructed 66265.35 — V0509 W____
- [ ] Contingency plan not prepared and/or on file 66265.51, 66265.53 — V0609 W____

MISCELLANEOUS

- [ ] Waste oil contaminated 25250.7 — V0225 W____
- [ ] Used oil filters improperly managed 66266.130 — V0701 W____
- [ ] Damaged batteries improperly managed 66266.81 — V0702 W____
- [ ] Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered pemitting) — V0125 W____
- [ ] Onsite treatment of waste without authorization 25201 — V0125 W____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- [ ] Health Permit not obtained 68.1005, 25284 — V3002 T____
- [ ] Repair/modify/close permit not obtained 68.1005 — V3007 T____
- [ ] UST Permit Application not submitted 25286(a) — V3010 T____
- [ ] Operating permit conditions violated 2712 — V3011 T____
- [ ] Failed to notify HMMD of changes 25284 — V3012 T____
- [ ] No owner/operator agreement 25284 — V3005 T____
- [ ] No records of financial coverage 25292.2 — V3013 T____
- [ ] No maint/monit/calib records available 2712(b), 2641(j) — V3001 T____
- [ ] Monitoring Equip. not tested annually 2630, 2641 — V3003 T____

MONITORING REQUIREMENTS (SINGLE WALL)

- [ ] Leak Detection Method does not meet performance standards 2643 — V3014 T____
- [ ] Integrity test not conducted 25292 — V3015 T____
- [ ] Copy of tank test not submitted to HMMD within 30 days 2643 — V3016 T____
- [ ] Manual tank gauging (<2000 gal) 2645 not done properly — V3017 T____
- [ ] Reconciliation not done properly 2646 — V3018 T____
- [ ] Reconciliation not approved for facility 2646 — V3019 T____
- [ ] Dispenser meter(s) not calib annually 2646 — V3020 T____
- [ ] Improper liquid measurements 2646 — V3021 T____
- [ ] Stick in poor condition 2646 — V3022 T____
- [ ] Improper monthly reconciliation 2646 — V3023 T____
- [ ] Failed to report excessive variation 2646 — V3024 T____
- [ ] Pressurized Product Piping Leak Device not tested annually 25292 — V3025 T____
- [ ] No written monitoring procedure 2641 — V3027 T____
- [ ] No written emergency response plan 2641 — V3027 T____
- [ ] SIR reporting incorrectly done 2646.1 — V3004 T____

MONITORING REQUIREMENTS (DOUBLE WALL)

- [ ] Monitoring system not functional 2632 — V3026 T____
- [ ] No written monitoring procedure 2632 — V3027 T____
- [ ] Written emergency response plan not available 2632 — V3028 T____
- [ ] Spill/Overfill equip. not maintained or installed 2635 — V3029 T____

RELEASE REPORTING

- [ ] Failure to report an unauthorized release 25295 — V3009 T____
- [ ] Release record log not available 2651, 2650 — V3030 T____
- [ ] No leak report/investigation/action 2652 — V3031 T____

CLOSURE

- [ ] Temporary closure req. not completed 2671 — V3006 T____
- [ ] Unused tank not properly closed 25298 — V3032 T____
- [ ] Permanent closure req. not completed 2672 — V3033 T____
- [ ] Failed to apply for temporary closure 25298 — V3008 T____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.1105 — V2001 W____
- [ ] Business Plan not established/implemented 25503.5 — V2002 W____
- [ ] Business Plan not submitted to HMMD 25505 — V2007 W____
- [ ] Business Plan not amended 25505 — V2003 W____
- [ ] Personnel Training Records not available 19 CCR 2732 — V2302 W____

RELEASE REPORTING

- [ ] Failure to report a release/threatened release 25507 — V2008 W____

BUSINESS PLAN ELEMENTS

- [ ] Emergency Response Plan inadequate 25504 — V2201 W____
- [ ] Emergency Contacts not provided/current 25509 — V2203 W____
- [ ] Personnel Training Program inadequate 25504 — V2301 W____
- [ ] Inventory is incomplete 25504 — V2005 W____
- [ ] Site Map is not sufficient 25509 — V2202 W____
- [ ] Acutely Haz. Mat. not registered 25533 — V2009 W____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

Michael Connolly — 7/22/98 — Controller

ESTABLISHMENT REPRESENTATIVE | DATE SIGNED | TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-923 (Rev. 10/96) NCR

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 3
EST. NO. H 30637
DATE 9/30/99
TIME START 1:30 END 3:00
BUS. CODE KTT
SPECIALIST RIOS
CONTACT MYRON LAMB
TITLE FACILITIES TECH
PHONE (619) 482-7033

Processed 11/4/99 for FVE

BUSINESS NAME NYPRO SAN DIEGO

ADDRESS 505 OTAY VALLEY RD

CITY/ZIP CHULA VISTA 91911

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

OCT 12 1999

ROUTINE INSPECTION

OBSERVATIONS:

1). HEALTH PERMIT POSTED AND CURRENT

2). HAZARDOUS WASTE DISPOSAL RECEIPTS/MANIFESTS NOT ON SITE.

- CORRECTIVE ACTION: SUBMIT COPIES OF DISPOSAL RECORDS TO THIS *DEPT. ATTN RIOS WITHIN 10 DAYS. KEEP COPIES OF DISPOSAL RECORDS ON SITE FOR THE LAST THREE (3) YEARS.

3). EMPLOYEE SAFETY TRAINING RECORDS NOT AVAILABLE.

CORRECTIVE ACTION: CONDUCT SAFETY TRAINING (IE. EMERGENCY RESPONSE, STORAGE/HANDLING OF HAZARDOUS MATERIALS/WASTE) AT LEAST ONCE A YEAR AND KEEP ON FILE FOR REVIEW. SUBMIT TRAINING RECORDS TO THIS DEPT. ATTN: RIOS WITHIN 15 DAYS.

4) OBSERVED BUSINESS CAUSING THE DISPOSAL OF METAL SHAVINGS/TURNING TO TRASH

Signature of Business Representative | 9.30.99 Date Signed | FACILITIES TECH. Title

* Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222

DEH:HM-924 (Rev. 2/99) NCR

DISTRIBUTION: WHITE- RETURN TO HMD
YELLOW-BUSINESS RETAINS

County of San Diego
Department of Environmental Health

COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 30637
DATE 9/30/99
PAGE 3 OF 3

Office Use Only

BUSINESS ADDRESS: 505 Otay Valley Rd ZIP CODE: 91911

4). CORRECTIVE ACTION: IMMEDIATELY CEASE THE DISPOSAL OF METAL TURNING INTO TRASH UNTIL A WASTE DETERMINATION IS MADE. (WHETHER IS A HAZARDOUS WASTE (CALIFORNIA) OR NOT). START ACCUMULATING METAL TURNINGS IN A WASTE CONTAINER.

5. BUSINESS PLAN ON SITE. SITE MAP UPDATED DURING THIS INSPECTION.

Signature of Business Representative | 9.30.99 Date Signed | Facilities Tech Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-9110 (3/96) NCR

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 30637

DATE 9/30/99

PAGE 3 OF 3

BUSINESS ADDRESS: 505 Otay Valley Rd CV 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.905 — V0108 W____
- [ ] No EPA Identification Number 66262.12 — V0105 W____
- [✓] Waste Manifests/Receipts not on-site for 3 years 66262.40 — V0118 W✓ (1)
- [ ] Manifest not properly completed 66262.23 — V0120 W____
- [ ] Manifest copy not sent to DTSC 66262.23 — V0115 W____
- [ ] TSDF signed-manifest not on-site 66262.40 — V0121 W____
- [ ] Biennial report not sent to DTSC 66262.41 — V0122 W____
- [ ] LDR Documentation not available 66268.7 — V0123 W____
- [ ] Exception Rpt. not filed with DTSC 66262.42 — V0116 W____
- [ ] Operating TSDF without authorization 25201 — V0124 W____

STORAGE AND HANDLING

- [ ] Waste stored longer than 90, 180, or 270 days 66262.34 — V0221 W____
- [ ] Failure to clean up hazwaste off of floor surface 66262.10b — V0313 W____
- [ ] Waste container missing/improperly labeled 66262.34 — V0222 W____
- [ ] Haz Materials not properly labeled 25124 — V0223 W____
- [ ] Waste container not kept closed 66265.173 — V0202 W____
- [ ] Waste container in poor condition 66265.171 — V0205 W____
- [ ] Waste container(s) not properly managed 66265.173 — V0210 W____
- [ ] Damaged container not repackaged 66265.171 — V0226 W____
- [ ] Container incompatible with waste 66265.172 — V0207 W____
- [ ] Incompatibles in the same container 66265.177 — V0224 W____
- [ ] Incompatibles not stored separately 66265.177 — V0213 W____
- [ ] Ignitible Waste less than 50 feet 66265.176 — V0214 W____
- [ ] Ignitible Waste not grounded 66265.31 — V0215 W____
- [ ] Storage area not inspected weekly 66265.174 — V0216 W____

DISPOSAL AND TRANSPORTATION

- [✓] Unauth. disposal of waste to TRASH 25189.5 — V0313 W✓ (2)
- [ ] Waste determination not made 66262.11 — V0319 W____
- [ ] Unlawful transport of haz. waste 25163 — V0315 W____
- [ ] Waste transported without manifest 66262.20 — V0316 W____
- [ ] Extremely Haz Waste Permit not obtained 25205.7 — V0317 W____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- [✓] Training records unavailable 66265.16 — V0405 W✓ (3)
- [ ] Training program not adequate 66265.16 — V0406 W____
- [ ] Facility not designed to minimize release 66265.31 — V0501 W____
- [ ] Spill control equip not available 66265.32 — V0508 W____
- [ ] Aisle space is obstructed 66265.35 — V0509 W____
- [ ] Contingency plan not prepared and/or on file 66265.51, 66265.53 — V0609 W____

MISCELLANEOUS

- [ ] Waste oil contaminated 25250.7 — V0225 W____
- [ ] Used oil filters improperly managed 66266.130 — V0701 W____
- [ ] Damaged batteries improperly managed 66266.81 — V0702 W____
- [ ] Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered pemitting) — V0125 W____
- [ ] Onsite treatment of waste without authorization 25201 — V0125 W____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- [ ] Health Permit not obtained 68.1005, 25284 — V3002 T____
- [ ] Repair/modify/close permit not obtained 68.1005 — V3007 T____
- [ ] UST Permit Application not submitted 25286(a) — V3010 T____
- [ ] Operating permit conditions violated 2712 — V3011 T____
- [ ] Failed to notify HMMD of changes 25284 — V3012 T____
- [ ] No owner/operator agreement 25284 — V3005 T____
- [ ] No records of financial coverage 25292.2 — V3013 T____
- [ ] No maint/monit/calib records available 2712(b), 2641(j) — V3001 T____
- [ ] Monitoring Equip. not tested annually 2630, 2641 — V3003 T____

MONITORING REQUIREMENTS (SINGLE WALL)

- [ ] Leak Detection Method does not meet performance standards 2643 — V3014 T____
- [ ] Integrity test not conducted 25292 — V3015 T____
- [ ] Copy of tank test not submitted to HMMD within 30 days 2643 — V3016 T____
- [ ] Manual tank gauging (<2000 gal) 2645 not done properly — V3017 T____
- [ ] Reconciliation not done properly 2646 — V3018 T____
- [ ] Reconciliation not approved for facility 2646 — V3019 T____
- [ ] Dispenser meter(s) not calib annually 2646 — V3020 T____
- [ ] Improper liquid measurements 2646 — V3021 T____
- [ ] Stick in poor condition 2646 — V3022 T____
- [ ] Improper monthly reconciliation 2646 — V3023 T____
- [ ] Failed to report excessive variation 2646 — V3024 T____
- [ ] Pressurized Product Piping Leak Device not tested annually 25292 — V3025 T____
- [ ] No written monitoring procedure 2641 — V3027 T____
- [ ] No written emergency response plan 2641 — V3027 T____
- [ ] SIR reporting incorrectly done 2646.1 — V3004 T____

MONITORING REQUIREMENTS (DOUBLE WALL)

- [ ] Monitoring system not functional 2632 — V3026 T____
- [ ] No written monitoring procedure 2632 — V3027 T____
- [ ] Written emergency response plan not available 2632 — V3028 T____
- [ ] Spill/Overfill equip. not maintained or installed 2635 — V3029 T____

RELEASE REPORTING

- [ ] Failure to report an unauthorized release 25295 — V3009 T____
- [ ] Release record log not available 2651, 2650 — V3030 T____
- [ ] No leak report/investigation/action 2652 — V3031 T____

CLOSURE

- [ ] Temporary closure req. not completed 2671 — V3006 T____
- [ ] Unused tank not properly closed 25298 — V3032 T____
- [ ] Permanent closure req. not completed 2672 — V3033 T____
- [ ] Failed to apply for temporary closure 25298 — V3008 T____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.1105 — V2001 W____
- [ ] Business Plan not established/implemented 25503.5 — V2002 W____
- [ ] Business Plan not submitted to HMMD 25505 — V2007 W____
- [ ] Business Plan not amended 25505 — V2003 W____
- [ ] Personnel Training Records not available 19 CCR 2732 — V2302 W____

RELEASE REPORTING

- [ ] Failure to report a release/threatened release 25507 — V2008 W____

BUSINESS PLAN ELEMENTS

- [ ] Emergency Response Plan inadequate 25504 — V2201 W____
- [ ] Emergency Contacts not provided/current 25509 — V2203 W____
- [ ] Personnel Training Program inadequate 25504 — V2301 W____
- [ ] Inventory is incomplete 25504 — V2005 W____
- [ ] Site Map is not sufficient 25509 — V2202 W____
- [ ] Acutely Haz. Mat. not registered 25533 — V2009 W____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

ESTABLISHMENT REPRESENTATIVE	DATE SIGNED	TITLE
[signature]	9.30.99	Facilities Tech

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-923 (Rev. 1/98) NCR

ENTERED OCT 3 0 2007

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 4 DATE 9/18/07
PERMIT # 130637
TIME START 1230 END 230
BUS. CODE HK77
SPECIALIST GARCHITORENA
INSPECTION CONTACT/TITLE
RICH FREEMAN / MAINT. SUP.
PHONE: (619) 482-7033

BUSINESS NAME MYPRO SAN DIEGO
ADDRESS 505 MAIN ST
CITY/ZIP CHULA VISTA, CA 91911

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Y	N/A		Y	N/A	
☑	☐	Unified Program Facility Permit current and available			Permit Expires on: / /
☑	☐	Hazardous Materials Business Plan available	☐	☐	Contingency Plan available
☐	☐	Employee Training is adequate	☐	☐	Employee Training records available
☑	☐	Waste disposal records available for review	☐	☐	Waste containers kept closed
☑	☐	Emergency contacts current ☐ Updated today	☐	☐	Waste containers kept labeled
☐	☐	Chemical inventory current ☑ Updated today	☐	☐	Waste containers in good condition

ROUTINE INSPECTION WITH RICH FREEMAN.

- OBSERVATIONS / VIOLATION / NOTICE TO COMPLY:

(1) FAILED TO MAKE A PROPER WASTE DETERMINATION
. ACCORDING TO RICH FREEMAN (MAINT. SUPERVISOR) - USED SAND BLAT (SILICA SAND) WERE DISPOSED TO THE TRASH. NO WASTE DETERMINATION DONE ON THE WASTE.
- CONDUCT A WASTE DETERMINATION ON YOUR BLAST WASTE AND MANAGE IT ACCORDINGLY BASED ON THE ANALYTICAL TESTING RESULT OR MANAGE IT AS A HAZARDOUS WASTE FROM THE START OF GENERATION. ALSO STORE / CONTAIN THE WASTE PROPERLY.

RECEIVED OCT 04 2007

(2) - ACCUMULATED WASTE TOO LONG (MORE THAN 180 DAYS).
WASTE ETHANOL / ETHYL ACETATE STORED IN A 55 GAL STEEL DRUM. LAST DISPOSAL WAS IN FEBRUARY 2006; USED OIL LAST DISPOSAL RECORD WAS IN 2005.
- IMMEDIATELY DISPOSED OF THE WASTE ETHANOL / ETHYL ACETATE AND USED OIL. IN 30 DAYS, SUBMIT TO ME A COPY OF THE DISPOSAL RECEIPTS.

☐ This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Business Representative

Richard A Freeman
Signature of Business Representative

9/18/07
Date Signed

Maintenance & Facilities Mng.
Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (619) 338-2222 Fax: (619) 338-2377 1-800-253-9933 http://www.sdcounty.ca.gov/deh/hmd/index.html

COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 130637

DATE: 9/18/07

PAGE: 2 OF 4

Office Use Only

BUSINESS ADDRESS: 505 MAIN ST, CHULA VISTA ZIP CODE: 91911

CONTINUATION.

(3) FAILED TO PROPERLY LABEL/DATE HAZARDOUS WASTE CONTAINER

- ~~FOUR~~(4) 55 GAL DRUMS OF USED OIL MISSING THE HAZARDOUS WASTE LABEL.
- IMMEDIATELY PLACE A HAZARDOUS WASTE LABEL ON THE CONTAINER. ~~TO INCLUDE~~ COMPLETE ALL THE REQUIRED INFORMATION ON THE LABEL.
- IN 30 DAYS, SUBMIT PROOF OF COMPLIANCE (PHOTOS).

(4) FAILED TO KEEP CONTAINER CLOSED.

- OBSERVED 4X55 GAL CONTAINER OF USED OIL WITH OPEN BUNGS.
- IMMEDIATELY REPLACED THE BUNGS. KEEP CONTAINER CLOSE AT ALL TIMES WHEN NOT IN ACTIVE USE.
- IN 30 DAYS, SUBMIT PROOF OF COMPLIANCE (PHOTOS).

(5) DID NOT MAINTAIN &/OR OPERATE FACILITY TO PREVENT RELEASE

- OBSERVED A 5 GAL PLASTIC BUCKET IN THE WATER TREATMENT GROUND BREAK AREA CONTAINING USED OIL WITHOUT ANY LID. ALSO TWO (2) OF THE USED OIL DRUMS HAVE SPILLS ON THE TOP LID.
- STORE/CONTAIN USED OIL IN ITS PROPER CONTAINER. IF YOU ARE USING OTHER CONTAINER AS TEMPORARY CONTAINER, EMPTY IT ON A DAILY BASIS.
- CLEAN UP SPILLS OFF THE TOP LID. KEEP IT SPILL FREE.

Richard A. Thomas — Signature of Business Representative

9/18/07 — Date Signed

Maintenance & Facilities Mgr — Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222

DEH:HM-9110 (Rev. 2/99) NCR

DISTRIBUTION: WHITE-RETURN TO HMD
YELLOW-BUSINESS RETAINS

COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 120637

DATE: 9/18/07

PAGE: 3 OF 4

Office Use Only

BUSINESS ADDRESS: 505 MAIN ST., CHULA VISTA ZIP CODE: 91911

(C) - DID NOT HAVE ADEQUATE EMPLOYEE TRAINING PROGRAM FOR HAZMAT / HAZ WASTES.
(A) - EMPLOYEE TRAINING WAS NOT ADEQUATE - ENSURE TO COVER THE TRAINING TOPICS OF THE HAZARDOUS MATERIALS BUSINESS PLAN (HMBP).
- IN 30 DAYS, SUBMIT TRAINING RECORD AS PROOF OF COMPLIANCE.

(B) - SITE MAP IS NOT SUFFICIENT OR COMPLETE.
- REVISE SITE MAP TO INDICATE MORE OR LESS THE LOCATION OF YOUR HAZARDOUS MATERIALS / HAZARDOUS WASTES, EVACUATION AREA,
- IN 30 DAYS, SUBMIT A COPY OF THE REVISED MAP.

- MAINTAIN ONSITE RECEIPT OF YOUR SOLVENT DISPOSAL.
- RETURN CORRECTIVE ACTION FORM.
- ANY QUESTIONS, CALL ME AT 619-338-2416.

(B) MANAGE METAL CHIPS / TURNINGS AS A SCRAP. DO NOT THROW IT TO THE TRASH.

- TO ADD DEGREASER (1 X 55 GAL PLASTIC DRUM) TO INVENTORY.

Richard M. Lucero — Signature of Business Representative
9/18/07 — Date Signed
Maintenance Facilities Mgr. — Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222

DEH:HM-9110 (Rev. 2/99) NCR

DISTRIBUTION: WHITE-RETURN TO HMD
YELLOW-BUSINESS RETAINS

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 130637
DATE 9/18/07
PAGE 4 OF 4

BUSINESS ADDRESS: 505 MAIN ST., CHULA VISTA **ZIP:** 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC). Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR).
All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Viol #	V		VIOLATION DESCRIPTION
	☐	1001	UPF permit not obtained for hazardous materials. 68.905
	☐	1002	HMBP not established/implemented. 25503.5(a)
	☐	1004	HMBP not submitted to HMD. 25505(a)
	☐	1005	Emergency contact not provided or current. 25509(a)(7)
	☐	1007	Highly toxic gas (TLV≤10 ppm) not disclosed.68.1113(b)
	☐	1008	Annual carcinogen/reproductive toxin list not sent to HMD. 68.1113(c)
(8)	☒	1009	Site map is not sufficient or complete. 25509(a)(5) & 25505(a)(2)
	☐	1010	Did not report release or threatened release. 25507(a), CCR 2703
	☐	1013	Copy of HMBP not onsite for inspector's review. 25505(e)
	☐	1014	HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
(6)	☒	1015	Did not have adequate employee training program 2732 &/or 25504 (c)
	☐	1016	Failure to have an adequate emergency response plan 25504 (b); 2731
	☐	1017	Business Plan not certified annually. 25505(d) & (e)(2)
	☐	1018	Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510

HAZWASTE REQUIREMENTS FOR LQGs & SQGs

RECORDKEEPING

	☐	0131	Unified Program Facility (UPF) permit not obtained. SDCC 68.905
	☐	0132	Failed to obtain & maintain a valid EPA ID Number. 66262.12(a)
	☐	0133	Failed to send manifest copy to DTSC. 66262.23(a)(4)
	☐	0134	Failed to file Exception Report with DTSC. 66262.42
	☐	0135	Failed to keep waste manifests/receipts for 3 years available for inspection. 66262.40(a) & 25160.2(b)(3)
	☐	0136	Did not have records of battery disposal. 66266.81(a)(4)(B)
	☐	0137	Failed to complete manifest properly. 66262.23(a)
	☐	0138	Failed to have TSDF copy of manifest onsite. 66262.40(a)
	☐	0140	Failed to have LDR documentation onsite. 66268.7(a)(8)
	☐	0141	Failed to obtain approval for TSDF. 25201(a)
	☐	0142	Failed to notify CUPA for eligible onsite treatment. 25201(a)
	☐	0145	ERM reporting not submitted biennially &/or available. 25143.10
	☐	0146	Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Material (ERM). 25143.2(f) & 66261.2(g)
	☐	0147	Failed to keep universal waste record for 3 years for offsite shipment. SQH:66273.19(b)&(c)(2); LQH:66273.39(b)&(c)(2)
	☐	0148	Failed to keep copies of analytical results, waste analysis records, or waste determination results. (3 years) 66262.40(c)
	☐	0149	Failed to keep disposal receipts (3 years) for drained used oil filters and/or drained fuel filters. 25250.22 and 66266.130(c)(5)

DISPOSAL AND TRANSPORTATION

	☐	0301	Unauthorized disposal of hazardous waste. 25189.5(a) or 25189(d)
	☐	0302	Unlawful transportation of hazardous waste (HW). 25163(a)
	☐	0303	Did not use HW manifest for disposal.66262.20(a), 25160.2(b)9
(1)	☒	0304	Failed to make a proper waste determination. 66262.11 & 66260.200(c)
	☐	0305	Disposed of used oil illegally. 25250.5(a) and 25189.5(a)
	☐	0306	Disposed of latex paint illegally. 25217.1
	☐	0307	Disposal of universal waste to an unauthorized point. 25189.5(a); SQH:66273.11(a); LQH 66273.31(a)
	☐	0308	Impermissible dilution of hazardous waste. 66268.3(a)

HAZWASTE REQUIREMENTS FOR LQGs & SQGs

STORAGE AND HANDLING

Viol #	V		VIOLATION DESCRIPTION
	☐	0216	Failed to label hazardous materials within 10 days or less. 25124(b)(3)(A) & 66262.34(f)
	☐	0217	Failed to repackage damaged/deteriorated hazardous material container within 96 hours. 25124(b)(3)(B) & 66262.34(f)
	☐	0218	Failed to label &/or close drained ☐used oil filters &/or ☐ used fuel filters. 25250.22 and 66266.130(c)(3)
	☐	0219	Failed to properly segregate used oil &/or fuel drained from filters. 66266.130(c)(6) or 25250.22(b)(4)
	☐	0220	Spent lead acid batteries not properly managed. 66266.81
	☐	0221	Failed to comply with satellite regulations. 66262.34(e)
	☐	0222	Failed to properly label ERM. 25143.9(a)
	☐	0223	Failed to properly manage non-empty container or inner liner removed from a container. 66261.7 (b), (d) &/or (r)
	☐	0224	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).

HAZWASTE REQUIREMENTS FOR SQGs ONLY

STORAGE AND HANDLING-Pursuant to 66262.34(d)

(2)	☒	0225	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e) & (f), &/or 25201(a) [>90 days for an AHW waste]
	☐	0226	Did not accumulate waste in container or tank. 66262.34 (d)(2)
(3)	☒	0227	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
(4)	☒	0228	Failed to keep container closed. CFR 265.173
	☐	0229	Failed to conduct weekly inspections. CFR 265.174
	☐	0230	Failed to maintain aisle space. CFR 265.35
	☐	0231	Failed to properly separate incompatible wastes. CFR 265.177
	☐	0232	Waste accumulated in a container in poor condition. CFR 265.171
	☐	0233	Failed to use a lined/compatible container. CFR 265.172.
(5)	☒	0234	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

(7)	☒	0407	Employee training program not adequate. CFR 262.34(d)(5)(iii)
	☐	0408	Failed to post ER plan by phone. CFR 262.34(d)(5)(ii)
	☐	0409	Spill/fire control equip not available. CFR 265.32(c)
	☐	0410	Failed to equip facility with internal communication or alarm. CFR 265.32(a) & (b)
	☐	0411	Failed to carry out contingency plan during an emergency. CFR 262.34(d)(5)(iv)
	☐	0412	Failed to have an emergency coordinator on call or available during emergency. CFR 262.34(d)(5)(i)

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

	☐	1612	Hazardous waste improperly stored in a tank system that ☐leaks, ☐ is corroded, or ☐failing. CFR 265.201(b)(2)
	☐	1613	Failed to comply with tank standards which include: two feet of freeboard (where applicable), shut off for waste feed line, & daily and weekly inspections. CFR 265.201(b) & (c)
	☐	1614	Failed to properly complete &/or document closure for a hazardous waste tank. CFR 265.201(d) & 67383.3
	☐	1615	Failed to safely accumulate ignitable or reactive waste in a tank. CFR 265.201(e)
	☐	1616	Failed to safely manage incompatible waste in a tank. CFR 265.201(f)

Richard A. Zimmerman — SIGNATURE OF BUSINESS REPRESENTATIVE
9/18/07 — DATE SIGNED
Maintenance & Facilities Mgr. — TITLE OF BUSINESS REPRESENTATIVE

DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: **NYPRO SAN DIEGO**
ADDRESS: **505 MAIN ST**
CITY/ZIP: **CHULA VISTA** /**91911**

INSPECTION DATE: **03/14/2019**
RECORD ID #: **DEH2002-HUPFP-130637**
TIME START: **1:15 PM** END: **1:50 PM**
SPECIALIST: **Farnaz Farhang**
INSPECTION CONTACT: **Brian Charles**
TITLE: **Plant Manager**
PHONE: **(619) 651-9231**
E-MAIL: **brian_charles@jabil.com**

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
PERMIT EXPIRATION DATE: 04/30/2019
BALANCE DUE: $2,277.00
INSPECTOR: Farnaz Farhang
INSPECTION TYPE: Routine
INSPECTION STATUS: Pending Corrective Action

CERS

EPA ID NUMBER: CAR000006916
FACILITY CERS ID NUMBER: 10358584
CERS LEAD USER: brian charles
LAST CERS SUBMITTAL DATE: 02/13/2017
ENVIRONMENTAL CONTACT EMAIL: brian.charles@nypro.com
ENVIRONMENTAL CONTACT PHONE: 6196519231

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	☐	☒	HAZARDOUS MATERIALS:	☒	☐
CHANGE OF OWNER:	☐	☒	HAZARDOUS WASTE:	☒	☐
CHANGE IN BUSINESS TYPE:	☐	☒	ABOVEGROUND PETROLEUM STORAGE ACT:*	☒	☐
BUSINESS TYPE: Resin Manufacturer/User			TOTAL SHELL CAPACITY APSA:		5363
ISSUE INITIAL INVOICE:	☐	☒	UNDERGROUND STORAGE TANK:	☐	☒
ASSESS NON-NOTIFICATION FEE:	☐	☒	CALARP PROGRAM (CERS):	☐	☒
ASSESS RE-INSPECTION FEE:	☐	☒	CALARP PROGRAM LEVEL: 1 2 3		N/A
FACILITY SUBJECT TO BASE FEE:	☒	☐	MEDICAL WASTE:	☐	☒
FACILITY SUBJECT TO CUPA FEE:	☒	☐	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	☐	☒
UPDATE FACILITY ADDRESS IN AA:	☐	☒	EPIC PARTICIPANT:	☐	☒
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:		0

HW GENERATOR STATUS : LQG | **SQG** | CESQG | RCRA LQG | N/A

TIERED PERMIT LEVEL(S) : CESQT | CESW | CE-L | CE-CL | HHW | PBR | CA | **N/A**

PRIMARY BILLING CODE: Not Applicable
SECONDARY BILLING CODE: Not Applicable
TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: **GEN HAZMAT** | **APSA** | UST
HAZARDOUS WASTE: **SQG** | LQG

MEDICAL WASTE: SQG | SQG - TREATS | LQG | LQG - ABBREVIATED | LQG - TREATS
CALARP: 1 | 2 | 3
TIERED PERMITTING: CESQT | CESW | CE-L | CE-CL | CA | PBR | HHW

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT ☒ NAME: Brian Charles TITLE: Plant Manager

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT ☐ REFUSED TO SIGN ☐

TIME ACCOUNTING (Routine) **TOTAL TIME ENTERED: 0**

Date	Time	Group	Type
03/14/2019	0	HMD Inspection	APSA Level 1 - Record

INSPECTION REPORT EMAILS:
Farnaz.Farhang@sdcounty.ca.gov

COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: **NYPRO SAN DIEGO**
ADDRESS: **505 MAIN ST**
CITY/ZIP: **CHULA VISTA** /**91911**

INSPECTION DATE: **03/14/2019**
RECORD ID #: **DEH2002-HUPFP-130637**
TIME START: **1:15 PM** END: **1:50 PM**
SPECIALIST: **Farnaz Farhang**
INSPECTION CONTACT: **Brian Charles**
TITLE: **Plant Manager**
PHONE: **(619) 651-9231**
E-MAIL: **brian_charles@jabil.com**

RECORD COMMENT:

Routine inspection conducted on 3/12/19. Summary of violations was provided on 3/12/19 due to HMD time restriction. A full report was issued on 3/14/19.

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: **NYPRO SAN DIEGO**
ADDRESS: **505 MAIN ST**
CITY/ZIP: **CHULA VISTA** /**91911**

INSPECTION DATE: **03/14/2019** PAGE **1** OF **10**
RECORD ID #: **DEH2002-HUPFP-130637**
TIME START: **1:15 PM** END: **1:50 PM**
SPECIALIST: **Farnaz Farhang**
INSPECTION CONTACT: **Brian Charles**
TITLE: **Plant Manager**
PHONE: **(619) 651-9231**
E-MAIL: **brian_charles@jabil.com**

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
☒	☐	Unified Program Facility Permit Current	☒	☐	Contingency Plan Available ☐ LQG ☒ SQG
☒	☐	Hazardous Materials Business Plan Available	☒	☐	Employee Training Records Available
☒	☐	Employee Training is Adequate	☒	☐	Universal Waste Managed Properly
☒	☐	Waste Disposal Records Available for Review	☒	☐	Waste Containers ☒ Closed ☒ Labeled
☒	☐	Emergency Contacts Current ☒ Updated today	☒	☐	Waste Containers in Good Condition
☒	☐	Chemical Inventory/Map Current ☒ Updated today			Permit Expires On 04/30/2019

CONSENT TO CONDUCT INSPECTION GRANTED BY: Brian Charles TITLE: Plant Manager

INTRODUCTION:
The summary of violations was issued on 3/12/19 due to HMD time restriction. The full report was delivered on 3/14/19 with Brian Charles and Bernie Cazarez.

On 3/12/19 I conducted a routine inspection at NYPRO San Diego to verify compliance with Hazardous Materials Business Plan (HMBP) Requirements, Hazardous Waste generator requirements, and Aboveground Petroleum Storage Act (APSA) requirements. Brian Charles granted consent to conduct the inspection and review documents for the inspection. Also present, Bernie Cazarez, Safety Engineer who assisted with the walk through and will also be taking over the responsibilities as the Environmental Health Contact per Brian Charles. Also present during the inspection was Elaine Villena, Environmental Health Specialist with HMD. The following individuals assisted with questions during the inspection:

- Luis Guerrero, Warehouse lead
- Terry Grabau, Tooling Supervisor
- Miguel Gutierrez, Maintenance Supervisor

This facility specializes in manufacturing plastic molded parts for various health care services including diagnostics, medical device, pharmaceutical, and consumer health markets.

This facility currently requires a permit with the County HMD for the following programs:

- Hazardous Materials Business Plan (HMBP) requirements, for storing hazardous materials/waste at reportable amounts
- Hazardous waste generator requirements
- Aboveground Petroleum Storage Act (APSA) requirements for having a total storage capacity of ≥1,320 gals of petroleum product (based on the definition of petroleum in H&SC 25270.2(h))

Based on review of waste disposal documents, my observations, and statements made by Brians Charles, this facility appeared to be Small Quantity Generator (SQG) of hazardous waste (100 kg/month-1000 kg/month) and generates approximately 33-70 lbs/gal. of waste per month.

APSA Tier I Qualified Facility
Based on speaking with Brian Charles and the Spill Prevention, Control, and Countermeasure plan (SPCC) oil storage inventory, the aboveground petroleum storage capacity at this facility appeared to be at least 5,363 gal. This facility is considered a Tier I

Qualified Facility, meaning the total petroleum storage capacity on-site is less than 10,000 gals, and no one container exceeds 5,000 gals in capacity. 40 Code of Federal Regulations (CFR) §112.3(g)(1)

- This facility has a Professional Engineer (PE#C59211) certified SPCC plan, **last certified on 4/11/14**. Note, the SPCC plan must be certified every 5 years.
- According to the SPCC plan, the facility has 21 different sizes of oil filled operating equipment (mold injecting equipment) through out the facility, and the petroleum equipments storage capacity can range from 4.5-400 gal. Per Miguel Gutierrez, the facility has started transitioning into using electrical equipment in 2004 and is in the process of reducing the number of oil filled equipments.
- According to the SPCC plan, the oil filled operating equipments have general containment "Spill kit/drain mats/ inspection"
- According to the SPCC plan and my observation oil filled drums are placed on secondary containment pallets in the hazardous material/waste storage area.
- According to the SPCC plan, monthly visual inspections are conducted. Documents for monthly visual inspections for the past 3 years were available and reviewed.

I observed the following during today's inspection:

• Hydraulic oil: Approximately 5,110 gal. in the oil filled equipments + 2 x 55 gal. drums (in the hazardous materials/waste storage area) + 4 x 5 gal. container of mobile gear600XP
• Resin: Approximately 10000 lbs
• Resin - Linear low density polyethylene SILO 2: Approximately 55000 lbs
• Polyethylene 808A SILO 1: Approximately 55000 lbs
• Polypropylene: Approximately 26500 lbs
• PVC: Approximately 15000 lbs
• Amplify EA 100 Polymer: Approximately 6000 lbs
• Aluminum foil: Approximately 1000 lbs.
• Glass fiber reinforced pet (different colors): Approximately15000 lbs
• Cleaner/degreaser: Approximately 75 gal.
• Simple green: Approximately 55 gal.
• Clariant: Approximately 20000 lbs
• Lead acid batteries: Approximately 5176 lbs
• Alcohol: 2 x 55 gal. drums located in the flammable cabinet outside the facility, on the east side
• HDPE: Approximately 95000 lbs
• Lexan: Approximately 6000 lbs

• Oxygen: 3 x 300 cf. cylinders
• Propane: 5 x 8 gal. located in the cage outside the facility, on the east side

• Used hydraulic oil: 1 x 55 gal. drum (3/4 full, with accumulation date 2/29/18) + 2 x 55 gal. drums (full, with accumulation date 8/31/18)
• Oily absorbent/pads: 1 x 55 gal. drum (empty at the time of inspection)
• Used filters (paper): 1 x 55 gal. (3/4 full, with accumulation date 6/29/17)
• Ultrasonic cleaner: 1 x 17 gal. (serviced by Safety Kleen)

• Acetylene: 2 x 80 cf. cylinders (below HMBP reportable threshold)

VIOLATION # 1
3030010 Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)

Classification: Class II

Observations:
This facility is a Small Quantity Generator of hazardous waste and was observed to be storing hazardous waste in exceedance of hazardous waste generator requirements. I observed the following hazardous waste exceeding the storage time:

• Used hydraulic oil: 1 x 55 gal. drum (3/4 full, with accumulation date 2/29/18) + 2 x 55 gal. drums (full, with accumulation date 8/31/18)
• Used filters (paper): 1 x 55 gal. (3/4 full, with accumulation date 6/29/17)

The hazardous waste disposal records indicated the last used oil pick up took place on 8/3/18.

This violation was cited on 11/29/16 by HMD inspector Raisa Luna. BE ADVISED: repeated violation may lead to potential penalties/fees and/or possible enforcement.

Corrective Action Due By:04/11/2019
Immediately contact your registered hazardous waste transporter and properly dispose of all hazardous wastes exceeding the accumulation time limit. Within 30 days, provide documentation of corrective action, including hazardous waste manifests, to me via e-mail to your inspector. You may use the corrective action form at the end of this email. Be advised, Small Quantity Generators of hazardous waste must properly dispose of their waste within 180 days of the accumulation start date (HSC 66262.34). Develop a procedure to ensure that hazardous waste is not stored beyond the allowed accumulation periods.

VIOLATION # 2
1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Classification: Class II

Observations:
Facility's last CERS inventory submittal was dated on 2/13/17 did not include the following hazardous waste that was observed in today's inspection: Ultrasonic cleaner: 1 x 17 gal.

Per Brian Charles, the ultrasonic cleaner has been on-site for approximately 4 years.

This violation was cited on 11/29/16 by HMD inspector Raisa Luna. BE ADVISED: repeated violation may lead to potential penalties/fees and/or possible enforcement.

Corrective Action Completed During Inspection:
The following hazardous waste was added to CERS: Ultrasonic cleaner: 1 x 17 gal. and submitted for review.
Be advised that any change to your chemical inventory must be reported in CERS within 30 days.

INSPECTION REMARKS:
Action item:
Per Brian Charles, the Human Resource Manager and Safety Manager currently listed on the SPCC plan are no longer at the facility. **Within 30 days, update your SPCC plan to reflect these changes and ensure the emergency contact information are accurate. Provide documentation to your inspector that this change has been made.**
For more information on APSA and SPCC plan visit:
https://www.sandiegocounty.gov/deh/hazmat/hmd_apsa.html

Minor violation corrected on-site:

HMBP was not annually certified in the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. The last annual certification of this facility's Hazardous Materials Business Plan (HMBP) was on 2/13/17 and for the plan section it was on 12/5/16. Your HMBP must be certified at least once every 12 months to be complete and accurate in the California Environmental Reporting System. The following sections are required to be certified annually in CERS:
• Facility Information
• Chemical Inventory and Site Map
• Emergency Response and Employee Training Plans
An official notice for the delinquent annual hazardous materials business plan certification was mailed on 8/8/18.

Assistance with CERS was provided on 3/13/19 and HMBP was submitted and certified during the inspection. The following sections in CERS were updated:
• Secondary emergency contact information, environmental health contact information, and billing contact information;
• Federal hazard categories for all inventory items;
• Inventory item Acetylene was removed because it was under the reportable threshold (200 cf.). Per Brian Charles, they do not store or use more than 2 x 80 cf. of acetylene.
• The "units" and "state" for some of the inventory items that did not match were updated.
• The consolidated emergency reponse contingency plan was completed and submitted
• New inventory item "Ultrasonic washer waste fluid" was added to the inventory.
For assistance, visit our CERS Information webpage for guides and videos or call our CERS help line at (858) 505-6990 for one-on-one guidance.

Remember that your HMBP must be certified in CERS at least annually. Also note that any changes to information in CERS must be submitted within 30 days of the change occurring. Assistance in making CERS submittals is available from HMD by contacting your Inspector (contact information below) or by contacting our CERS Help Desk at 858-505-6990 Monday through Friday between 8:00 AM and 3:00 PM.

Additional remarks:
The EPA ID # (CAR000006916) for this facility is Active.
This facility's hazardous waste hauler is Asbury Environmental Services.
Per Brian Charles, the parts washer is serviced by Safety-Kleen every 6 weeks; the shop rags are serviced by Unifirst; lead acid batteries are recycled through Raymond.
The last disposal record was dated 3/5/19 and pick-ups occur approximately every 180 days per Brian Charles.
Waste disposal documents were available for review. Please continue to maintain documentation of proper waste disposal records readily available for review dating back 3 years.

Employee training documents (last dated 11/13/18) for the past 3 years were available and reviewed. Continue to maintain documentation of employee training readily available for review dating back 3 years.

The dumpster located outside of this facility was inspected.

Two sand blast machines were observed in the tool room. According to Terry Grabau, the machines have not been used for the past 8 months and no waste is generated from the sandblast machines. Be advised that it is the facility's responsibility to make a proper waste determination for all waste at the initial point of generation before it is mixed or diluted with other waste.
If you need help in waste determination and would like to test a sample, you may use any of the state certified lab found through: http://ww2.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx

Helpful Websites:
• For guidance documents on hazardous materials-related topics,

go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
• For information on the California Environmental Reporting System (CERS),
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
• If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html
• To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:
https://public.govdelivery.com/accounts/CASAND/subscriber/new

If you have any questions regarding this inspection, please contact Farnaz Farhang, 858-518-7385, Farnaz.Farhang@sdcounty.ca.gov

INSPECTION PHOTOS
None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE **Brian Charles**	SIGNATURE		DATE SIGNED **03/14/2019**
TITLE OF FACILITY REPRESENTATIVE **Plant Manager**			

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

FACILITY NAME: *NYPRO SAN DIEGO

ADDRESS: * 505 MAIN ST CITY/ZIP: *CHULA VISTA 91911

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#		VIOLATION DESCRIPTION
	☐ 1010001	Failed to establish and implement a HMBP. HSC 25505(a) and 25507(a)
	☐ 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); 27 CCR 15188(a),(b),(d)
	☐ 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); SDCC 68.904(b); HSC 25508(a)(1)(A)
2	☒ 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
	☐ 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
	☐ 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
	☐ 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
	☐ 1010010	Emergency response plan and procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
	☐ 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
	☐ 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
	☐ 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A); 19 CCR 2670, 2671
	☐ 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
	☐ 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
	☐ 1020001	Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4), 25508(a)(1)(A); 19 CCR 2658, 2659(a)
	☐ 1030001	(AWM) Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language. HSC 6.95 25507.1(a)(2); 19 CCR 2670, 2671
	☐ 1020002	Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
	☐ 1040001	Hazardous materials release or threatened release not immediately reported to the CUPA and OES upon discovery. HSC 25510(a); 19 CCR 2631(a)
	☐ HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
	☐ HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
	☐ HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed in CERS. SDCC 68.1113(a)
	☐ HMD1008	Annual carcinogen/reproductive toxin list not submitted in CERS. SDCC 68.1113(b)
	☐ 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#		VIOLATION DESCRIPTION
	☐ HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
	☐ 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
1	☒ 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f)
	☐ 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
	☐ 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
	☐ 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
	☐ 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
	☐ 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
	☐ 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
	☐ 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35
	☐ 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
	☐ 3020001	Failure to ensure employees are thoroughly familiar with proper waste handling and emergency procedures during normal facility operations and emergencies. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
	☐ 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.32
	☐ 3030039	Failed to have an emergency coordinator on the premises or on call, and available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
	☐ HMD0412	Failed to implement and/or coordinate emergency response measures during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION

☐ 3030024	Failed to operate uncovered tank to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
☐ 3030025	Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)
☐ 3030027	Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
☐ 3030028	Failed to conduct weekly hazardous waste tank inspection(s) to detect signs of leakage and ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4 & 5), 262.34(d)(3)
☐ 3050007	Failed to properly remove all waste upon closure, decontaminate, and document the closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
☐ HMD1612	Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)
☐ HMD1614	Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
☐ HMD1615	Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

#	VIOLATION DESCRIPTION
☐ HMD0131	Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
☐ HMD0150	Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b)
☐ 3030053	Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c)
☐ 3010002	Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
☐ 3010008	Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
☐ 3010009	Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42(b), (c), &/or (d)
☐ 3010010	Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3)
☐ 3010011	Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4)
☐ 3010013	Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2(b)(3) &/or (c)
☐ 3010014	Failed to retain at the generator's place of business disposal records of spent lead-acid batteries for at least 3 years. 22 CCR 66266.81(a)(4)(A) &/or (B)
☐ 3030006	Failed to determine if a hazardous waste is restricted or prohibited from land disposal and has to be treated. 22 CCR 66268.7(a)(1)
☐ 3010016	Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d)
☐ HMD0149	Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5)
☐ HMD0152	Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
☐ HMD0140	Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
☐ 3250005	Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
☐ 3050005	Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f)
☐ HMD0142	Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
☐ HMD0138	Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4)
☐ 3010035	Failure to annually submit notification of generator's intent to remotely consolidate hazardous waste. HSC 25110.10(d)

DISPOSAL AND TRANSPORTATION

#	VIOLATION DESCRIPTION
☐ 3010007	Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
☐ 3030005	Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
☐ 3050001	Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a)
☐ 3050002	Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a)
☐ HMD0308	Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
☐ HMD0305	Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a)
☐ HMD0306	Failed to properly dispose of oil-based paint &/or hazardous waste latex paint liquid. HSC 25217.1, 25189.5(a)

STORAGE AND HANDLING

#	VIOLATION DESCRIPTION
☐ 3030001	Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a)
☐ 3030003	Failed to properly manage 'damaged' spent lead acid batteries so as to minimize the release of acid and lead and to protect the handlers and the environment 22 CCR 66266.81(b)
☐ 3030004	Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
☐ 3050004	Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c)
☐ HMD0222	Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a)
☐ HMD0216	Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
☐ HMD0217	Failed to repackage and properly label damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
☐ HMD0219	Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
☐ 3030057	Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
☐ HMD0023	Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b), (d), (e) &/or (r)

☐ 3030058	Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)
☐ 3030060	Failure of the owner or operator managing laboratory hazardous waste in a laboratory accumulation area to comply with the accumulation, storage, management, training, and/or record-keeping requirements. HSC 25200.3.1(b) and/or (c)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	VIOLATION DESCRIPTION
☐ 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)
☐ HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
☐ 3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
☐ 3030008	Failed to properly label or mark Universal Waste container, package, or pallet (excluding CESQUWG) 22 CCR 66273.34
☐ 3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
☐ HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
☐ 3030051	Failed to meet accumulation, labeling, marking, &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
☐ 3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
☐ HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a); 22 CCR 66273.31(a), 66273.8(b)
☐ 3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)
☐ 3010020	Failure of a universal waste handler to submit an annual report that includes all required information to DTSC by February 1 of every year . 22 CCR 66273.32(d)
☐ 3010006	Failure of the universal waste handler who sends electronic devices or CRTs to any foreign destination to notify DTSC 60 days prior to export and send a copy to the CUPA. 22 CCR 66273.40(a)(3)

CERTIFIED APPLIANCE RECYCLER REQUIREMENTS

#	VIOLATION DESCRIPTION
☐ 3010033	Failure to obtain Certified Appliance Recycler certification (CAR) from DTSC. HSC 25211.4
☐ 3010034	Failure of certified appliance recycler (CAR) to provide documentation that all materials that require special handling (MRSH) have been properly removed and managed. HSC 25211.2, 25211.3
☐ 3030055	Failure of certified appliance recycler (CAR) to properly remove and dispose of all materials that require special handling (MRSH). HSC 25211.3, 25212 (a), (b), and/or (c)

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or San Diego County Code ("SDCC") indicated in italics. Incorporated provisions of Title 40 of the Code of Federal Regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use a DEH Corrective Action Form (HM-926) or other correspondence to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions.

GENERAL APSA FACILITY REQUIREMENT

(CHAPTER 6.67 OF DIVISION 20 OF THE HSC & SDCC)

#	VIOLATION DESCRIPTION
☐ 4010001	Failed to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan. HSC 25270.4.5(a), 40 CFR 112.3, 112.6
☐ 4030038	Failed to implement the SPCC Plan. HSC 25270.4.5(a), 40 CFR 112.3, 112.6
☐ 4010032	Failed to submit a tank facility statement or update/certify Business Plan annually. HSC 25270.6(a)(1) or (a)(2)
☐ 4010033	Failed to pay the APSA program fee or obtain Unified Program Facility Permit. HSC 25270.6(b), SDCC 68.905
☐ 4040001	Failed to immediately, upon discovery, report a one-barrel (42 gallons) or greater release of petroleum to Cal OES and the CUPA . HSC 25270.8
☐ 4010037	Failed to meet conditions of APSA exemption for oil-filled electrical equipment including containment and visual inspection. HSC 25270.2(a)(4)
☐ 4030043	Failed to have secondary containment and/or leak detection if piping connected to tank in an underground area (TIUGA) cannot be directly viewed on all sides. (Refer to HSC 6.67 for direct viewing; DOES NOT apply to: 1. Piping connected to a tank that contains new oil/used oil for lubricant or coolant in a motor engine or transmission, or oil-filled operational/manufacturing equipment. 2. Piping connected to a tank used solely in connection with a fire pump or emergency system, legally required by standby system, or optional standby system. 3. Piping connected to a petroleum hazardous waste tank that complies with hazardous waste tank standards (22 CCR Ch. 15, Art. 10) and facility has been issued a unified program facility permit pursuant to HSC 25404.2 for generation, treatment, accumulation, or storage of hazardous waste.) (24CCR Title 9 Section 5703.6.2.2.) HSC 25270.4.5(a), HSC 25270.2(o)(1)(C)(iv)(III)

REQUIREMENTS BASED ON 40 CFR 112.1-112.6

#	VIOLATION DESCRIPTION
☐ 4010035	Failed to prepare an appropriate SPCC Plan within six months when the facility no longer meets the conditions of a qualified facility. (40 CFR 112.3(a)(1), 112.3(g), 112.6.) HSC 25270.4.5(a)
☐ 4010047	(Qualified Facility only- Tier I or II) Failed to have management, or a Professional Engineer if applicable, certify the SPCC Plan and comply with the certification requirements. (40 CFR 112.6(a)(1), 112.6(b).) HSC 25270.4.5(a)
☐ 4010048	(Qualified Facility only- Tier I) Failed to certify the SPCC Plan according to 40 CFR 112.6(a)(1) if a technical change has been made to the facility design, construction, operation, or maintenance. (40 CFR 112.6(a)(2).) HSC 25270.4.5(a)
☐ 4010052	(Qualified Facility only- Tier II) Failed to have technical amendment(s) certified by management, or a Professional Engineer if applicable. (40 CFR 112.6(b)(2), 112.6(b)(2)(i).) HSC 25270.4.5(a)
☐ 4010054	(Qualified Facility only- Tier I) Failed to include in the SPCC Plan a prediction of direction and total quantity of oil potentially discharged from the facility as a result of each type of major equipment failure. (40 CFR 112.6(a)(3)(i).) HSC 25270.4.5(a)
☐ 4030041	(Qualified Facility only- Tier I) Failed to provide bulk storage containers/tanks with adequate sized secondary containment to contain the capacity of the largest container plus freeboard for precipitation; failed to position/locate mobile or portable containers to prevent a discharge. (40 CFR 112.6(a)(3)(ii).) HSC 25270.4.5(a)
☐ 4030042	(Qualified Facility only- Tier I) Failed to provide systems or follow procedures to prevent overfills as described in the SPCC Plan; failed to routinely test overfill equipment to ensure proper operation. (40 CFR 112.6(a)(3)(iii).) HSC 25270.4.5(a)
☐ 4010003	Failed to have a Professional Engineer certify and review the SPCC Plan. (40 CFR 112.3(d).) HSC 25270.4.5(a)
☐ 4010008	Failed to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended. (40 CFR 112.3(e)(1).) HSC 25270.4.5(a)
☐ 4010010	Failed to make SPCC Plan technical amendment(s) within six months when the facility has had a change in design, construction, operation, or maintenance which affects the facility's discharge potential; failed to implement within six months following preparation of the amendment. (40 CFR 112.5(a), 112.5(b).) HSC 25270.4.5(a)
☐ 4010009	Failed to perform and properly document a five-year review of the SPCC Plan. (40 CFR 112.5(b).) HSC 25270.4.5(a)
☐ 4010039	Failed to have technical amendments certified by a licensed Professional Engineer. (40 CFR 112.5(c).) HSC 25270.4.5(a)

GENERAL SPCC REQUIREMENTS

BASED UPON 40 CFR 112.7

#	VIOLATION DESCRIPTION
☐ 4010012	Failed to prepare a written SPCC Plan in accordance with good engineering practices and any applicable more stringent State rules, regulations, and guidelines; failed to prepare a SPCC Plan that follows the sequence of rule or provides a cross-reference; failed to prepare a SPCC Plan that addresses additional procedures/methods/equipment not fully operational; failed to obtain facility management approval for implementation of the SPCC Plan . (40 CFR 112.7 and 112.7(a)(1).) HSC 25270.4.5(a)
☐ 4010014	Failed to include alternative environmental protection to SPCC requirements within SPCC Plan. (40 CFR 112.7(a)(2).) HSC 25270.4.5(a)
☐ 4010015	Failed to include in the SPCC Plan an adequate facility diagram, or no facility diagram included. The facility diagram is not required for a Tier I Qualified Facility. (40 CFR 112.7(a)(3).) HSC 25270.4.5(a)
☐ 4010016	Failed to adequately describe in the SPCC Plan the physical layout of facility, types of oil and storage capacities, tanks, containers, equipment, mobile refuelers, portable containers, transfer operations, and other required information. (40 CFR 112.7(a)(3), 112.7(a)(3)(i-vi).) HSC 25270.4.5(a)
☐ 4010017	Plan does not contain procedures for reporting a discharge, and/or a contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with an agreement for response, and all appropriate Federal, State, and local agencies. (40 CFR 112.7(a)(4).) HSC 25270.4.5(a)
☐ 4010018	Discharge response procedures are not adequately organized to be readily accessible in an emergency. (40 CFR 112.7(a)(5).) HSC 25270.4.5(a)
☐ 4010019	Failed to include in the SPCC Plan a prediction of the direction, rate of flow, and total quantity of oil that could be discharged for each type of major equipment failure where experience indicates a reasonable potential for equipment failure. (40 CFR 112.7(b).) HSC 25270.4.5(a)
☐ 4010020	(General Containment) Failed to provide, or include in the SPCC Plan, the appropriate containment, diversionary structures, or equipment to prevent a discharge that will not escape containment before cleanup occurs, including typical failure mode and most likely quantity of discharge. (40 CFR 112.7(c).) HSC 25270.4.5(a)
☐ 4010004	Failed to clearly explain why appropriate containment/diversionary structures are not practicable and/or SPCC Plan claiming impracticability is not certified by a licensed Professional Engineer. (40 CFR 112.7(d).) HSC 25270.4.5(a)
☐ 4010005	Failed to prepare an Oil Spill Contingency Plan following the provisions of 40 CFR Part 109 for impracticability claim. (40 CFR 112.7(d)(1).) HSC 25270.4.5(a)
☐ 4010006	Failed to provide a written commitment of manpower, equipment, materials when claiming impracticability. (40 CFR 112.7(d)(2).) HSC 25270.4.5(a)

☐ 4010021	Failed to have record of inspections and integrity tests signed by the appropriate supervisor or inspector, keep written procedures and records of inspections and integrity tests for at least three years, and/or keep comparison records. (40 CFR 112.7(e), 112.8(c)(6).) HSC 25270.4.5(a)
☐ 4020001	Failed to train oil-handling personnel on: operation/maintenance of equipment to prevent discharges; discharge procedure protocols; applicable laws, rules, and regulations; general facility operations; and the contents of the SPCC Plan. (40 CFR 112.7(f)(1).) HSC 25270.4.5(a)
☐ 4010022	Failed to designate person accountable for discharge prevention who reports to facility management. (40 CFR 112.7(f)(2).) HSC 25270.4.5(a)
☐ 4010023	Failed to conduct annual discharge prevention briefings to ensure understanding of SPCC plan. (40 CFR 112.7(f)(3).) HSC 25270.4.5(a)
☐ 4030001	Failed to address security and access control of the oil handling, processing, and storage areas to both prevent acts of vandalism and assist in discovery of discharges. (40 CFR 112.7(g).) HSC 25270.4.5(a)
☐ 4030002	(For loading/unloading racks) Failure of the secondary containment, and/or rack drainage to flow to a catchment basin, treatment system, or quick drainage system, and hold at least the maximum capacity of the largest single compartment of any tank car or tank truck. (40 CFR 112.7(h)(1).) HSC 25270.4.5(a)
☐ 4030003	(For loading/unloading racks) Failed to provide an interlocked warning light or physical barriers, warning signs, wheel chocks, or vehicle brake interlock system in the area adjacent to the loading/unloading rack to prevent vehicles from departing before complete disconnection of transfer lines. (40 CFR 112.7(h)(2).) HSC 25270.4.5(a)
☐ 4030016	Failed to evaluate field-constructed storage tank for brittle fracture or other catastrophe and take appropriate action. (40 CFR 112.7(i).) HSC 25270.4.5(a
☐ 4010013	Failure to discuss in the SPCC Plan conformance with SPCC requirements and other effective discharge prevention and containment procedures or any more stringent State rules, regulations and guidelines. (HSC 6.67 25270.4.5(a); 40 CFR 112.7(a)(1), 112.7(j))
☐ 4030034	(For oil-filled operational equipment) Failed to provide general secondary containment or fulfill alternative requirements to general secondary containment. (40 CFR 112.7(k).) HSC 25270.4.5.(a)

SPCC REQUIREMENTS BASED UPON 40 CFR 112.8 & 112.20

REFER TO APSA (HSC CHAPTER 6.67) FOR DEFINITION OF "STORAGE TANK"

#	VIOLATION DESCRIPTION
☐ 4010027	Failed to restrain drainage from diked storage areas by valve(s) or manually activated pump/ejector to prevent discharge. (40 CFR 112.8(b)(1).) HSC 25270.4.5(a)
☐ 4030005	Failed to use valves of manual, open-and-closed design, for drainage of diked areas. (40 CFR 112.8(b)(2).) HSC 25270.4.5(a)
☐ 4030008	Facility drainage system from undiked areas not designed/equipped to retain oil or return oil to facility and/or failed to ensure catchment basin is not in an area subject to flooding. (40 CFR 112.8(b)(3), 112.8(b)(4).) HSC 25270.4.5(a)
☐ 4030009	Failed to provide at least two lift pumps and permanently install at least one pump where drainage waters are treated in more than one treatment unit and such treatment is continuous, and pump transfer is needed. (40 CFR 112.8(b)(5).) HSC 25270.4.5(a)
☐ 4030012	Storage tanks not compatible with materials stored or conditions of storage. (40 CFR 112.8(c)(1).) HSC 25270.4.5(a)
☐ 4030010	(Sized Containment) Secondary containment not sized to contain the entire capacity of the largest single storage tank plus freeboard for precipitation. (40 CFR 112.8(c)(2).) HSC 25270.4.5(a)
☐ 4030013	Failure to ensure diked areas are sufficiently impervious to contain discharged oil. (40 CFR 112.8(c)(2).) HSC 25270.4.5(a)
☐ 4030006	Failed to ensure all of the following before allowing drainage of uncontaminated rainwater from diked area: keep bypass valve normally sealed closed, inspect the retained rainwater, and open then reseal bypass valves under responsible supervision. (40 CFR 112.8(c)(3).) HSC 25270.4.5(a)
☐ 4010026	Failed to maintain adequate records (or NPDES permit records) of drainage from diked areas. (40 CFR 112.8(c)(3)(iv).) HSC 25270.4.5(a)
☐ 4030017	Failed to provide corrosion protection for partially buried storage tanks. (40 CFR 112.8(c)(5).) HSC 25270.4.5(a)
☐ 4030015	Failed to test or inspect each aboveground tank or container for integrity on a regular schedule and after material repairs. (40 CFR 112.8(c)(6).) HSC 25270.4.5(a)
☐ 4030014	Failed to ensure tanks are inspected and tested by an appropriately qualified person in accordance with industry standards. (40 CFR 112.8(c)(6).) HSC 25270.4.5(a)
☐ 4010028	Failed to include in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards on a regular schedule, after material repairs are made, by qualified personnel; failed to include the frequency and type of testing and inspections based on container size, configuration, and design. (40 CFR 112.8(c)(6).) HSC 25270.4.5(a)
☐ 4030018	Failure of steam return/exhaust of internal heating coils, which discharge into an open water course, to be monitored, passed through a settling tank, skimmer, or other separation system. (40 CFR 112.8(c)(7).) HSC25270.4.5(a)
☐ 4030019	Failed to engineer or update each container/tank installation in accordance with good engineering practice to avoid discharges and/or failed to provide at least one of the following devices: audible/visual high liquid level alarm, high liquid level pump cutoff devices, audible or code signal communications between tank gauge and pumping station, or fast response system for determining liquid levels, such as computers, telepulse or direct vision gauges. (40 CFR 112.8(c)(8)(i-iv).) HSC 25270.4.5(a)
☐ 4030022	Failed to regularly test liquid level sensing devices to ensure proper operation. (40 CFR 112.8(c)(8)(v).) HSC 25270.4.5(a)
☐ 4030023	Failed to observe effluent treatment facilities frequently enough to detect any potential for discharges as described in 40 CFR 112.1(b). (40 CFR 112.8(c)(9).) HSC 25270.4.5(a)
☐ 4030021	Failed to promptly correct visible discharges and/or remove any accumulations of oil in diked areas. (40 CFR 112.8(c)(10).) HSC 25270.4.5(a)
☐ 4030020	(For mobile or portable storage tanks EXCEPT mobile refuelers) Failed to position or locate mobile or portable storage container, and/or failure to provide secondary containment with sufficient capacity to contain the largest single mobile or portable container/compartment and sufficient freeboard for precipitation. (40 CFR 112.8(c)(11).) HSC 25270.4.5(a)
☐ 4030025	Failed to inspect buried piping when exposed for any reason; failed to do additional examination or take corrective action if corrosion damage is identified. (40 CFR 112.8(d)(1).) HSC 25270.4.5(a)
☐ 4030027	Failed to provide corrosion protection for buried piping. (40 CFR 112.8(d)(1).) HSC 25270.4.5(a)
☐ 4030028	Failed to cap/blank-flange piping connection at transfer point and mark its origin if not in service. (40 CFR 112.8(d)(2).) HSC 25270.4.5(a)
☐ 4030029	Failed to design pipe supports to minimize abrasion/corrosion and to allow for expansion/contraction. (40 CFR 112.8(d)(3).) HSC 25270.4.5(a)
☐ 4030026	Failed to regularly inspect aboveground valves, piping, and appurtenances. (40 CFR 112.8(d)(4).) HSC 25270.4.5(a)
☐ 4030030	Failed to conduct integrity and leak test on buried piping at installation, modification, construction, relocation or replacement. (40 CFR 112.8(d)(4).) HSC 25270.4.5(a)
☐ 4030031	Failed to adequately warn vehicles entering facility to protect piping and other transfer operations. (40 CFR 112.8(d)(5).) HSC 25270.4.5(a)
☐ 4010044	Failed to complete and maintain at the facility the Substantial Harm Criteria certification form when owner or operator determines that the facility could not be reasonably expected to cause substantial harm to the environment. (40 CFR 112.20(e).) HSC 25270.4.5(a)

COUNTY OF SAN DIEGO

CORRECTIVE ACTION FORM TO DOCUMENT RETURN TO COMPLIANCE

FACILITY NAME: **NYPRO SAN DIEGO**
ADDRESS: **505 MAIN ST**
CITY/ZIP: **CHULA VISTA** /**91911**

INSPECTION DATE: **03/14/2019**
RECORD ID #: **DEH2002-HUPFP-130637**
SPECIALIST: **Farnaz Farhang**
INSPECTION CONTACT: **Brian Charles**
TITLE: **Plant Manager**
PHONE: **(619) 651-9231**
E-MAIL: **brian_charles@jabil.com**

VIOL#	DATE CORRECTED	INDICATE HOW VIOLATIONS WERE CORRECTED (Attach Any Supporting Documentation)	DUE DATE
#**1** 3030010			04/11/2019
#**2** 1010004	03/14/2019	Corrected during inspection	04/11/2019

I certify under penalty of law that this facility has corrected all violations marked on the Compliance Inspection Report/Notice of Violation. I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility, and am aware that there are significant penalties for submitting false information.

PRINTED NAME OF FACILITY REPRESENTATIVE	SIGNATURE		DATE SIGNED
TITLE OF FACILITY REPRESENTATIVE			

SEND COMPLETED FORM AND SUPPORTING DOCUMENTATION TO THE ADDRESS LISTED BELOW

COUNTY OF SAN DIEGO USE ONLY

REVIEWED BY: _____ DATE: _____

SPECIALIST'S COMMENTS:

☐ All violations noted on date listed above were corrected

☐ Based On Information Provided By The Facility ☐ RTC entered by Specialist on: _____

☐ Based On Field Verification By Specialist ☐ RTC entered by Office Assistant on: _____

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
http://www.sdcdeh.org 858-505-6880

COUNTY OF SAN DIEGO

8-23-96

Page 1 of 2

EST. NO. H 35978
DATE 8/7/96
TIME START 10 END 11 55
BUS. CODE K70
SPECIALIST ESTOLANO, G
CONTACT VIRGIL BENTON
TITLE OPERATIONS MANAGER
PHONE (619) 656-2050

COMPLIANCE INSPECTION REPORT

BUSINESS NAME KEYSTONE AUTOMOTIVE
ADDRESS 1670 Brandywine Avenue #3
CITY/ZIP Chula Vista CA 91911

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

AUG 2 9 1996

MSDS FOR H2O BASE TRIMCO - PRIMER

ROUTINE INSPECTION:

Processed 10/4/96 & File

618-6942

1. OBTAIN AN EPA ID # BY CALLING 1-800-61-TOXIC. @ 694-3340
2. CALL AIR POLLUTION CONTROL DISTRICT AND INQUIRE ABOUT REQUIREMENTS FOR PERMITTING PAINT BOOTH.
3. COMPLETE HAZARDOUS MATERIALS BUSINESS PLAN E' MAIL TO my ATTENTION WITHIN 5 WORKING DAYS (By 8/14/96) HMBP
4. USE HMBP AS PART OF EMPLOYEE TRAINING. ANNUAL EMPLOYEE TRAINING MUST INCLUDE HAZARDOUS MATERIALS/WASTE MANAGEMENT, SPILL CONTROL AND EMERGENCY PROCEDURES.
   - MAIL TO my ATTENTION DOCUMENTATION OF TRAINING By 8/21/96
5. OBSERVED THAT BUMPERS ARE SANDED AND THAT PAINT CHIPS/SAND ARE GENERATED / SANDBLAST WASTE ALSO GENERATED
   - COLLECT CHIPS/SAND IN A CLOSED, LABELED CONTAINER
   - PERFORM WASTE DETERMINATION OR MANAGE AS A HAZARDOUS WASTE.
6. DISPOSE OF OFF SPEC/OUTDATED MATERIALS ANNUALLY AT A MINIMUM.

Charles L Smith — 8-7-96 — WAREHOUSE MANAGER

Signature of Business Representative — Date Signed — Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DEH:HM-924 (Rev. 1/96) NCR

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

County of San Diego
Department of Environmental Health

COUNTY OF SAN DIEGO

EST. NUMBER H HE 35978

DATE 8/07/96

PAGE 2 OF 2

COMPLIANCE INSPECTION REPORT

BUSINESS ADDRESS: 1670 ~~Broadway~~ Brandywine, Chula Vista CA 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.905 V0108 W
- [X] No EPA Identification Number 66262.12 V0105 W
- [ ] Waste Manifests/Receipts not on-site for 3 years 66262.40 V0118 W
- [ ] Manifest not properly completed 66262.23 V0120 W
- [ ] Manifest copy not sent to CAL-EPA 66262.23 V0115 W
- [ ] TSDF signed-manifest not on-site 66262.40 V0121 W
- [ ] Biennial report not sent to CAL-EPA 66262.41 V0122 W
- [ ] LDR Documentation not available 66268.7 V0123 W
- [ ] Exception Rpt. not filed with CAL-EPA 66262.42 V0116 W
- [ ] Operating TSDF without authorization 25201 V0124 W

STORAGE AND HANDLING

- [ ] Waste stored longer than 90 days 66262.34 V0221 W
- [ ] Waste container missing/improperly labeled 66262.34 V0222 W
- [ ] Haz Materials not properly labeled 25124 V0223 W
- [ ] Waste container not kept closed 66265.173 V0202 W
- [ ] Waste container in poor condition 66265.171 V0205 W
- [ ] Waste container(s) not properly managed 66265.173 V0210 W
- [ ] Damaged container not repackaged 66265.171 V0226 W
- [ ] Container incompatible with waste 66265.172 V0207 W
- [ ] Incompatibles in the same container 66265.177 V0224 W
- [ ] Incompatibles not stored separately 66265.177 V0213 W
- [ ] Ignitible Wastes less than 50 feet 66265.176 V0214 W
- [ ] Ignitible Wastes not grounded 66265.31 V0215 W
- [ ] Storage area not inspected weekly 66265.174 V0216 W

DISPOSAL AND TRANSPORTATION

- [ ] Unauth. disposal of waste to _____ 25189.5 V0313 W
- [X] Waste determination not made 66262.11 V0319 W
- [ ] Unlawful transport of haz. waste 25163 V0315 W
- [ ] Waste transported without manifest 66262.20 V0316 W
- [ ] No Extremely Haz. Waste Permit 67430.1 V0317 W

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- [ ] Training records unavailable 66265.16 V0405 W
- [ ] Training program not adequate 66265.16 V0406 W
- [ ] Facility not designed to minimize release 66265.31 V0501 W
- [ ] Spill control equip not available 66265.32 V0508 W
- [ ] Aisle space is obstructed 66265.35 V0509 W
- [ ] Contingency plan not prepared and/or on file 66265.51, 66265.53 V0600 W

MISCELLANEOUS

- [ ] Waste oil contaminated 25250.7 V0225 W
- [ ] Used oil filters improperly managed 66266.130 V0701 W
- [ ] Damaged batteries improperly managed 66266.81 V0702 W

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- [ ] Health Permit not obtained 68.1005, 25284 V3002 T
- [ ] Repair/modify/close permit not obtained 68.1005 V3007 T
- [ ] UST Permit Application not submitted 25286(a) V3010 T
- [ ] Operating permit conditions violated 2712 V3011 T
- [ ] Failed to notify HMMD of changes 25284 V3012 T
- [ ] No owner/operator agreement 25293 V3005 T
- [ ] No records of financial coverage 25292.2 V3013 T
- [ ] No maint/monit/calib records available 2712(b), 2641i V3001 T

MONITORING REQUIREMENTS (SINGLE WALL)

- [ ] Leak Detection Method does not meet performance standards 2643 V3014 T
- [ ] Annual Integrity test not conducted 25292 V3015 T
- [ ] Copy of tank test not submitted to HMMD within 30 days 2643 V3016 T
- [ ] Manual tank gauging (<2000 gal) 2645 not done properly V3017 T
- [ ] Reconciliation not done properly 2646 V3018 T
- [ ] Reconciliation not approved for facility 2646 V3019 T
- [ ] Dispenser meter(s) not calib annually 2646 V3020 T
- [ ] Improper liquid measurements 2646 V3021 T
- [ ] Stick in poor condition 2646 V3022 T
- [ ] Improper monthly reconciliation 2646 V3023 T
- [ ] Failed to report excessive variation 2646 V3024 T
- [ ] Pressurized Product Piping Leak Device not tested annually 25292 V3025 T

MONITORING REQUIREMENTS (DOUBLE WALL)

- [ ] Monitoring system not functional 2632 V3026 T
- [ ] No written monitoring procedure 2632 V3027 T
- [ ] Written response plan not available 2632 V3028 T
- [ ] Spill/Overfill equip. not maintained or installed 2635 V3029 T

RELEASE REPORTING

- [ ] Failure to report an unauthorized release 25295 V3009 T
- [ ] Release record log not available 2651, 2650 V3030 T
- [ ] No leak report/investigation/action 2652 V3031 T

CLOSURE

- [ ] Temporary closure req. not completed 2671 V3006 T
- [ ] Abandoned tank not properly closed 25298 V3032 T
- [ ] Permanent closure req. not completed 2672 V3033 T

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.1105 V2001 W
- [ ] Business Plan not established/implemented 25503.5 V2002 W
- [ ] Business Plan not submitted to HMMD 25505 V2007 W
- [ ] Business Plan not amended 25505 V2003 W
- [ ] Personnel Training Records not available 2732 V2302 W

RELEASE REPORTING

- [ ] Failure to report a release/threatened release 25507 V2008 W

BUSINESS PLAN ELEMENTS

- [ ] Emergency Response Plan inadequate 25504 V2201 W
- [ ] Emergency Contacts not provided/current 25509 V2203 W
- [ ] Personnel Training Program inadequate 25504 V2301 W
- [ ] Inventory is incomplete 25504 V2005 W
- [ ] Site Map is not sufficient 25509 V2202 W
- [ ] Acutely Haz. Mat. not registered 25533 V2009 W

An inspection summary report will be mailed shortly. All violations must be corrected. Please call (619) 338-2222 if you have any questions.

Charles R Smith — ESTABLISHMENT REPRESENTATIVE

WAREHOUSE MANAGER — TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-923 (Rev. 1/95) NCR

Hazardous Materials

APCD 12/1/95

SAN DIEGO REGIONAL

H35978 (K20)

HAZARDOUS MATERIALS QUESTIONNAIRE

Management Division

RECEIVED
SEP 5 10 51 AM '96
ENVIRONMENTAL HEALTH SERVICES

Business Name	Contact Person	Telephone
KEYSTONE AUTOMOTIVE	VIRGIL BENTON	258-7530

Mailing Address	City	State	Zip	Plan File#
11 30TH STREET	SAN DIEGO	CA	92102	

Site Address	City	State	Zip	Plan File#
1670 BROADWAY AVE SUITE D	CHULA VISTA	CA	91911	

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

1. Explosive or Blasting Agents
2. Compressed Gases
3. Flammable or Combustible Liquids
4. Flammable Solids
5. Organic Peroxides
6. Oxidizers
7. Pyrophorics
8. Unstable Reactives
9. Water Reactives
10. Cryogenics
11. Highly Toxic or Toxic Materials
12. Radioactives
13. Corrosives
14. Other Health Hazards

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW:

If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Management Division, 1255 Imperial Avenue, 3rd Floor, San Diego, CA 92186-5261. Telephone (619) 338-2222 prior to the issuance of a building permit.

FEES MAY BE REQUIRED $120.00

Yes	No	
☒	☐	Is your business listed on the reverse side of this form?
☐	☒	Will your business dispose of Hazardous Substances or Medical Waste in any amount?
☒	☐	Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet or carcinogens/reproductive toxins in any quantity?
☐	☒	Will your business use an existing or install an underground storage tank?
☐	☒	Will your business store or handle Acutely Hazardous Materials?

OFFICE USE ONLY

☐ RMPP Exempt

Date / Initials ☐ RMPP Required

Date / Initials ☐ RMPP Completed

Date / Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92123. Telephone (619) 694-3307 prior to the issuance of a building permit.

YES	NO	
☐	☒	Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form?
☐	☐	(ANSWER ONLY IF QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 331907

46666 $120.00

Briefly describe nature of the intended business activity:

AUTOMOTIVE PARTS / PAINT SUPPLIES

Name of Owner or Authorized Agent:

THOMAS F. KAISER (CONTRACTOR)

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Thomas F. Kaiser

Do not write below this line

Date: 10/19/95

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION:

By: Date:

EXEMPT FROM PERMIT REQUIREMENTS		APPROVED FOR BUILDING PERMIT BUT NOT OCCUPANCY		APPROVED FOR OCCUPANCY	
COUNTY-HMMD	APCD	COUNTY-HMMD	APCD	COUNTY-HMMD	APCD
	POLLUTION CONTROL DISTRICT REVIEWED INITIALS J.C. DATE 11/28/95 COUNTY OF SAN DIEGO (3)(11)	11-28-95		9-3-96	

APP/BP/Fee Required for #11

Environmental Health Services
HM-9171 (6/92)

County of San Diego
Department of Health Services

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 3
EST. NO. H 38361
DATE 11/2/100
TIME START 3:05 END 5:00
BUS. CODE 1435
SPECIALIST Quecan/Nyaga
CONTACT James Miller
TITLE Plant Manager
PHONE 216-3400

Processed 1/10/01 kp

BUSINESS NAME LYON Electric Co. Inc
ADDRESS 1690 Brandwine Ave #A
CITY/ZIP Chula Vista CA 91911

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

DEC 2 8 2000

Routine Inspection

A complete inspection was performed: Walk-through and review of paperwork. Authorization was granted by Jim Miller, Plant Manager.

Observation: Container holding metal chips with oil ~~needs to be closed at all times~~ was observed to be open.
Corrective action: Provide lids to containers and maintain them closed at all Times.

Observation: Metal container holding soiled rags with solvent and oil ~~did not~~ was not grounded.
Corrective action: Ground container or use plastic container.

Remarks:
Health permit is current.

Signature of Business Representative | 11-21-00 Date Signed | Plant Manager Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222

DEH:HM-924 (Rev. 2/99) NCR

DISTRIBUTION: WHITE- RETURN TO HMD
YELLOW-BUSINESS RETAINS

County of San Diego
Department of Environmental Health

COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 38361

DATE: 11/21/00

PAGE: 2 OF 3

Office Use Only

BUSINESS ADDRESS: 1690 Brandwine Ave #A ZIP CODE: 91911

- Disposal receipts were available for review.
- Documented employee training available for review. Include topics described on ~~hazardous~~ Business Plan.
- Maintain floor area around Wet-Sander clean.
- Business will dispose phosphoric acid, Sodium Silicate, Iosol (2) Sulfuric acid and Tetrachloroethylene within 30 days. Keep disposal receipts.
- Business will dispose liquid paint not longer in use. Keep disposal receipts.
- Remember to label containers with hazardous waste label or an "Empty".

Signature of Business Representative | 11-21-00 Date Signed | Plant Manager Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222

DEH:HM-[illegible] (Rev. 2/99) NCR

DISTRIBUTION: WHITE-RETURN TO HMD
YELLOW-BUSINESS RETAINS

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

EST. NUMBER H 38361

DATE 11/21/00

BUSINESS ADDRESS: 1690 Brandywine Ave #A C.U. 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.905 — V0108 W____
- [ ] No EPA Identification Number 66262.12 — V0105 W____
- [ ] Waste Manifests/Receipts not on-site for 3 years 66262.40 — V0118 W____
- [ ] Manifest not properly completed 66262.23 — V0120 W____
- [ ] Manifest copy not sent to DTSC 66262.23 — V0115 W____
- [ ] TSDF signed-manifest not on-site 66262.40 — V0121 W____
- [ ] Biennial report not sent to DTSC 66262.41 — V0122 W____
- [ ] LDR Documentation not available 66268.7 — V0123 W____
- [ ] Exception Rpt. not filed with DTSC 66262.42 — V0116 W____
- [ ] Operating TSDF without authorization 25201 — V0124 W____

STORAGE AND HANDLING

- [ ] Waste stored longer than 90, 180, or 270 days 66262.34 — V0221 W____
- [ ] Failure to clean up hazwaste off of floor surface 66262.10b — V0313 W____
- [ ] Waste container missing/improperly labeled 66262.34 — V0222 W____
- [ ] Haz Materials not properly labeled 25124 — V0223 W____
- 1 [X] Waste container not kept closed 66265.173 — V0202 W✓
- [ ] Waste container in poor condition 66265.171 — V0205 W____
- [ ] Waste container(s) not properly managed 66265.173 — V0210 W____
- [ ] Damaged container not repackaged 66265.171 — V0226 W____
- [ ] Container incompatible with waste 66265.172 — V0207 W____
- [ ] Incompatibles in the same container 66265.177 — V0224 W____
- [ ] Incompatibles not stored separately 66265.177 — V0213 W____
- [ ] Ignitible Waste less than 50 feet 66265.176 — V0214 W✓
- 2 [X] Ignitible Waste not grounded 66265.31 — V0215 W✓
- [ ] Storage area not inspected weekly 66265.174 — V0216 W____

DISPOSAL AND TRANSPORTATION

- [ ] Unauth. disposal of waste to _____ 25189.5 — V0313 W____
- [ ] Waste determination not made 66262.11 — V0319 W____
- [ ] Unlawful transport of haz. waste 25163 — V0315 W____
- [ ] Waste transported without manifest 66262.20 — V0316 W____
- [ ] Extremely Haz Waste Permit not obtained 25205.7 — V0317 W____

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- [ ] Training records unavailable 66265.16 — V0405 W____
- [ ] Training program not adequate 66265.16 — V0406 W____
- [ ] Facility not designed to minimize release 66265.31 — V0501 W____
- [ ] Spill control equip not available 66265.32 — V0508 W____
- [ ] Aisle space is obstructed 66265.35 — V0509 W____
- [ ] Contingency plan not prepared and/or on file 66265.51, 66265.53 — V0609 W____

MISCELLANEOUS

- [ ] Waste oil contaminated 25250.7 — V0225 W____
- [ ] Used oil filters improperly managed 66266.130 — V0701 W____
- [ ] Damaged batteries improperly managed 66266.81 — V0702 W____
- [ ] Facility has failed to notify local CUPA and DTSC of onsite treatment of hazardous waste (tiered pemitting) — V0125 W____
- [ ] Onsite treatment of waste without authorization 25201 — V0125 W____

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- [ ] Health Permit not obtained 68.1005, 25284 — V3002 T____
- [ ] Repair/modify/close permit not obtained 68.1005 — V3007 T____
- [ ] UST Permit Application not submitted 25286(a) — V3010 T____
- [ ] Operating permit conditions violated 2712 — V3011 T____
- [ ] Failed to notify HMMD of changes 25284 — V3012 T____
- [ ] No owner/operator agreement 25284 — V3005 T____
- [ ] No records of financial coverage 25292.2 — V3013 T____
- [ ] No maint/monit/calib records available 2712(b), 2641(j) — V3001 T____
- [ ] Monitoring Equip. not tested annually 2630, 2641 — V3003 T____

MONITORING REQUIREMENTS (SINGLE WALL)

- [ ] Leak Detection Method does not meet performance standards 2643 — V3014 T____
- [ ] Integrity test not conducted 25292 — V3015 T____
- [ ] Copy of tank test not submitted to HMMD within 30 days 2643 — V3016 T____
- [ ] Manual tank gauging (<2000 gal) 2645 not done properly — V3017 T____
- [ ] Reconciliation not done properly 2646 — V3018 T____
- [ ] Reconciliation not approved for facility 2646 — V3019 T____
- [ ] Dispenser meter(s) not calib annually 2646 — V3020 T____
- [ ] Improper liquid measurements 2646 — V3021 T____
- [ ] Stick in poor condition 2646 — V3022 T____
- [ ] Improper monthly reconciliation 2646 — V3023 T____
- [ ] Failed to report excessive variation 2646 — V3024 T____
- [ ] Pressurized Product Piping Leak Device not tested annually 25292 — V3025 T____
- [ ] No written monitoring procedure 2641 — V3027 T____
- [ ] No written emergency response plan 2641 — V3027 T____
- [ ] SIR reporting incorrectly done 2646.1 — V3004 T____

MONITORING REQUIREMENTS (DOUBLE WALL)

- [ ] Monitoring system not functional 2632 — V3026 T____
- [ ] No written monitoring procedure 2632 — V3027 T____
- [ ] Written emergency response plan not available 2632 — V3028 T____
- [ ] Spill/Overfill equip. not maintained or installed 2635 — V3029 T____

RELEASE REPORTING

- [ ] Failure to report an unauthorized release 25295 — V3009 T____
- [ ] Release record log not available 2651, 2650 — V3030 T____
- [ ] No leak report/investigation/action 2652 — V3031 T____

CLOSURE

- [ ] Temporary closure req. not completed 2671 — V3006 T____
- [ ] Unused tank not properly closed 25298 — V3032 T____
- [ ] Permanent closure req. not completed 2672 — V3033 T____
- [ ] Failed to apply for temporary closure 25298 — V3008 T____

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.1105 — V2001 W____
- [ ] Business Plan not established/implemented 25503.5 — V2002 W____
- [ ] Business Plan not submitted to HMMD 25505 — V2007 W____
- [ ] Business Plan not amended 25505 — V2003 W____
- [ ] Personnel Training Records not available 19 CCR 2732 — V2302 W____

RELEASE REPORTING

- [ ] Failure to report a release/threatened release 25507 — V2008 W____

BUSINESS PLAN ELEMENTS

- [ ] Emergency Response Plan inadequate 25504 — V2201 W____
- [ ] Emergency Contacts not provided/current 25509 — V2203 W____
- [ ] Personnel Training Program inadequate 25504 — V2301 W____
- [ ] Inventory is incomplete 25504 — V2005 W____
- [ ] Site Map is not sufficient 25509 — V2202 W____
- [ ] Acutely Haz. Mat. not registered 25533 — V2009 W____

ALL VIOLATIONS MUST BE CORRECTED. PLEASE CALL (619) 338-2222 OR YOUR INSPECTOR IF YOU HAVE ANY QUESTIONS.

ESTABLISHMENT REPRESENTATIVE	DATE SIGNED	TITLE
[signature]	11-21-00	PLANT MANAGER

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 129261, San Diego, CA 92112-9261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-923 (Rev. 1/98) NCR

ENTERED MAY 05 2006 MP

ENTERED MAY 05 2006

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 3 DATE 03/09/06
PERMIT # 138361
TIME START 910 END
BUS. CODE HK35
SPECIALIST RICHARDSON
INSPECTION CONTACT/TITLE DEAN GARDNER/PLT MGR
PHONE: (619) 216 3400

BUSINESS NAME LYON ~~ELECTRIC~~ TECHNOLOGIES, INC
ADDRESS 1690 BRANDYWINE AVE
CITY/ZIP CHULA VISTA 91911

On the above date, an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (HSC) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Y	N/A		Y	N/A	
☐	☐	Unified Program Facility Permit current and available			Permit Expires on: SEE BELOW
☐	☐	Hazardous Materials Business Plan available	☐	☐	Contingency Plan available
☐	☐	Employee Training is adequate	☐	☐	Employee Training records available
☐	☐	Waste disposal records available for review	☐	☐	Waste containers kept closed
☐	☐	Emergency contacts current ☐ Updated today	☐	☐	Waste containers kept labeled
☐	☐	Chemical inventory current ☐ Updated today	☐	☐	Waste containers in good condition

RECEIVED APR 05 2006

ROUTINE INSPECTION

* SITE PREVIOUSLY INACTIVATED; BUSINESS NEVER CLOSED & PERMIT NEEDS TO BE RE-ACTIVATED

NOTICE TO COMPLY: WITHIN (30) THIRTY DAYS

1- WASTE STORAGE AREA NEEDS TO BE INSPECTED WEEKLY. PROPERLY CLOSE & LABEL ALL CONTAINERS & PREPARE STORAGE AREA FOR AN EMERGENCY. SUBMIT PHOTOS SHOWING A CLEANED UP STORAGE AREA.

2- START DATE ON WASTE CONTAINERS IS 8/2003. NO DISPOSAL RECEIPTS AVAILABLE. DISPOSE WASTES AT LEAST ANNUALLY. DISPOSE ALL HAZARDOUS WASTES & SUBMIT A COPY OF THE DISPOSAL RECEIPTS.

3- TRAINING NEEDS TO BE CONDUCTED FOR HAZARDOUS MATERIALS AND HAZARDOUS WASTE MANAGEMENT. CONDUCT TRAINING ANNUALLY, INCLUDING EMERGENCY RESPONSE. TRAINING FORM PROVIDED, CONDUCT TRAINING & SUBMIT FORM PROVIDED, SIGNED BY EMPLOYEES.

☐ This is an annual certification that the Hazardous Materials Business Plan (inventory, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.	Initials of Business Representative

Dean Gardner — Signature of Business Representative
03/09/06 — Date Signed
PLANT MGR — Title of Business Representative

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261
Phone: (619) 338-2222 Fax: (619) 338-2377 1-800-253-9933 http://www.sdcounty.ca.gov/deh/hmd/index.html

COUNTY OF SAN DIEGO

SUPPLEMENTAL INSPECTION REPORT

EST. NUMBER H 138361

DATE: 03/09/06

Office Use Only

BUSINESS ADDRESS: 1690 BRANDYWINE AVE ZIP CODE: 91911

REMARKS

- DURING PLATING PROCESS, SODIUM HYDROXIDE (ISOPREP) & SULFURIC ACID ARE USED; THE WASTES ARE COMBINED FOR HAZ WASTE DISPOSAL
* COMBINING THE WASTES FALLS UNDER TIERED PERMITTING REQUIREMENTS. APPLY & COMPLETE TIERED PERMITTING REQUIREMENTS OR MANAGE WASTES SEPARATELY AS HAZ WASTES.
- DETERMINE STATUS OF LIQUIDS FROM POWDER COATING PREP PROCESS AND PROPERLY MANAGE CONTENTS
- KEEP ALL DISPOSAL RECEIPTS AVAILABLE FOR 3 YEARS
- UPDATED SITE MAP RECEIVED TODAY

Signature of Business Representative | 03/09/06 Date Signed | PLANT MGR Title

Department of Environmental Health, Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261; (619) 338-2222

DISTRIBUTION: WHITE-RETURN TO HMD
YELLOW-BUSINESS RETAINS

DEH:HM-9110 (Rev. 2/99) NCR

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PERMIT # 138361
DATE 03/09/06
PAGE 3 OF 3

BUSINESS ADDRESS: 1690 BRANDYWINE AVE ZIP: 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19 & 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form to document your return to compliance. Your Specialist can provide these forms. Please call (619) 338-2222 or your Specialist if you have any questions.

HAZARDOUS WASTE REQUIREMENTS

RECORDKEEPING

Viol #		VIOL	VIOLATION DESCRIPTION
	☐	V0131	UPF Permit not obtained SDCC. 68.905
	☐	V0132	No EPA Identification Number. 66262.12
	☐	V0133	Manifest copy not sent to DTSC. 66262.23
	☐	V0134	Exception Rpt. not filed with DTSC. 66262.42
	☐	V0135	Waste Manifests/Receipts not on-site for 3 years. 66262.40
	☐	V0136	No records of battery disposal. 66262.81
	☐	V0137	Manifest not properly completed. 66262.23
	☐	V0138	TSDF signed-manifest not on-site. 66262.40
	☐	V0139	Biennial report not sent to DTSC. 66262.41
	☐	V0140	LDR Documentation not available. 66268.7
	☐	V0141	Operating TSDF without authorization. 25201
	☐	V0142	Failed to notify local CUPA of onsite treatment of hazardous waste. 25201
	☐	V0143	Tiered Permitting notification has incomplete or incorrect information. 25201
	☐	V0144	SB14 compliance doc. not available. 25244.19
	☐	V0145	Excluded recyclable materials report not submitted to HMD. 25143.10

STORAGE AND HANDLING

	☐	V0201	Waste container not kept closed. 66265.173
	☐	V0202	Waste container missing/improperly labeled. 66262.34, 25143.9
	☐	V0203	Damaged container not repackaged. 66265.171
	☐	V0204	Waste container not properly managed. 66265.173
	☐	V0205	Waste container in poor condition. 66265.171
	☐	V0206	Ignitable Waste < 50 feet of property line. 66265.176
	☐	V0207	Facility not maintained/operated to minimize possibility of fire, explosion or release. 66265.31
1	☑	V0208	Storage area not inspected weekly. 66265.174
2	☑	V0209	Waste stored > 90, 180, or 270 days. 66262.34
	☐	V0210	Hazwaste not cleaned up off floor surface. 66262.10b
	☐	V0211	Incompatibles in the same container. 66265.177
	☐	V0212	Incompatibles not stored separately. 66265.177
	☐	V0213	Container incompatible with waste. 66265.172
	☐	V0214	Waste oil contaminated. 25250.7
	☐	V0215	Used oil filters improperly managed. 66266.130
	☐	V0216	Hazardous materials not properly labeled. 25124

DISPOSAL AND TRANSPORTATION

	☐	V0301	Unauth. disposal of waste to:_____. 25189.5
	☐	V0302	Unlawful transportation of hazardous waste. 25163
	☐	V0303	Waste transported without a manifest. 66262.20
	☐	V0304	Waste determination not made. 66262.11

TRAINING, CONTINGENCY PLAN & ER PROCEDURES

Viol #		VIOL	VIOLATION DESCRIPTION
	☐	V0401	Training records unavailable. 66265.16
3	☑	V0402	Training program not adequate. 66265.16
	☐	V0403	Facility not designed to minimize release. 66265.31
	☐	V0404	Spill control equip not available. 66265.32
	☐	V0405	Aisle space is obstructed. 66265.35
	☐	V0406	Contingency plan not prepared and/or on file. 66265.51, 66265.53

HAZARDOUS WASTE TANK SYSTEMS

	☐	V1601	Hazwaste tanks w/o P.E. assessment. 66265.191a, 66265.192a
	☐	V1602	P.E. Assessment report not complete. 66265.191g, 66265.192k
	☐	V1603	Hazwste tank system: no secondary containment. 66265.193a
	☐	V1604	Secondary containment not kept empty. 66265.196(b)(c), 66265.194(c)
	☐	V1605	No daily tank inspection/inspect. log 66265.195 (b&c)
	☐	V1606	Improper or absent spill/overfill protection. 66265.194b
	☐	V1607	Improper corrosion protection. 66265.191, 66265.192
	☐	V1608	Integrity assessment not done for tanks without secondary containment system. 66265.191
	☐	V1609	Improper use of hazwaste tank system. 66265.196
	☐	V1610	No PE assessment report-repairs/changes. 66265.196g
	☐	V1611	Improper closure of haz waste tank unit. 67383.3, 66265.197

HAZARDOUS MATERIALS REQUIREMENTS

BUSINESS PLAN REQUIREMENTS

	☐	V1001	UPF permit not obtained for Haz. Materials. 68.905
	☐	V1002	Hazardous Materials Business Plan (HMBP) not established/implemented. 25503.5
	☐	V1003	HMBP not amended to reflect changes. 25505
	☐	V1004	HMBP not submitted to HMD. 25505
	☐	V1005	Emergency contacts not provided/current. 25509
	☐	V1006	Inventory is incomplete. 25504
	☐	V1007	Highly toxic gas (TLV≤10 ppm) not disclosed in chemical inventory. 68.1113
	☐	V1008	Annual carcinogen & reproductive toxin list not submitted to HMD. 68.1113
	☐	V1009	Site map is not sufficient. 25509
	☐	V1010	Failure to report a release/threatened release. 25507
	☐	V1011	Personnel training records not available. 19 CCR 2732
	☐	V1012	SPCC plan required but not prepared. 25270.5 (c)
	☐	V2504	Owner or operator (O/O) Stationary Source (SS) with >TPQ of a regulated substance (RS) did not comply with Chapter 4.5 (CalARP process). 2745.1
	☐	V2553	O/O of a new or modified SS with >TPQ of RS did Not submit RMP. 2735.4, 25535 (d)

Dan Gin Lee — 03/09/06 — PLANT MGR

SIGNATURE OF BUSINESS REPRESENTATIVE | DATE SIGNED | TITLE OF BUSINESS REPRESENTATIVE

SAN DIEGO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH - CUPA
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

BUSINESS OWNER/OPERATOR IDENTIFICATION

CAL000190177 Page ___ of ___

I. IDENTIFICATION

FACILITY ID# 37 0000 13836	BEGINNING DATE 100	ENDING DATE 101	
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: LYON Technologies INC.	BUSINESS PHONE 102: 619-216-3400		
BUSINESS SITE ADDRESS 103: 1690 Brandywine Ave.			
CITY 104: Chula Vista	CA	ZIP CODE 105: 91911	
DUN & BRADSTREET 106: 00-823-1524	SIC CODE (4 digit #) 107: 3523		
COUNTY 108: SAN DIEGO			
BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110		

II. BUSINESS OWNER

OWNER NAME 111: LYON TECHNOLOGIES INC	OWNER PHONE 112	
OWNER MAILING ADDRESS 113		
CITY 114	STATE 115	ZIP CODE 116

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117: Jose MADRIGAL	CONTACT PHONE 118: 619-216-3400	
CONTACT MAILING ADDRESS 119: 1690 BRANDYWINE AVE,		
CITY 120: CHULA VISTA	STATE 121: CA	ZIP CODE 122: 91911

IV. EMERGENCY CONTACTS

–PRIMARY–	–SECONDARY–
NAME 123: Jose Madrigal	NAME 128: Dean Gardner
TITLE 124: President	TITLE 129: Plant Manager
BUSINESS PHONE 125: 619-216-3400	BUSINESS PHONE 130: 619-216-3400
24-HOUR PHONE 126	24-HOUR PHONE 131
PAGER # 127	PAGER # 132

ADDITIONAL LOCALLY COLLECTED INFORMATION:

E-MAIL: * | E-MAIL: *

*This information is optional and will remain confidential. Complete if you want to receive periodic program updates from HMD.

ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE: Jose L. Madrigal	DATE 134: 3/9/06	NAME OF DOCUMENT PREPARER 135: ERIC GARDNER
NAME OF SIGNER (print) 136: JOSE L. MADRIGAL	TITLE OF SIGNER 137: PRESIDENT	

Business Owner/Operator Identification

Please submit the Business Activities page, the Business Owner/Operator Identification page (OES Form 2730), and Hazardous Materials - Chemical Description pages (OES Form 2731) for all hazardous materials inventory submissions. For the inventory to be considered complete this page must be signed by the appropriate individual.

(Note: the numbering of the instructions follows the data element numbers that are on the UPCF pages. These data element numbers are used for electronic submission and are the same as the numbering used in 27 CCR, Appendix C, the Business Section of the Unified Program Data Dictionary.)

Please number all pages of your submittal. This helps your CUPA or AA identify whether the submittal is complete and if any pages are separated.

ALWAYS SUBMIT A COPY OF THIS COMPLETED PAGE WITH SUBMITTAL OF ANY OTHER UNIFIED PROGRAM CONSOLIDATED FORM.

1. FACILITY ID NUMBER - Enter your 6 character Permit # on your Unified Program Facility Permit (UPFP If you do not have a Unified Program Facility Permit, leave this blank.
3. BUSINESS NAME - Enter the full legal name of the business. This is the same as the terms "Facility Name" or "DBA" - Doing Business As.

100. BEGINNING DATE - Enter the beginning year and date (YYYYMMDD) of the inventory report, recyclable materials report, or on-site tiered permitting report for PBR sites.

101. ENDING DATE - Enter the ending year and date (YYYYMMDD) of the reports identified in #100.
102. BUSINESS PHONE - Enter the phone number, area code first, and any extension.
103. BUSINESS SITE ADDRESS - Enter the street address where the facility is located. No post office box numbers are allowed. This information must provide a means to geographically locate the facility. If the mailing address is different, complete #113- #116.
104. CITY - Enter the city or unincorporated area in which business site is located.
105. ZIP CODE - Enter the zip code of business site. The extra 4-digit zip may also be added.
106. DUN & BRADSTREET - Enter the Dun & Bradstreet number for the facility. If you do not have one, leave this field blank.
107. SIC CODE - Enter the primary Standard Industrial Classification Code number for primary business activity. NOTE: If code is more than 4 digits, report only the first four.
108. COUNTY - Enter the county in which the business site is located.
109. BUSINESS OPERATOR NAME - Enter the name of the business operator which is the name used for mailing correspondence.
110. BUSINESS OPERATOR PHONE - Enter business operator phone number, if different from business phone, area code first, and any extension.
111. OWNER NAME - Enter name of business owner, if different from business operator.
112. OWNER PHONE - Enter the business owner's phone number if different from business phone, area code first, and any extension.
113. OWNER MAILING ADDRESS - Enter the owner's mailing address where business related correspondence should be sent, if different from business site address.
114. OWNER CITY - Enter the name of the city for the owner's mailing address.
115. OWNER STATE - Enter the 2 character state abbreviation for the owner's mailing address.
116. OWNER ZIP CODE - Enter the zip code for the owner's address. The extra 4-digit zip may also be added.
117. ENVIRONMENTAL CONTACT NAME - Enter the name of the person, if different from the Business Owner or Operator, who will respond to enforcement activity.
118. CONTACT PHONE - Enter the phone number, if different from Owner or Operator, at which the environmental contact can be contacted.
119. CONTACT MAILING ADDRESS - Enter the mailing address where all environmental contact correspondence should be sent.
120. CITY - Enter the name of the city for the environmental contact's mailing address.
121. STATE - Enter the 2 character state abbreviation for the environmental contact's mailing address.
122. ZIP CODE - Enter the zip code for the environmental contact's mailing address. The extra 4-digit zip may also be added.
123. PRIMARY EMERGENCY CONTACT NAME - Enter the name of a representative that can be contacted in case of an emergency involving hazardous materials at the business site. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
124. TITLE - Enter the title of the primary emergency contact.
125. BUSINESS PHONE - Enter the business number for the primary emergency contact, area code first, and any extensions.
126. 24-HOUR PHONE - Enter a 24-hour phone number for the primary emergency contact. The 24-hour phone number must be one which is answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
127. PAGER NUMBER - Enter the pager number for the primary emergency contact, if available.
128. SECONDARY EMERGENCY CONTACT NAME - Enter the name of a secondary representative that can be contacted in the event that the primary emergency contact is not available. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
129. TITLE - Enter the title of the secondary emergency contact.
130. BUSINESS PHONE - Enter the business telephone number for the secondary emergency contact, area code first, and any extension.
131. 24-HOUR PHONE - Enter a 24-hour phone number for the secondary emergency contact. The 24-hour phone number must be one that is answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
132. PAGER NUMBER - Enter the pager number for the secondary emergency contact, if available.
133. ADDITIONAL LOCALLY COLLECTED INFORMATION - This space may be used for CUPAs or AAs to collect any additional information necessary to meet the requirements of their individual programs. Contact your local agency for guidance.
134. DATE - Enter the date that the document was signed. (YYYYMMDD)
135. NAME OF DOCUMENT PREPARER - Enter the full name of the person who prepared the inventory submittal information.
136. NAME OF SIGNER - Enter the full printed name of the person signing the page. The signer certifies to a familiarity with the information submitted and that based on the signer's inquiry of those individuals responsible for obtaining the information, all the information submitted is true, accurate and complete.

SIGNATURE OF OWNER/ OPERATOR OR DESIGNATED REPRESENTATIVE - The Business Owner/Operator, or officially designated representative of the Owner/Operator, shall sign in the space provided. This signature certifies that the signer is familiar with the information submitted and that based on the signer's inquiry of those individuals responsible for obtaining the information it is the Signer's belief that the submitted information is true, accurate and complete.

137. TITLE OF SIGNER - Enter the title of the person signing the page.

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-262156-1
Client Project/Site: Lyon Technologies Inc.

For:
County of San Diego
5500 Overland Ave, Suite 110
PO BOX 129261
San Diego, California 92112

Attn: Kelly Robertson



Authorized for release by:
3/24/2020 11:12:00 AM

Sheri Fama, Project Manager I
(949)260-3274
sheri.fama@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Client Sample Results 5
Method Summary 8
Lab Chronicle 9
QC Sample Results 11
QC Association Summary 15
Definitions/Glossary 17
Certification Summary 18
Chain of Custody 19
Receipt Checklists 20

Sample Summary

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-262156-1	17309	Solid	03/04/20 15:39	03/05/20 16:15	
440-262156-2	17310	Solid	03/04/20 15:41	03/05/20 16:15	
440-262156-3	17311	Solid	03/04/20 15:44	03/05/20 16:15	
440-262156-4	17312	Solid	03/04/20 15:50	03/05/20 16:15	

Case Narrative

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Job ID: 440-262156-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative
440-262156-1

Comments
Added analyses, due to results (sample exceedances) from TTLC data. Added STLC Cr & Ni to Samples -1; 17309 (440-262156-1) and -4; 17312 (440-262156-4) and STLC Cu to Sample -3; 17311 (440-262156-3).

Receipt
The samples were received on 3/5/2020 4:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.1º C.

Metals
Method 6010B: The continuing calibration blank (CCB) for analytical batch 440-599985 contained Antimony above the reporting limit (RL). All reported samples associated with this CCB were ND for this analyte; therefore, re-analysis of samples was not performed.

Method 6010B: The following samples were diluted due to the nature of the sample matrix: 17309 (440-262156-1) and 17312 (440-262156-4). Elevated reporting limits (RLs) are provided.

Method 6010B: The method blank for preparation batch 440-599491 and analytical batch 440-599985 contained Nickel and Chromium above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision of multi-analytes for preparation batch 440-599491 and analytical batch 440-599985 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) was within acceptance limits.

Method 7471A: The following samples were diluted due to the dark green color of the liquids: 17309 (440-262156-1) and 17312 (440-262156-4). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample ID: 17309

Date Collected: 03/04/20 15:39
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-1

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1000		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Arsenic	ND		300		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Barium	ND		150		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Beryllium	ND		50		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Cadmium	ND		50		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Chromium	**45000**	**B**	100		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Cobalt	ND		100		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Copper	ND		200		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Lead	ND		200		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Molybdenum	ND		200		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Nickel	**190000**	**B**	200		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Selenium	ND		300		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Silver	ND		150		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Thallium	ND		1000		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Vanadium	ND		100		mg/Kg		03/10/20 10:50	03/11/20 15:12	500
Zinc	ND		500		mg/Kg		03/10/20 10:50	03/11/20 15:12	500

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**5.1**		0.20		mg/L			03/23/20 16:11	20
Chromium	**0.36**		0.10		mg/L			03/23/20 16:11	20

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg		03/09/20 13:30	03/10/20 13:37	5

Client Sample ID: 17310

Date Collected: 03/04/20 15:41
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-2

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Arsenic	**3.5**		3.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Barium	**35**		1.5		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Beryllium	**2.2**		0.50		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Cadmium	ND		0.50		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Chromium	**26**		0.99		mg/Kg		03/12/20 08:30	03/16/20 22:11	5
Cobalt	**2.5**		1.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Copper	**3.4**		2.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Lead	**2.1**		2.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Molybdenum	ND		2.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Nickel	**55**		2.0		mg/Kg		03/12/20 08:30	03/16/20 22:11	5
Selenium	ND		3.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Silver	ND		1.5		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Thallium	ND		10		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Vanadium	**15**		1.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5
Zinc	**18**		5.0		mg/Kg		03/10/20 10:50	03/11/20 15:15	5

ENTERED FEB 04 2008

CK# 1105 $395.00

OFFICE USE ONLY
UPFP# 208691
HV# 20, 5016
BP DATE 1 / 1

SAN DIEGO REGIONAL
HAZARDOUS MATERIALS QUESTIONNAIRE

Business Name	Business Contact	Telephone #	
Fuller Ford	Mike Allison	(619) 838-4757	
Project Address	**City** / **State** / **Zip Code**		**APN#**
515 Main St	Chula Vista Ca. 91911		644-040-23-00
Mailing Address	**City** / **State** / **Zip Code**		**Plan File#**
560 Auto Park Dr	Chula Vista Ca 91911		
Project Contact		**Telephone #**	
Brian Sweet		(928) 230-6184	

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT – HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

1. Explosive or Blasting Agents
2. Compressed Gases
3. Flammable/Combustible Liquids
4. Flammable Solids
5. Organic Peroxides
6. Oxidizers
7. Pyrophorics
8. Unstable Reactives
9. Water Reactives
10. Cryogenics
11. Highly Toxic or Toxic Materials
12. Radioactives
13. Corrosives
14. Other Health Hazards
15. None of These.

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISIONS (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 1255 Imperial Avenue, 3rd floor, San Diego, CA 92101. Call (619) 338-2222 prior to the issuance of a building permit.

FEES ARE REQUIRED. Fuller Ford collision ctr. relocating across the street Expected Date of Occupancy: 11 / 15 / 07

	YES	NO	
1.	☒	☐	Is your business listed on the reverse side of this form? (check all that apply).
2.	☒	☐	Will your business dispose of Hazardous Substances or Medical Waste in any amount?
3.	☒	☐	Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet, or carcinogens/reproductive toxins in any quantity?
4.	☐	☒	Will your business use an existing or install an underground storage tank?
5.	☐	☒	Will your business store or handle Regulated Substances (CalARP)?
6.	☐	☒	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?

☐ CalARP Exempt
/
Date Initials

☐ CalARP Required
/
Date Initials

☐ CalARP Complete
/
Date Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT: If the answer to any of the questions below is yes, applicant must contact the Air Pollution Control District (APCD), 10124 Old Grove Road, San Diego, CA 92131-1649, telephone (858) 586-2600 prior to the issuance of a building or demolition permit. Note: If the answer to questions 3 or 4 is yes, applicant must also submit an asbestos notification form to the APCD at least 10 working days prior to commencing demolition or renovation, except demolition or renovation of residential structures of four units or less. Contact the APCD for more information.

	YES	NO	
1.	☒	☐	Will the subject facility or construction activities include operations or equipment that emit or are capable of emitting an air contaminant? (See the APCD factsheet at http://www.sdapcd.org/info/facts/permits.pdf, and the list of typical equipment requiring an APCD permit on the reverse side of this from. Contact APCD if you have any questions).
2.	☐	☒	(ANSWER ONLY IF QUESTION 1 IS YES) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12)? (Public and private schools may be found after search of the California School Directory at http://www.cde.ca.gov/re/sd/; or contact the appropriate school district).
3.	☐	☒	Will there be renovation that involves handling of any friable asbestos materials, or disturbing any material that contains non-friable asbestos?
4.	☐	☒	Will there be demolition involving the removal of a load supporting structural member?

Briefly describe business activities:
Body Shop

Briefly describe proposed project:
Move 2 Paint Booths To owner adjacent Property

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Brian Sweet
Name of owner or Authorized Agent

Signature of Owner or Authorized Agent

10 / 22 / 07
Date

FOR OFFICAL USE ONLY:
FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____

BY: _____ DATE: / /

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD
		COUNTY OF SAN DIEGO REVIEWED J. Cajimba for J. Swanson SIGNATURE 10/30/07 DATE HMD		COUNTY OF SAN DIEGO REVIEWED J. Swanson SIGNATURE 12/21/07 DATE HMD	

LIST OF BUSINESSES WHICH REQUIRE REVIEW AND APPROVAL FROM THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION

Check all that apply:

AUTOMOTIVE
- ☐ Battery Manufacturing/Recycling
- ☐ Boat Yard
- ☐ Car Wash
- ☐ Dealership Maintenance/Painting
- ☐ Machine Shop
- ☐ Painting
- ☐ Radiator Shop
- ☐ Rental Yard Equipment
- ☐ Repair/Preventive Maintenance
- ☒ Spray Booth
- ☐ Transportation Services
- ☐ Wrecking/Recycling

CHEMICAL HANDLING
- ☐ Agricultural supplier/distributor
- ☐ Chemical Manufacturer
- ☐ Chemical Supplier/Distributor
- ☐ Coatings/Adhesive
- ☐ Compressed Gas Supplier/Distributor
- ☐ Dry Cleaning
- ☐ Fiberglass/Resin Application
- ☐ Gas Station
- ☐ Industrial Laundry
- ☐ Laboratory
- ☐ Laboratory Supplier/Distributor
- ☐ Oil and Fuel Bulk Supply
- ☐ Pesticide Operator/Distributor

CHEMICAL HANDLING
- ☐ Photographic Processing
- ☐ Pool Supplies/Maintenance
- ☐ Printing/Blue Printing
- ☐ Road Coatings
- ☐ Swimming Pool
- ☐ Toxic Gas Handler
- ☐ Toxic Gas Manufacturer

METAL WORKING
- ☐ Anodizing
- ☐ Chemical Milling/Etching
- ☐ Finish-Coating/Painting
- ☐ Flame Spraying
- ☐ Foundry
- ☐ Machine Shop-Drilling/Lathes/Mills
- ☐ Metal Plating
- ☐ Metal Prepping/Chemical Coating
- ☐ Precious Metal Recovery
- ☐ Sand Blasting/Grinding
- ☐ Steel Fabricator
- ☐ Wrought Iron Manufacturing

AEROSPACE
- ☐ Aerospace Industry
- ☐ Aircraft Maintenance
- ☐ Aircraft Manufacturing

OTHERS AND MISCELLANEOUS
- ☐ Asphalt Plant
- ☐ Biotechnology/Research
- ☐ Chiropractic Office
- ☐ Co-Generation Plant
- ☐ Dental Clinic/Office
- ☐ Dialysis Center
- ☐ Emergency Generator
- ☐ Frozen Food Processing Facility
- ☐ Hazardous Waste Hauler
- ☐ Hospital/Convalescent Home
- ☐ Laboratory/Biological Lab
- ☐ Medical Clinic/Office
- ☐ Nitrous Oxide (NO_x) Control System
- ☐ Pharmaceuticals
- ☐ Public Utility
- ☐ Refrigeration System
- ☐ Rock Quarry
- ☐ Ship Repair/Construction
- ☐ Telecommunications Cell Site
- ☐ Veterinary Clinic/Hospital
- ☐ Wood/Furniture Manufacturing/Refinishing

ELECTRONICS
- ☐ Electronic Assembly/Sub-Assembly
- ☐ Electronic Components Manufacturing
- ☐ Printed Circuit Board Manufacturing

NOTE: THE ABOVE LIST INCLUDES BUSINESSES, WHICH TYPICALLY USE, STORE, HANDLE, AND DISPOSE OF HAZARDOUS SUBSTANCES. ANY BUSINESS NOT INCLUDED ON THIS LIST, WHICH HANDLES, USES OR DISPOSES OF HAZARDOUS SUBSTANCES MAY STILL REQUIRE HAZARDOUS MATERIALS DIVISION (HMD) REVIEW OF BUSINESS PLANS. FOR MORE INFORMATION CALL (619) 338-2222.

LIST OF AIR POLLUTION CONTROL DISTRICT PERMIT CATEGORIES

Businesses, which include any of the following operations or equipment, will require clearance from the Air Pollution Control District.

CHEMICAL
- 47 – Organic Gas Sterilizers
- 32 – Acid Chemical Milling
- 33 – Can & Coil Manufacturing
- 44 – Evaporators, Dryers & Stills Processing Organic Materials
- 24 – Dry Chemical Mixing & Detergent Spray Towers
- 35 – Bulk Dry Chemicals Storage
- 55 – Chrome Electroplating Tanks

COATINGS & ORGANIC SOLVENTS
- 27 – Coating & Painting
- 37 – Plasma Arc & Ceramic Deposition Spray Booths
- 38 – Paint, Stain & Ink Mfg
- 27 – Printing
- 27 – Polyester Resin/Fiberglass Operations

METALS
- 18 – Metal Melting Devices
- 19 – Oil Quenching & Salt Baths
- 32 – Hot Dip Galvanizing
- 39 – Precious Metals Refining

ORGANIC COMPOUND MARKETING (GASOLINE, ETC)
- 25 – Gasoline & Alcohol Bulk Plants & Terminals
- 25 – Intermediate Refuelers
- 26 – Gasoline & Alcohol Fuel Dispensing

COMBUSTION
- 34 – Piston Internal – Combustion Engines
- 13 – Boilers & Heaters (1 million BTU/hr or larger)
- 14 – Incinerators & Crematories
- 15 – Burn Out Ovens
- 16 – Core Ovens
- 20 – Gas Turbines, and Turbine Test Cells & Stands
- 48 – Landfill and/or Digester Gas Flares

ELECTRONICS
- 29 – Automated Soldering
- 42 – Electronic Component Mfg

FOOD
- 12 – Fish Canneries
- 12 – Smoke Houses
- 50 – Coffee Roasters
- 35 – Bulk Flour & Powered Sugar Storage

SOLVENT USE
- 28 – Vapor & Cold Degreasing
- 30 – Solvent & Extract Driers
- 31 – Dry Cleaning

ROCK AND MINERAL
- 04 – Hot Asphalt Batch Plants
- 05 – Rock Drills
- 06 – Screening Operations
- 07 – Sand Rock & Aggregate Plants
- 08 – Concrete Batch, CTB, Concrete Mixers, Mixers & Silos
- 10 – Brick Manufacturing

OTHER
- 01 – Abrasive Blasting Equipment
- 03 – Asphalt Roofing Kettles & Tankers
- 46 – Reverse Osmosis Membrane Mfg
- 51 – Aqueous Waste Neutralization
- 11 – Tire Buffers
- 17 – Brake Debonders
- 23 – Bulk Grain & Dry Chemical Transfer & Storage
- 45 – Rubber Mixers
- 21 – Waste Disposal & Reclamation Units
- 36 – Grinding Booths & Rooms
- 40 – Asphalt Pavement Heaters
- 43 – Ceramic Slip Casting
- 41 – Perlite Processing
- 40 – Cooling Towers – Registration Only
- 91 – Fumigation Operations
- 56 – WWTP (1 million gal/day or larger) & Pump Station

NOTE: OTHER EQUIPMENT NOT LISTED HERE THAT IS CAPABLE OF EMITTING AIR CONTAMINANTS MAY REQUIRE AN AIR POLLUTION CONTROL DISTRICT PERMIT. IF THERE ARE ANY QUESTIONS, CONTACT THE AIR POLLUTION CONTROL DISTRICT AT (858) 650 – 4550.

ENTERED SEP 14 2012

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

PAGE 1 OF 2 DATE 7 / 30 / 12
PERMIT# 208691 BUS. CODE K27
TIME START 930 END 1030
SPECIALIST B. MCLERNON
INSPECTION CONTACT MIKE ALLISON
TITLE MGR
PHONE (619) 656-2500

FACILITY NAME FULLER FORD COLLISION CENTER
ADDRESS 515 MAIN STREET
CITY/ZIP CHULA VISTA / 91911

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

Y*	N/A*	NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.	Y*	N/A*	
☒	☐	Unified Program Facility Permit current	☒	☐	Permit Expires on: 30 / SEP / 12
☒	☐	Hazardous Materials Business Plan available	☒	☐	Contingency Plan available ☐LQG ☐SQG
☒	☐	Employee training is adequate	☒	☐	Employee training records available
☒	☐	Waste disposal records available for review	☐	☒	Universal waste managed properly
☒	☐	Emergency contacts current ☐ Updated today	☒	☐	Waste containers ☐ closed ☐ labeled
☐	☐	Chemical inventory/map current ☒ Updated today	☒	☐	Waste containers in good condition

Consent to inspect granted by: ☒ Inspection Contact ☐ Other:

ROUTINE INSPECTION

THIS WAS A ROUTINE INSPECTION FOR HAZARDOUS MATERIALS AND WASTE MANAGEMENT. MR. ALLISON GAVE CONSENT FOR THE INSPECTION.

RECEIVED AUG 22 2012

TODAY AT INSPECTION I OBSERVED ALL REQUIRED PAPERWORK AND CONDUCTED A FACILITY WALKTHROUGH.

— NOTICE TO COMPLY —

① VIOLATION 0138: MANIFEST SIGNED BY TSDF NOT AVAILABLE FOR INSPECTION. OBSERVATION: THREE MANIFEST WERE FOUND NOT SIGNED BY TSDF (007415992, 004998275, 005777663). CORRECTIVE ACTION: OBTAIN A SIGNED COPY OF THE MANIFESTS AND SUBMIT PROOF TO ME WITHIN 30 DAYS.

REMARKS: BUSINESS PLAN MUST BE CERTIFIED ANNUALLY, CERTIFICATION FORM CAN BE DOWNLOADED FROM COUNTY WEBSITE: WWW.CO.SAN-DIEGO.CA.US

BEGINNING JANUARY 2013 ALL BUSINESS MUST BEGIN USING THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS). PLEASE LOG ON TO THE CERS WEBSITE FOR MORE INFORMATION: CERS.CALEPA.CA.GOV/business

☐ This is an annual certification that the Hazardous Materials Business Plan (inventory & site map, emergency contacts, emergency response plan, and employee training plan) is current and includes all the information required in the H&SC and is maintained at the site where hazardous materials are stored.

Initials of Facility Representative

PRINTED NAME OF FACILITY REPRESENTATIVE: Michael Allison
DATE SIGNED: 7 / 30 / 12
SIGNATURE OF FACILITY REPRESENTATIVE: X
TITLE OF FACILITY REPRESENTATIVE: MGR

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT
Small and Large Quantity Generators of Hazardous Waste
Handlers of Hazardous Materials

PERMIT # 208691
DATE 7 / 30 / 12
PAGE 2 OF 2

FACILITY ADDRESS: 515 MAIN STREET **ZIP:** 91911

VIOLATION REPORT. The items checked below refer to specific section numbers of Titles 19, 22 & 27 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 & 6.95 of the Health and Safety Code, and/or the San Diego County Code (SDCC). Small Quantity Hazardous Waste Generator=(SQG); Large Hazardous Waste Quantity Generator=(LQG); Code 40 of Federal Regulations=(CFR).
All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Your Specialist can provide this form. Please call (858) 505-6880 or your Specialist if you have any questions.

HAZARDOUS MATERIALS REQUIREMENTS

Viol #	V		VIOLATION DESCRIPTION
	☐	1001	UPF permit not obtained for hazardous materials. SDCC 68.905
	☐	1002	Hazardous Materials Business Plan (HMBP) not established/ implemented. 25503.5(a)
	☐	1004	HMBP not submitted to the CUPA. 25505(a)
	☐	1005	Emergency contact not provided or current. 25509(a)(7)
	☐	1007	Highly toxic gas (TLV≤10 ppm) not disclosed. 68.1113(b)
	☐	1008	Did not submit annual carcinogen/reproductive toxin list. 68.1113(c)
	☐	1009	Site map is not sufficient or complete. 25509(a)(5) & 25505(a)(2)
	☐	1010	Did not report release or threatened release. 25507(a), 19 CCR 2703
	☐	1012	SPCC Plan not prepared. 25270.3 & 25270.4.5(a)
	☐	1013	Copy of HMBP not onsite for inspector's review. 25505(e)
	☐	1014	HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
	☐	1015	Did not have adequate employee training program 2732 &/or 25504(c)
	☐	1016	Failed to have an adequate emergency response plan 25504(b); 2731
	☐	1017	Business Plan not certified annually. 25505(d) & (e)(2)
	☐	1018	Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
	☐	1019	SPCC Plan amendment not prepared within 6 months of change. 25270.4.5(a) [ref. CFR 112.1(b) & CFR 112.5]
	☐	1020	Failed to submit Unified Program Consolidated Form(s) to the CUPA for regulated activity or change of information. 27 CCR 15400.1(b) &/or SDCC 68.906; 68.909; &/or 68.908.2

HAZWASTE REQUIREMENTS FOR LQGs & SQGs

RECORDKEEPING

	☐	0131	Unified Program Facility (UPF) permit not obtained. SDCC 68.905
	☐	0132	Failed to obtain & maintain a valid EPA ID Number. 66262.12(a)
	☐	0133	Failed to send manifest copy to DTSC. 66262.23(a)(4)
	☐	0134	Failed to file Exception Report with DTSC. 66262.42
	☐	0135	Failed to keep hazardous waste manifests/receipts for 3 years available for inspection. 66262.40(a) & 25160.2(b)(3), 25185(a)(4)
	☐	0136	Did not have records of battery disposal. 66266.81(a)(4)(B)
	☐	0137	Failed to complete manifest properly. 66262.23(a)
1	☒	0138	Manifest signed by the TSDF not available for inspection. 66262.40(a)
	☐	0140	Failed to have LDR documentation onsite. 66268.7(a)(8)
	☐	0141	Failed to obtain approval for TSDF. 25201(a)
	☐	0142	Failed to notify CUPA for eligible onsite treatment. 25201(a)
	☐	0145	ERM reporting not submitted biennially &/or available. 25143.10
	☐	0146	Failed to have adequate records demonstrating claim of exemption for Excluded Recyclable Material (ERM). 25143.2(f) & 66261.2(g)
	☐	0147	Failed to keep records of offsite universal waste (UW) shipment(s) available for inspection for 3 years. 66273.39(c) & (d)(2); 25185(a)(4)
	☐	0148	Failed to keep copies of analytical results, waste analysis records, or waste determination results. (3 years) 66262.40(c)
	☐	0149	Failed to keep disposal receipts (3 years) for drained used oil filters &/or drained fuel filters. 25250.22 & 66266.130(c)(5)

DISPOSAL AND TRANSPORTATION

	☐	0301	Unauthorized disposal of hazardous waste. 25189.5(a) or 25189(c) or (d) or 25189.2(c)
	☐	0302	Unlawful transportation of hazardous waste (HW). 25163(a)
	☐	0303	Did not use HW manifest for disposal. 66262.20(a); 25160(b)(1) or (2), 25160.2(b)(9)
	☐	0304	Failed to make a proper waste determination. 66262.11 & 66260.200(c)
	☐	0305	Disposed of used oil illegally. 25250.5(a) & 25189.5(a) or 25189(c) or (d) or 25189.2(c)
	☐	0306	Disposed of latex paint illegally. 25217.1
	☐	0307	Disposed of UW to an unauthorized point. 25189.5(a) or 25189(c) or (d) or 25189.2(c); 66273.31(a)
	☐	0308	Impermissible dilution of hazardous waste. 66268.3(a)

HAZWASTE REQUIREMENTS FOR LQGs & SQGs

Viol #	V		VIOLATION DESCRIPTION

STORAGE AND HANDLING

	☐	0214	Used oil intentionally contaminated with HW. 25250.7(a)
	☐	0215	Used oil filters improperly managed. 66266.130
	☐	0216	Failed to label hazardous materials within 10 days or less. 25124(b)(3)(A) & 66262.34(f)
	☐	0217	Failed to repackage damaged/deteriorated hazardous material container within 96 hours. 25124(b)(3)(B) & 66262.34(f)
	☐	0218	Failed to label &/or close drained ☐ used oil filters &/or ☐ used fuel filters. 25250.22 & 66266.130(c)(3)
	☐	0219	Failed to properly segregate used oil &/or fuel drained from filters. 66266.130(c)(6) or 25250.22(b)(4)
	☐	0220	Spent lead acid batteries not properly managed. 66266.81
	☐	0221	Failed to comply with satellite regulations. 66262.34(e)
	☐	0222	Failed to properly label ERM. 25143.9(a)
	☐	0223	Failed to properly manage non-empty container or inner liner removed from a container. 66261.7(b), (d) &/or (r)
	☐	0224	Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 66261.7(e) & (f)
	☐	0237	Failed to properly dispose of UW within one year. 66273.35(a) &/or (b)
	☐	0238	Failed to manage UW in a manner to prevent release(s) to the environment. 66273.33 & 66273.33.5
	☐	0239	Failed to properly label or mark UW (non-CESQUWG). 66273.34

HAZWASTE REQUIREMENTS FOR SQGs ONLY

STORAGE AND HANDLING Pursuant to 66262.34(d)

	☐	0225	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e) & (f), &/or 25201(a) [>90 days for an AHW waste]
	☐	0226	Did not accumulate waste in container or tank. 66262.34(d)(2)
	☐	0227	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
	☐	0228	Failed to keep container closed. CFR 265.173
	☐	0229	Failed to conduct weekly inspections. CFR 265.174
	☐	0230	Failed to maintain aisle space. CFR 265.35
	☐	0231	Failed to properly separate incompatible wastes. CFR 265.177
	☐	0232	Waste accumulated in a container in poor condition. CFR 265.171
	☐	0233	Failed to use a lined/compatible container. CFR 265.172
	☐	0234	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31

TRAINING, CONTINGENCY PLAN & ER PROCEDURES Pursuant to 66262.34(d)(2)

	☐	0407	Employee training program not adequate. CFR 262.34(d)(5)(iii)
	☐	0408	Failed to post ER plan by phone. CFR 262.34(d)(5)(ii)
	☐	0409	Spill/fire control equip not available. CFR 265.32(c)
	☐	0410	Failed to equip facility with internal communication or alarm. CFR 265.32(a) & (b)
	☐	0411	Failed to carry out contingency plan during an emergency. CFR 262.34(d)(5)(iv)
	☐	0412	Failed to have an emergency coordinator on call or available during emergency. CFR 262.34(d)(5)(i)

HAZARDOUS WASTE TANK SYSTEMS Pursuant to 66262.34(d)(2)

	☐	1612	Hazardous waste improperly stored in a tank system causing ☐ leaks, ☐ corrosion, or ☐ failure. CFR 265.201(b)(2)
	☐	1613	Failed to comply with tank standards which include: two (2) feet of freeboard (where applicable), shut off for waste feed line, and daily and weekly inspections. CFR 265.201(b) & (c)
	☐	1614	Failed to properly complete &/or document closure for a hazardous waste tank. CFR 265.201(d) & 67383.3
	☐	1615	Failed to safely accumulate ignitable or reactive waste in a tank. CFR 265.201(e)
	☐	1616	Failed to safely manage incompatible waste in a tank. CFR 265 201(f)

SIGNATURE OF FACILITY REPRESENTATIVE — DATE SIGNED: 7 / 30 / 12 — TITLE OF FACILITY REPRESENTATIVE: Mgr.

DEH-Hazardous Materials Division, P.O. Box 129261, San Diego, CA 92112-9261

COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

INSPECTION DATE: **07/07/2017**
RECORD ID #: **DEH2007-HUPFP-208691**
TIME START: **2:30 PM** END: **3:30 PM**
SPECIALIST: **Raisa Luna**
INSPECTION CONTACT: **Mike Allison**
TITLE: **Collision Manager**
PHONE: **(619) 494-5470**
E-MAIL: **mallison@socalpenske.com**

FACILITY NAME: **PENSKE FORD COLLISION CENTER**
ADDRESS: **515 MAIN ST**
CITY/ZIP: **CHULA VISTA** /**91911**

FACILITY REFERENCE DATA

ACCELA

RECORD STATUS: Permit Renewed
PERMIT EXPIRATION DATE: 09/30/2017
BALANCE DUE: $0.00
INSPECTOR: Raisa Luna
INSPECTION TYPE: Initial
INSPECTION STATUS: Complete

CERS

EPA ID NUMBER: CAL000347182
FACILITY CERS ID NUMBER: 10359214
CERS LEAD USER: Brian Davies
LAST CERS SUBMITTAL DATE: 11/07/2016
ENVIRONMENTAL CONTACT EMAIL: dward@thinkfuller.com
ENVIRONMENTAL CONTACT PHONE: 6196562500

FACILITY INFORMATION

	YES	NO		YES	NO
INACTIVATION INSPECTION:	☐	☒	HAZARDOUS MATERIALS:	☒	☐
CHANGE OF OWNER:	☐	☒	HAZARDOUS WASTE:	☒	☐
CHANGE IN BUSINESS TYPE:	☐	☒	ABOVEGROUND PETROLEUM STORAGE ACT:*	☐	☒
BUSINESS TYPE: Auto/Truck Body Repair			TOTAL SHELL CAPACITY APSA:		0
ISSUE INITIAL INVOICE:	☒	☐	UNDERGROUND STORAGE TANK:	☐	☒
ASSESS NON-NOTIFICATION FEE:	☐	☒	CALARP PROGRAM (CERS):	☐	☒
ASSESS RE-INSPECTION FEE:	☐	☒	CALARP PROGRAM LEVEL:	1 2 3	N/A
FACILITY SUBJECT TO BASE FEE:	☒	☐	MEDICAL WASTE:	☐	☒
FACILITY SUBJECT TO CUPA FEE:	☒	☐	MW FACILITY GENERATING OVER 200 LBS PER MONTH:	☐	☒
UPDATE FACILITY ADDRESS IN AA:	☐	☒	EPIC PARTICIPANT:	☐	☒
BUSINESS CLOSE DATE:			NUMBER OF TLV GASES AT THE FACILITY:		0

HW GENERATOR STATUS : LQG | **SQG** | CESQG | RCRA LQG | N/A

TIERED PERMIT LEVEL(S) : CESQT | CESW | CE-L | CE-CL | HHW | PBR | CA | **N/A**

PRIMARY BILLING CODE: Not Applicable
SECONDARY BILLING CODE: Not Applicable
TERTIARY BILLING CODE: Not Applicable

INSPECTION SCOPE:*

HAZARDOUS MATERIALS: **GEN HAZMAT** | **APSA** | **UST**
HAZARDOUS WASTE: **SQG** | **LQG**
MEDICAL WASTE: **SQG** | **SQG - TREATS** | **LQG** | **LQG - ABBREVIATED** | **LQG - TREATS**
CALARP: **1** | **2** | **3**
TIERED PERMITTING: **CESQT** | **CESW** | **CE-L** | **CE-CL** | **CA** | **PBR** | **HHW**

CONSENT TO CONDUCT INSPECTION GRANTED BY: INSPECTION CONTACT ☒ NAME: Mike Allison TITLE: Collision Manager

REMOVE BLANK CHECKLISTS FROM FINAL INSPECTION REPORT ☐ REFUSED TO SIGN ☐

TIME ACCOUNTING (Initial) **TOTAL TIME ENTERED: 1**

Date	Time	Group	Type
07/07/2017	0	Record	Drive Time
07/07/2017	0.5	Record	Report Writing
07/07/2017	0.5	Record	HazMat HazWaste

COUNTY OF SAN DIEGO

UPFP INSPECTION CHECKLIST

FACILITY NAME: **PENSKE FORD COLLISION CENTER**
ADDRESS: **515 MAIN ST**
CITY/ZIP: **CHULA VISTA** /**91911**

INSPECTION DATE: **07/07/2017**
RECORD ID #: **DEH2007-HUPFP-208691**
TIME START: **2:30 PM** END: **3:30 PM**
SPECIALIST: **Raisa Luna**
INSPECTION CONTACT: **Mike Allison**
TITLE: **Collision Manager**
PHONE: **(619) 494-5470**
E-MAIL: **mallison@socalpenske.com**

INSPECTION REPORT EMAILS:

Raisa.Luna@sdcounty.ca.gov,thoward@socalpenske.com

RECORD COMMENT:

Initial inspection conducted on 7/7/17. Change of owner - 6/5/17. Business needs to submit HMBP in CERS. Please issue initial invoice.

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

FACILITY NAME: **PENSKE FORD COLLISION CENTER**
ADDRESS: **515 MAIN ST**
CITY/ZIP: **CHULA VISTA** /**91911**

INSPECTION DATE: **07/07/2017** PAGE **1** OF **5**
RECORD ID #: **DEH2007-HUPFP-208691**
TIME START: **2:30 PM** END: **3:30 PM**
SPECIALIST: **Raisa Luna**
INSPECTION CONTACT: **Mike Allison**
TITLE: **Collision Manager**
PHONE: **(619) 494-5470**
E-MAIL: **mallison@socalpenske.com**

On the above date, the County inspected your facility under the authority of the California Health and Safety Code (H&SC), to determine compliance with applicable provisions of the H&SC, the California Code of Regulations (CCR), and the San Diego County Code of Regulatory Ordinances (SDCC). **This report serves as a Notice to Comply (H&SC 25187.8 & 25404.1.2) for any minor violations as defined in H&SC 25404 and 25117.6.** This report may contain both minor and more significant (Class II) violations. Minor violations do not include repeat violations or violations remaining uncorrected for more than 30 days (or as specified below). Minor violations do not include knowing, willful, intentional, or chronic violations; nor do they include violations showing a pattern of neglect or disregard. The remarks below are intended to provide guidance to correct any violations indicated on the attached violation report. You must submit a written response to this report within 30 days (or as specified below) demonstrating that all violations have been corrected or include a written notice of disagreement that clearly states the reason for any disputed violations. Prompt correction can protect you from penalties for a "minor violation". Penalties can be imposed for each day in violation for all other violations even if they are corrected promptly. However, correction within 30 days (or as specified below) will make a penalty less likely.

NOTE: Reinspection fees will be charged if additional inspections are required to determine compliance.

Yes	N/A		Yes	N/A	
☐	☐	Unified Program Facility Permit Current	☐	☐	Contingency Plan Available ☐ LQG ☐ SQG
☐	☐	Hazardous Materials Business Plan Available	☐	☐	Employee Training Records Available
☐	☐	Employee Training is Adequate	☒	☐	Universal Waste Managed Properly
☒	☐	Waste Disposal Records Available for Review	☒	☐	Waste Containers ☒ Closed ☒ Labeled
☐	☐	Emergency Contacts Current ☐ Updated today	☒	☐	Waste Containers in Good Condition
☐	☐	Chemical Inventory/Map Current ☐ Updated today			Permit Expires On 09/30/2017

CONSENT TO CONDUCT INSPECTION GRANTED BY: Mike Allison TITLE: Collision Manager

INTRODUCTION:
Today I conducted a Certified Unified Program Agency (CUPA) initial inspection at PENSKE FORD COLLISION CENTER with Mike Allison, Collision Manager to verify compliance with hazardous materials and hazardous waste regulations. This business began operating under new ownership on 6/5/2017.

Consent to conduct today's inspection and review documents was granted to Raisa Luna, Environmental Health Specialist by Mike Allison, Collision Manager.

Currently, this facility is subject to Hazardous Materials Business Plan (HMBP) requirements and Hazardous Waste generator requirements for storing reportable amounts (≥55 gallons, 500 pounds, or 200 cubic feet) of hazardous materials and generating hazardous waste on-site. Based on observations and manifests reviewed during today's inspection, at this time this facility appears to be a small quantity generator (SQG) of hazardous waste for generating less than 2,200 pounds or 270 gallons of hazardous waste per month.

The following items were observed on-site during today's inspection:

- 1 x 250 cubic foot cylinder of oxygen gas
- below reportable quantities of argon, acetylene, and nitrogen
- 1 x 30 gallon drum of used oil
- 1 x 55 gallon drum of waste coolant
- 1 x 55 gallon drum of waste sanding dust
- 1 x 30 gallon drum of water-based paint-related paint waste
- 1 x 30 gallon drum of solvent-based paint-related paint waste
- 2 x 30 gallon drum of solid paint-related paint waste
- 1 x 30 gallon drums of oily absorbent waste
- 1 unit parts washer

INSPECTION REMARKS:
1. NO VIOLATIONS WERE ISSUED DURING TODAY'S INSPECTION. PLEASE COMPLETE THE REQUIRED ACTION ITEM LISTED BELOW. Please be sure to pay all applicable Unified Program Facility Permit fees within 10 days of receiving your invoice.

***ACTION REQUIRED BY 7/30/2017:**

- Establish/implement adequate HMBP at your facility. Submit to the CUPA your complete HMBP in the California Environmental Reporting System (CERS) at cers.calepa.ca.gov. Your HMBP must include a full submittal of the facility information,hazardous materials inventory and employee training/emergency response plans elements. If you require assistance with completing your CERS submittal, please contact the CERS help desk at (858) 505-6990.

2. EPA ID number CAL000426811 is active. Manifests/waste disposal receipts were available and reviewed. Records must be maintained on-site for at least 3 years.

Helpful Websites:
• For guidance documents on hazardous materials-related topics,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_publications.html
• For information on the California Environmental Reporting System (CERS),
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html
• If you have questions on: permit fees, business plan requirements, or hazardous waste regulations,
go to: http://www.sandiegocounty.gov/content/sdc/deh/hazmat.html
• To find out the latest San Diego County News and receive updates, subscribe to our govdelivery emails:
https://public.govdelivery.com/accounts/CASAND/subscriber/new

If you have any questions regarding this inspection, please contact Raisa Luna ,(619) 884-5441, Raisa.Luna@sdcounty.ca.gov

INSPECTION PHOTOS
None

All regulated businesses are required by law to submit their Unified Program-related information and business updates online through the California Environmental Reporting System (CERS). For additional information about CERS, go to: http://www.sandiegocounty.gov/deh/hazmat/hmd_cers.html

PRINTED NAME OF FACILITY REPRESENTATIVE **Mike Allison**	SIGNATURE		DATE SIGNED **07/07/2017**
TITLE OF FACILITY REPRESENTATIVE **Collision Manager**			

COUNTY OF SAN DIEGO

COMPLIANCE INSPECTION REPORT

Handlers of Hazardous Materials and Small and Large Quantity Generators of Hazardous Waste

FACILITY NAME: *PENSKE FORD COLLISION CENTER

ADDRESS: * 515 MAIN ST CITY/ZIP: *CHULA VISTA 91911

Each violation checked below is for the section(s) of the California Health and Safety Code (HSC), California Code of Regulations (CCR), or the San Diego County Code (SDCC) indicated in italics. Incorporated provisions of Title 40 of the Code of Federal regulations (CFR) are noted for reference. All violations must be corrected. Submit documentation of return to compliance to your Specialist. You may use the Corrective Action Form (HM-926) to document your return to compliance. Please call (858) 505-6880 or your Specialist if you have any questions. HMBP = Hazardous Materials Business Plan; CUPA = Certified Unified Program Agency; CERS = California Environmental Reporting System; SQG = Small Quantity Hazardous Waste Generator; LQG = Large Quantity Hazardous Waste Generator

HAZARDOUS MATERIALS REQUIREMENTS

#	VIOLATION DESCRIPTION
☐ 1010001	HMBP not established/ implemented. HSC 25505(a) and 25507(a)
☐ 1010002	HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a),(b),(d)
☐ 1010003	Business Activities &/or Business Owner/Operator page not completed in CERS. 19 CCR 2652(a)(1); HSC 25404(e)(4); SDCC 68.904(b)
☐ 1010004	Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508(a)(1)(A); 25508.1(a-b); 19 CCR 2654 (a) or (d)
☐ 1010005	Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508(a)(1)(A); 25508.1(f); 19 CCR 2652(a)(3)
☐ 1010006	Failed to update HMBP in CERS within 30 days of a substantial change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)
☐ 1010008	HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)
☐ 1010010	Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3), 25508(a)(1)(A); 19 CCR 2658
☐ 1010011	Failure to notify property owner in writing that the business is subject to the HMBP program. HSC 25505.1
☐ 1010012	Failure to provide a copy of HMBP to the property owner within five working days upon request from property owner. HSC 25505.1
☐ 1010014	Failure to submit emergency response plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
☐ 1010015	Failure to submit employee training plan in CERS, when not meeting agricultural handler exemption. HSC 25507.1(a) and 25508(a)(1)(A)
☐ 1010016	HMBP not established or submitted in CERS, when not meeting the remote site exemption. HSC 25507.2 and 25508(a)(1)(A)
☐ 1020001	Employee training plan for hazardous materials management not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a)
☐ 1020002	Initial &/or annual employee training not conducted for hazardous materials management &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
☐ 1040001	Hazardous materials release or threatened release not reported to the CUPA and OES immediately upon discovery. HSC 25510(a); 19 CCR 2631(a)
☐ HMD1001	Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
☐ HMD1005	Emergency contact not provided or current in CERS. HSC 25508.1(f); SDCC 68.904(b)
☐ HMD1007	Highly toxic gas (TLV<10 ppm) not disclosed. SDCC 68.1113(b)
☐ HMD1008	Annual carcinogen/reproductive toxin list not submitted. SDCC 68.1113(c)
☐ 1010017	HMBP not readily available to facility personnel or the CUPA. HSC 25505(c)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
☐ HMD0226	Did not accumulate waste in a container or tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2)
☐ 3030007	Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
☐ 3030010	Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a); 22 CCR 66262.34(d); 40 CFR 262.34(e) and (f)
☐ 3030013	Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171
☐ 3030015	Failed to accumulate or store hazardous waste in a lined &/or compatible container. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172
☐ 3030017	Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173
☐ 3030019	Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
☐ 3030022	Failed to properly separate incompatible waste. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177
☐ 3030030	Failed to maintain &/or operate facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31
☐ 3030036	Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4); 265.35
☐ 3010022	Failed to post, next to the telephone, emergency information containing the location of emergency equipment, contact names and phone numbers. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)
☐ 3020001	Failure to ensure employees are trained on hazardous waste regulations related to proper waste handling and emergency response procedures. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)
☐ 3030032	Failed to maintain the following emergency response equipment or equivalent: 1) An internal communication or alarm system; 2) A communication device, such as a telephone; 3) Portable fire extinguishers, fire/spill control equipment and decontamination equipment; and 4) Water at adequate volume and pressure. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4); 265.32
☐ 3030039	Failed to have an emergency coordinator on call or available during an emergency. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)
☐ HMD0412	Failed to implement contingency plan during an emergency, spill/release. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iv)

HAZARDOUS WASTE TANK SYSTEMS FOR SQGS ONLY

#	VIOLATION DESCRIPTION
☐ 3030024	Failed to operate uncovered tanks to ensure at least 2 ft. of freeboard to prevent overtopping, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft. of the tank. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(c)
☐ 3030025	Failed to provide an overfill protection device on continuously fed hazardous waste tank(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3); 265.201(b)(4)

☐ 3030027	Failed to conduct daily tank inspection of discharge control system, monitoring equipment and waste level. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(1-3), 262.34(d)(3)
☐ 3030028	Failed to conduct weekly hazardous waste tank inspection to ensure that the construction materials, fixtures and surrounding areas of the tank are in good condition. 22 CCR 66262.34(d)(2); 40 CFR 265.201(c)(4-5), 262.34(d)(3)
☐ 3050007	Failed to properly decontaminate and document closure of a hazardous waste tank system. 22 CCR 67383.3; 40 CFR 262.34(d)(3), 265.201(f)
☐ HMD1612	Hazardous waste improperly stored in a tank system causing leaks, corrosion, or failure. 22 CCR 66262.34(d)(2); 40 CFR 265.201(b)
☐ HMD1614	Failed to pre-notify the CUPA in writing prior to closing a hazardous waste tank system. 22 CCR 67383.3(a)(1)
☐ HMD1615	Failed to properly accumulate ignitable or reactive waste in a tank system. 22 CCR 66262.34(d)(2); 40 CFR 265.201(g)

HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

RECORD KEEPING/OPERATIONAL REQUIREMENTS

#	VIOLATION DESCRIPTION
☐ HMD0131	Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
☐ HMD0150	Failed to submit complete and accurate Facility Information in CERS. HSC 25404(e)(4); 27 CCR 15188(b-c); SDCC 68.904(b)
☐ 3030053	Failed to maintain waste analysis records, analytical records &/or waste determination results for at least 3 years. 22 CCR 66262.40(c)
☐ 3010002	Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
☐ 3010008	Failed to properly complete a uniform hazardous waste manifest. 22 CCR 66262.23(a)
☐ 3010009	Failed to submit an Exception Report to DTSC for hazardous waste manifest. HSC 25123.3(h)(2); 22 CCR 66262.42
☐ 3010010	Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3)
☐ 3010011	Failed to send copy of the uniform hazardous waste manifest to DTSC within 30 days of shipment. 22 CCR 66262.23(a)(4)
☐ 3010013	Failed to meet the consolidated manifesting requirements for waste shipment. HSC 25160.2; 22 CCR 66262.40(a)
☐ 3010014	Failed to retain disposal records of spent lead-acid batteries for 3 years. 22 CCR 66266.81(a)(4)(B)
☐ 3030006	Failed to determine if a hazardous waste is restricted or prohibited from land disposal. 22 CCR 66268.7(a)
☐ 3010016	Failure of recycler who recycles more than 100 kilograms per month of a recyclable material to submit the biennial Recyclable Materials Report (RMR) in CERS when claiming exclusion or exemption. HSC 25143.10(a), (c) &/or (d)
☐ HMD0149	Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130
☐ HMD0152	Failed to submit/report in CERS chemical inventory information for hazardous waste and/or medical waste, and keep up to date. SDCC 68.904(a)(2)
☐ HMD0140	Failed to have Land Disposal Restriction documentation onsite for 3 years. 22 CCR 66268.7(a)(8)
☐ 3250005	Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
☐ 3050005	Failed to have adequate records demonstrating claim of exemption or exclusion for recyclable materials. HSC 25143.2(f); 22 CCR 66261.2(g)
☐ HMD0142	Failed to notify the CUPA in CERS for onsite hazardous waste treatment/tiered permitting. HSC 25201(a)
☐ HMD0138	Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a)

DISPOSAL AND TRANSPORTATION

#	VIOLATION DESCRIPTION
☐ 3010007	Failed to prepare a hazardous waste manifest for the transport of a waste for off-site transfer, treatment, storage, or disposal. HSC 25160(b)(1) or (2), 25160.2(b)(9); 22 CCR 66262.20(a)
☐ 3030005	Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)
☐ 3050001	Failed to use a DTSC registered hazardous waste transporter to transport hazardous waste. HSC 25163(a); 22 CCR 66263.41
☐ 3050002	Failed to properly dispose of hazardous waste at an authorized facility. HSC 25189.5(a); 25189(c),(d); 25189.2(c)
☐ HMD0308	Impermissible dilution of hazardous waste. 22 CCR 66268.3(a)
☐ HMD0305	Disposed of used oil illegally. HSC 25250.5(a); 25189.5(a); 25189(c),(d); 25189.2(c)
☐ HMD0306	Failed to properly dispose of hazardous waste latex paint. HSC 25217.1

STORAGE AND HANDLING

#	VIOLATION DESCRIPTION
☐ 3030001	3030001 Failed to meet the management requirements when handling or storing spent lead-acid batteries. 22 CCR 66266.81(a)
☐ 3030003	Failed to properly manage 'damaged' spent lead acid batteries. 22 CCR 66266.81(b)
☐ 3030004	Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130
☐ 3050004	Generator intentionally contaminated used oil with another hazardous waste other than minimal amounts of fuel. HSC 25250.7(a), (c)
☐ HMD0222	Failed to properly label Excluded Recyclable Materials (ERM) accumulated in a container or tank. HSC 25143.9(a)
☐ HMD0216	Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)
☐ HMD0217	Failed to repackage damaged/deteriorated hazardous material container within 96 hours. HSC 25124(b)(3)(B); 22 CCR 66262.34(f)
☐ HMD0219	Failed to properly segregate used oil &/or fuel drained from filters. HSC 25250.22(b)(4); 22 CCR 66266.130(c)(6)
☐ 3030057	Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
☐ HMD0023	Failed to properly empty container, failed to manage non-empty container, or inner liner removed from a container. 22 CCR 66261.7(b-e) &/or (r)
☐ 3030058	Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)

UNIVERSAL WASTE HANDLER REQUIREMENTS

#	VIOLATION DESCRIPTION
☐ 3010004	Failed to obtain a California ID Number from DTSC or federal ID Number from USEPA prior to accumulating 5,000 kgs or more of Universal Waste. 22 CCR 66273.32(a-b)

☐	HMD0151	Failed to maintain universal waste handler training records for 3 years. 22 CCR 66273.36(c),(d)
☐	3020003	Failed to properly train handlers of universal waste in universal waste management and response procedures. 22 CCR 66273.36(a),(b)
☐	3030008	Failed to properly label or mark Universal Waste container (excluding CESQUWG) 22 CCR 66273.34
☐	3030011	Failed to properly dispose of Universal Waste within one year. 22 CCR 66273.35(a) &/or (b)
☐	HMD0147	Failed to keep records of offsite Universal Waste shipment(s) available for inspection for 3 years. 22 CCR 66273.39(c),(d)(2)
☐	3030051	Failed to meet accumulation &/or containment standards for Universal Waste aerosol containers. HSC 25201.16(f)
☐	3040004	Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5
☐	HMD0307	Disposal of universal waste (UW) to an unauthorized point. HSC 25189.5(a), 25189(c),(d); 25189.2(c); 22 CCR 66273.31(a), 66273.8(b)
☐	3010005	Failure of a universal handler of electronic devices or CRTs from an offsite source to notify DTSC 30 days prior to acceptance. 22 CCR 66273.32(c)

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

CERS APPLICATION

Request to Submit CERS Facility Information to Initiate Unified Program Facility Permit

All Certified Unified Program Agency (CUPA) regulated facilities are required by law (Assembly Bill 2286) to submit business information electronically through the California Environmental Reporting System (CERS). Visit https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

SUBMITTING THIS FORM DOES NOT GRANT YOU A UNIFIED PROGRAM FACILITY PERMIT (UPFP)
MONITOR EMAIL FOR ADDITIONAL INSTRUCTIONS & ACTIONS REQUIRED

I. BUSINESS NAME & LOCATION DETAILS *FOR ACCESS REQUESTS ONLY- FILL OUT SECTIONS I, II, & VII*

Facility Name *(This name will be printed on your permit)*: FORD COLLISION CENTER

CERS ID *(i.e. 10301234)*:

Permit/Record ID *(i.e. DEH2002-HUPFP-123456)*:

Business or Parent Organization Name *(if different than facility name)*: CV AUTOMOTIVE GROUP INC

Past CERS ID *(if you relocated)*:

Past Permit/Record ID *(if you relocated)*:

Current Site Address: 515 MAIN STREET | **Suite**: | **City**: CHULA VIST | **ZIP/Postal Code**: 91911

Previous Site Address *(if you relocated)*: | **Suite**: | **City**: | **ZIP/Postal Code**:

II. CERS USERS TO BE GRANTED ONLINE ACCESS *FOR ACCESS REQUESTS ONLY- FILL OUT SECTIONS I, II, & VII*

The two users designated below will be granted access to this facility in the online California Environmental Reporting System (CERS). These lead users must create a unique user account and log in to CERS to submit required reporting elements. Once submitted, lead users will be notified via email on the status of the submittal. New permits are typically issued after an initial inspection is conducted and only after your inventory has been accepted in CERS.

Primary Lead User Name: ROBERT VALDES
Title: PRESIDENT | **Phone**: 619.656.2500
Email *(Must be different than secondary lead user's email)*: RVALDES@CVAUTO.NET

Secondary Lead User Name: LUIS E GARCIA
Title: CONTROLLER | **Phone**: 619.656.3363
Email *(Must be different than primary lead user's email)*: LGARCIA@CVAUTO.NET

III. BUSINESS OWNERSHIP INFORMATION

Owner Identification: CV AUTOMOTIVE GROUP INC | **24-Hr Phone***:
Title: OWNER
Email: RVALDES@CVAUTO.NET
Owner Mailing Address: 560 AUTO PARK DRIVE | ☐ Same as Site Address
City: CHULA VISTA | **State**: CA | **ZIP/Postal Code**: 91911

*24-Hour phone numbers will be kept confidential and are used for emergency response purposes.

Change of Ownership Details *(leave the section below blank if not applicable)*
Previous Business Name *(or owner's name if the business name has not changed)*: PENSKE FORD COLLISION CENTER
Date of Ownership Change: 05/20/2019

Are business operations and regulated activities remaining the same? ■ Yes ☐ No ☐ Unknown
Has there been major staffing changes due to the change in ownership? ☐ Yes ■ No ☐ Unknown
Is the inventory reported in CERS for this facility remaining the same? ■ Yes ☐ No ☐ Unknown

IV. BUSINESS OWNER/OPERATOR IDENTIFICATION & EMERGENCY CONTACT INFORMATION

Operator Name: CV AUTOMOTIVE GROUP INC ■ Same as Owner
Operator Phone: 619.656.2500 | **Business Phone**: 619.656.2500 | **Business Fax**:

Billing Contact ☐ Same as Owner
First & Last Name: LUIS E. GARCIA | **Phone**: 619.656.3363
Email: LGARCIA@CVAUTO.NET

Mailing Address: 560 AUTO PARK DRIVE ☐ Same as Site Address
City: CHULA VISTA | **State**: CA | **ZIP/Postal Code**: 91911

Primary Emergency Contact Name: CV AUTOMOTIVE GROUP INC ■ Same as Owner
Title: OWNER | **24-Hour Phone***:

Secondary Emergency Contact Name: TELESFORO GOMEZ ☐ Same as Owner
Title: GENERAL MANAGER | **24-Hour Phone***:

Environmental Contact Name: CV AUTOMOTIVE GROUP INC ■ Same as Owner
Email: RVALDES@CVAUTO.NET | **Phone**: 619.656.2500

*24-Hour phone numbers will be kept confidential and are used for emergency response purposes.

CERS BUSINESS ACTIVITIES

V. REGULATED BUSINESS ACTIVITIES

Hazardous Materials/Waste Inventory

Regulated facilities in San Diego County are required by local ordinance to report all medical waste(s) and hazardous waste(s) generated in the Hazardous Materials Inventory submittal element. San Diego County Code §68.904(a)(2), §68.905, §65.1202. Does your facility have on site (for any purpose) at any one time any of the following reportable inventory items? ≠ Hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases ≠ Hazardous wastes in any amount ≠ Medical wastes in any amount *Inventory reporting guidance: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hazmat/hmd_chem_reporting_changes.html*	◉ Yes ○ No

UST: Underground Storage Tank(s)

Does your facility own or operate underground storage tanks?	○ Yes ◉ No

HW: Hazardous Waste

HW Generator: Does your facility generate Hazardous Waste? **If yes, provide an EPA ID Number:** CAL000446460	◉ Yes ○ No
HW Treatment: Does your facility treat hazardous waste on-site?	○ Yes ◉ No
CA/PBR Financial Assurance: Is your facility's treatment subject to financial assurance requirements for Permit by Rule (PBR) or Conditional Authorization (CA)?	○ Yes ◉ No
Remote Consolidation: Does your facility consolidate hazardous waste generated at a remote site?	○ Yes ◉ No
HW Tank Closure: Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	○ Yes ◉ No
RCRA Large Quantity Generator (LQG): Do any of the following apply to this facility? ≠ Generates in any single calendar month 1,000 kg (2,200 pounds) or more of RCRA (federally-regulated) hazardous waste ≠ Generates in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste ≠ Generates or accumulates at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste. **Do not check yes if you only generate non-RCRA waste.** If yes, File Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA LQG.	○ Yes ◉ No

ERM: Excluded Recyclable Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	○ Yes ◉ No

APSA: Aboveground Petroleum Storage Act

Does your facility own or operate aboveground petroleum storage tanks or containers AND: Have a total aboveground petroleum storage capacity of 1,320 gallons or more, OR one or more petroleum tanks in an underground area?	○ Yes ◉ No

V. MEDICAL WASTE INVENTORY (IF APPLICABLE)

Type of Medical Waste	Max Daily Amount [1]	Largest Container	Annual Waste Amount [2]	Container Information
☐ Infectious Waste, Sharps	_____lbs	_____lbs	_____lbs	☐Sharps container
☐ Infectious Waste, General (red bag)	_____lbs	_____lbs	_____lbs	☐Bag
☐ Non-RCRA Pharmaceutical Waste	_____lbs	_____lbs	_____lbs	☐Plastic bottle ☐ Box
☐ Trace Chemotherapy Waste	_____lbs	_____lbs	_____lbs	☐Plastic bottle ☐ Bag
☐ Pathology Waste	_____lbs	_____lbs	_____lbs	☐Plastic bottle ☐ Bag

1 Max Daily Amount: Provide an estimate for the maximum amount (in whole lbs) that can be stored per day at this facility. This cannot be less than the size of the largest container.
2 Annual Waste Amount: Provide an estimate of the amount (in whole lbs) of medical waste generated per year by this facility.

VII. AUTHORIZATION FOR HMD TO SUBMIT INFORMATION IN CERS *FOR ACCESS REQUESTS ONLY- FILL OUT SECTIONS I, II, & VII*

I authorize the Hazardous Materials Division (HMD) to set up my CERS ID; enter the information included on this form into my CERS account; and submit the information through CERS on behalf of my business.

I understand that my obligations to complete the remaining required information through CERS will not be fully satisfied by submitting this form and that I am responsible for completing and maintaining my Facility Information and all other applicable submittal sections in CERS as required by State law and local ordinance.

I certify under penalty of law that I have personally reviewed and verified the information contained on this form to be true, accurate and complete.

Name of Authorizer	Title of Authorizer	Date
LUIS E. GARCIA	CONTROLLER	8/15/19

SUBMITTING THIS FORM DOES NOT GRANT YOU A UNIFIED PROGRAM FACILITY PERMIT (UPFP)
MONITOR EMAIL FOR ADDITIONAL INSTRUCTIONS & ACTIONS REQUIRED

OFFICE USE ONLY

DATE RECEIVED: 8/15/2019
DATE PROCESSED: 8/15/2019
PROCESSED BY: NC

☑ REGULAR CHANGE OF OWNER
☐ TRANSFER PAST SUBMITTALS
☐ SEAMLESS TRANSFER APPROVED

COMMENT:

PO Box 129261, San Diego, CA 92112-926 | (858) 505-6990 | (858) 505-6788 | HMDOps@sdcounty.ca.gov

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

CERS APPLICATION

Request to Submit CERS Facility Information to Initiate Unified Program Facility Permit

All Certified Unified Program Agency (CUPA) regulated facilities are required by law (Assembly Bill 2286) to submit business information electronically through the California Environmental Reporting System (CERS). Visit https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

SUBMITTING THIS FORM DOES NOT GRANT YOU A UNIFIED PROGRAM FACILITY PERMIT (UPFP)
MONITOR EMAIL FOR ADDITIONAL INSTRUCTIONS & ACTIONS REQUIRED

I. BUSINESS NAME & LOCATION DETAILS *FOR ACCESS REQUESTS ONLY- FILL OUT SECTIONS I, II, & VII*

Facility Name *(This name will be printed on your permit)*: FORD COLLISION CENTER

CERS ID *(i.e. 10301234)*:

Permit/Record ID *(i.e. DEH2002-HUPFP-123456)*:

Business or Parent Organization Name *(if different than facility name)*: CV AUTOMOTIVE GROUP INC

Past CERS ID *(if you relocated)*:

Past Permit/Record ID *(if you relocated)*:

Current Site Address: 515 MAIN STREET | **Suite**: | **City**: CHULA VIST | **ZIP/Postal Code**: 91911

Previous Site Address *(if you relocated)*: | **Suite**: | **City**: | **ZIP/Postal Code**:

II. CERS USERS TO BE GRANTED ONLINE ACCESS *FOR ACCESS REQUESTS ONLY- FILL OUT SECTIONS I, II, & VII*

The two users designated below will be granted access to this facility in the online California Environmental Reporting System (CERS). These lead users must create a unique user account and log in to CERS to submit required reporting elements. Once submitted, lead users will be notified via email on the status of the submittal. New permits are typically issued after an initial inspection is conducted and only after your inventory has been accepted in CERS.

Primary Lead User Name: ROBERT VALDES
Title: PRESIDENT | **Phone**: 619.656.2500
Email *(Must be different than secondary lead user's email)*: RVALDES@CVAUTO.NET

Secondary Lead User Name: LUIS E GARCIA
Title: CONTROLLER | **Phone**: 619.656.3363
Email *(Must be different than primary lead user's email)*: LGARCIA@CVAUTO.NET

III. BUSINESS OWNERSHIP INFORMATION

Owner Identification: CV AUTOMOTIVE GROUP INC | **24-Hr Phone***:
Title: OWNER
Email: RVALDES@CVAUTO.NET
Owner Mailing Address: 560 AUTO PARK DRIVE | ☐ Same as Site Address
City: CHULA VISTA | **State**: CA | **ZIP/Postal Code**: 91911

*24-Hour phone numbers will be kept confidential and are used for emergency response purposes.

Change of Ownership Details *(leave the section below blank if not applicable)*
Previous Business Name *(or owner's name if the business name has not changed)*: PENSKE FORD COLLISION CENTER
Date of Ownership Change: 05/20/2019

Are business operations and regulated activities remaining the same? ■ Yes ☐ No ☐ Unknown
Has there been major staffing changes due to the change in ownership? ☐ Yes ■ No ☐ Unknown
Is the inventory reported in CERS for this facility remaining the same? ■ Yes ☐ No ☐ Unknown

IV. BUSINESS OWNER/OPERATOR IDENTIFICATION & EMERGENCY CONTACT INFORMATION

Operator Name: CV AUTOMOTIVE GROUP INC ■ Same as Owner
Operator Phone: 619.656.2500 | **Business Phone**: 619.656.2500 | **Business Fax**:

Billing Contact ☐ Same as Owner
First & Last Name: LUIS E. GARCIA | **Phone**: 619.656.3363
Email: LGARCIA@CVAUTO.NET

Mailing Address: 560 AUTO PARK DRIVE ☐ Same as Site Address
City: CHULA VISTA | **State**: CA | **ZIP/Postal Code**: 91911

Primary Emergency Contact Name: CV AUTOMOTIVE GROUP INC ■ Same as Owner
Title: OWNER | **24-Hour Phone***:

Secondary Emergency Contact Name: TELESFORO GOMEZ ☐ Same as Owner
Title: GENERAL MANAGER | **24-Hour Phone***:

Environmental Contact Name: CV AUTOMOTIVE GROUP INC ■ Same as Owner
Email: RVALDES@CVAUTO.NET | **Phone**: 619.656.2500

*24-Hour phone numbers will be kept confidential and are used for emergency response purposes.

CERS BUSINESS ACTIVITIES

V. REGULATED BUSINESS ACTIVITIES

Hazardous Materials/Waste Inventory

Regulated facilities in San Diego County are required by local ordinance to report all medical waste(s) and hazardous waste(s) generated in the Hazardous Materials Inventory submittal element. San Diego County Code §68.904(a)(2), §68.905, §65.1202. Does your facility have on site (for any purpose) at any one time any of the following reportable inventory items? ≠ Hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases ≠ Hazardous wastes in any amount ≠ Medical wastes in any amount *Inventory reporting guidance: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hazmat/hmd_chem_reporting_changes.html*	◉ Yes ○ No

UST: Underground Storage Tank(s)

Does your facility own or operate underground storage tanks?	○ Yes ◉ No

HW: Hazardous Waste

HW Generator: Does your facility generate Hazardous Waste? **If yes, provide an EPA ID Number:** CAL000446460	◉ Yes ○ No
HW Treatment: Does your facility treat hazardous waste on-site?	○ Yes ◉ No
CA/PBR Financial Assurance: Is your facility's treatment subject to financial assurance requirements for Permit by Rule (PBR) or Conditional Authorization (CA)?	○ Yes ◉ No
Remote Consolidation: Does your facility consolidate hazardous waste generated at a remote site?	○ Yes ◉ No
HW Tank Closure: Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	○ Yes ◉ No
RCRA Large Quantity Generator (LQG): Do any of the following apply to this facility? ≠ Generates in any single calendar month 1,000 kg (2,200 pounds) or more of RCRA (federally-regulated) hazardous waste ≠ Generates in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste ≠ Generates or accumulates at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste. **Do not check yes if you only generate non-RCRA waste.** If yes, File Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA LQG.	○ Yes ◉ No

ERM: Excluded Recyclable Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	○ Yes ◉ No

APSA: Aboveground Petroleum Storage Act

Does your facility own or operate aboveground petroleum storage tanks or containers AND: Have a total aboveground petroleum storage capacity of 1,320 gallons or more, OR one or more petroleum tanks in an underground area?	○ Yes ◉ No

V. MEDICAL WASTE INVENTORY (IF APPLICABLE)

Type of Medical Waste	Max Daily Amount [1]	Largest Container	Annual Waste Amount [2]	Container Information
☐ Infectious Waste, Sharps	_____lbs	_____lbs	_____lbs	☐Sharps container
☐ Infectious Waste, General (red bag)	_____lbs	_____lbs	_____lbs	☐Bag
☐ Non-RCRA Pharmaceutical Waste	_____lbs	_____lbs	_____lbs	☐Plastic bottle ☐ Box
☐ Trace Chemotherapy Waste	_____lbs	_____lbs	_____lbs	☐Plastic bottle ☐ Bag
☐ Pathology Waste	_____lbs	_____lbs	_____lbs	☐Plastic bottle ☐ Bag

1 Max Daily Amount: Provide an estimate for the maximum amount (in whole lbs) that can be stored per day at this facility. This cannot be less than the size of the largest container.
2 Annual Waste Amount: Provide an estimate of the amount (in whole lbs) of medical waste generated per year by this facility.

VII. AUTHORIZATION FOR HMD TO SUBMIT INFORMATION IN CERS *FOR ACCESS REQUESTS ONLY- FILL OUT SECTIONS I, II, & VII*

I authorize the Hazardous Materials Division (HMD) to set up my CERS ID; enter the information included on this form into my CERS account; and submit the information through CERS on behalf of my business.

I understand that my obligations to complete the remaining required information through CERS will not be fully satisfied by submitting this form and that I am responsible for completing and maintaining my Facility Information and all other applicable submittal sections in CERS as required by State law and local ordinance.

I certify under penalty of law that I have personally reviewed and verified the information contained on this form to be true, accurate and complete.

Name of Authorizer	Title of Authorizer	Date
LUIS E. GARCIA	CONTROLLER	8/15/19

SUBMITTING THIS FORM DOES NOT GRANT YOU A UNIFIED PROGRAM FACILITY PERMIT (UPFP)
MONITOR EMAIL FOR ADDITIONAL INSTRUCTIONS & ACTIONS REQUIRED

OFFICE USE ONLY

DATE RECEIVED: 8/15/2019
DATE PROCESSED: 8/15/2019
PROCESSED BY: NC

☑ REGULAR CHANGE OF OWNER
☐ TRANSFER PAST SUBMITTALS
☐ SEAMLESS TRANSFER APPROVED

COMMENT:

PO Box 129261, San Diego, CA 92112-926 | (858) 505-6990 | (858) 505-6788 | HMDOps@sdcounty.ca.gov

Client Sample ID: 17310

Date Collected: 03/04/20 15:41
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-2
Matrix: Solid

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		03/09/20 13:30	03/10/20 13:39	1

Client Sample ID: 17311

Date Collected: 03/04/20 15:44
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-3
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Arsenic	ND		3.1		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Barium	**1600**		1.5		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Beryllium	ND		0.51		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Cadmium	ND		0.51		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Chromium	**3.1**		0.99		mg/Kg		03/12/20 08:30	03/16/20 22:14	5
Cobalt	ND		1.0		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Copper	**1300**		2.0		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Lead	ND		2.0		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Molybdenum	**4.5**		2.0		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Nickel	ND		2.0		mg/Kg		03/12/20 08:30	03/16/20 22:14	5
Selenium	ND		3.1		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Silver	ND		1.5		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Thallium	ND		10		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Vanadium	ND		1.0		mg/Kg		03/10/20 10:50	03/11/20 15:17	5
Zinc	**14**		5.1		mg/Kg		03/10/20 10:50	03/11/20 15:17	5

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.20		mg/L			03/23/20 16:14	20

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		03/09/20 13:30	03/10/20 13:41	1

Client Sample ID: 17312

Date Collected: 03/04/20 15:50
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-4
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1000		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Arsenic	ND		300		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Barium	ND		150		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Beryllium	ND		50		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Cadmium	ND		50		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Chromium	**45000**	**B**	100		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Cobalt	ND		100		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Copper	ND		200		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Lead	ND		200		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Molybdenum	ND		200		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Nickel	**160000**	**B**	200		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Selenium	ND		300		mg/Kg		03/10/20 10:50	03/11/20 15:25	500

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Client Sample ID: 17312
Date Collected: 03/04/20 15:50
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-4
Matrix: Solid

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		150		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Thallium	ND		1000		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Vanadium	ND		100		mg/Kg		03/10/20 10:50	03/11/20 15:25	500
Zinc	ND		500		mg/Kg		03/10/20 10:50	03/11/20 15:25	500

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**2.6**		0.20		mg/L			03/23/20 16:16	20
Chromium	ND		0.10		mg/L			03/23/20 16:16	20

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg		03/09/20 13:30	03/10/20 13:44	5

Method Summary

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV
7471A	Preparation, Mercury	SW846	TAL IRV
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL IRV

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Client Sample ID: 17309
Date Collected: 03/04/20 15:39
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.02 g	500 mL	601696	03/21/20 03:30	A1M	TAL IRV
STLC Citrate	Analysis	6010B		20			601992	03/23/20 16:11	P1R	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	599491	03/10/20 10:50	NE1	TAL IRV
Total/NA	Analysis	6010B		500			599985	03/11/20 15:12	TQN	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	599498	03/09/20 13:30	MEM	TAL IRV
Total/NA	Analysis	7471A		5			599758	03/10/20 13:37	MEM	TAL IRV

Client Sample ID: 17310
Date Collected: 03/04/20 15:41
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	599491	03/10/20 10:50	NE1	TAL IRV
Total/NA	Analysis	6010B		5			599985	03/11/20 15:15	TQN	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	600039	03/12/20 08:30	A1M	TAL IRV
Total/NA	Analysis	6010B		5			600834	03/16/20 22:11	P1R	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	599498	03/09/20 13:30	MEM	TAL IRV
Total/NA	Analysis	7471A		1			599758	03/10/20 13:39	MEM	TAL IRV

Client Sample ID: 17311
Date Collected: 03/04/20 15:44
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.02 g	500 mL	601696	03/21/20 03:30	A1M	TAL IRV
STLC Citrate	Analysis	6010B		20			601992	03/23/20 16:14	P1R	TAL IRV
Total/NA	Prep	3050B			1.96 g	50 mL	599491	03/10/20 10:50	NE1	TAL IRV
Total/NA	Analysis	6010B		5			599985	03/11/20 15:17	TQN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	600039	03/12/20 08:30	A1M	TAL IRV
Total/NA	Analysis	6010B		5			600834	03/16/20 22:14	P1R	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	599498	03/09/20 13:30	MEM	TAL IRV
Total/NA	Analysis	7471A		1			599758	03/10/20 13:41	MEM	TAL IRV

Client Sample ID: 17312
Date Collected: 03/04/20 15:50
Date Received: 03/05/20 16:15

Lab Sample ID: 440-262156-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.03 g	500 mL	601696	03/21/20 03:30	A1M	TAL IRV
STLC Citrate	Analysis	6010B		20			601992	03/23/20 16:16	P1R	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	599491	03/10/20 10:50	NE1	TAL IRV
Total/NA	Analysis	6010B		500			599985	03/11/20 15:25	TQN	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	599498	03/09/20 13:30	MEM	TAL IRV
Total/NA	Analysis	7471A		5			599758	03/10/20 13:44	MEM	TAL IRV

Lab Chronicle

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-599491/1-B ^5
Matrix: Solid
Analysis Batch: 599985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599491

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Arsenic	ND		3.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Barium	ND		1.5		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Beryllium	ND		0.51		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Cadmium	ND		0.51		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Cobalt	ND		1.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Lead	ND		2.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Molybdenum	ND		2.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Selenium	ND		3.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Silver	ND		1.5		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Thallium	ND		10		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Vanadium	ND		1.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Zinc	ND		5.1		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Nickel	109		2.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Copper	ND		2.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5
Chromium	36.3		1.0		mg/Kg		03/10/20 10:50	03/11/20 14:39	5

Lab Sample ID: LCS 440-599491/2-B ^5
Matrix: Solid
Analysis Batch: 599985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599491

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			50.3	47.6		mg/Kg		95	80 - 120		
Arsenic			50.3	42.5		mg/Kg		85	80 - 120		
Barium			50.3	45.9		mg/Kg		91	80 - 120		
Beryllium			50.3	43.0		mg/Kg		85	80 - 120		
Cadmium			50.3	43.2		mg/Kg		86	80 - 120		
Cobalt			50.3	44.4		mg/Kg		88	80 - 120		
Lead			50.3	43.6		mg/Kg		87	80 - 120		
Molybdenum			50.3	46.5		mg/Kg		93	80 - 120		
Selenium			50.3	40.9		mg/Kg		81	80 - 120		
Silver			25.1	21.9		mg/Kg		87	80 - 120		
Thallium			50.3	42.8		mg/Kg		85	80 - 120		
Vanadium			50.3	43.3		mg/Kg		86	80 - 120		
Zinc			50.3	43.2		mg/Kg		86	80 - 120		
Nickel			50.3	45.5		mg/Kg		90	80 - 120		
Copper			50.3	44.0		mg/Kg		88	80 - 120		
Chromium			50.3	44.8		mg/Kg		89	80 - 120		

Lab Sample ID: 440-262106-A-1-E MS ^5
Matrix: Solid
Analysis Batch: 599985

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 599491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony	ND	F1	49.8	17.1	F1	mg/Kg		34	75 - 125		
Arsenic	3.4		49.8	41.3		mg/Kg		76	75 - 125		
Barium	130	F1	49.8	165	F1	mg/Kg		70	75 - 125		
Beryllium	0.80		49.8	41.0		mg/Kg		81	75 - 125		
Cadmium	ND		49.8	38.8		mg/Kg		78	75 - 125		

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-262106-A-1-E MS ^5
Matrix: Solid
Analysis Batch: 599985

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 599491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	9.7		49.8	48.6		mg/Kg		78	75 - 125
Lead	15	F1	49.8	50.6	F1	mg/Kg		71	75 - 125
Molybdenum	ND		49.8	41.6		mg/Kg		81	75 - 125
Selenium	ND	F1	49.8	36.4	F1	mg/Kg		73	75 - 125
Silver	ND		24.9	19.3		mg/Kg		78	75 - 125
Thallium	ND		49.8	38.2		mg/Kg		77	75 - 125
Vanadium	44		49.8	83.5		mg/Kg		80	75 - 125
Zinc	54	F1	49.8	89.5	F1	mg/Kg		72	75 - 125
Nickel	19	B F1 F2	49.8	109	F1	mg/Kg		181	75 - 125
Copper	18		49.8	59.5		mg/Kg		84	75 - 125
Chromium	24	B F1 F2	49.8	76.5		mg/Kg		106	75 - 125

Lab Sample ID: 440-262106-A-1-F MSD ^5
Matrix: Solid
Analysis Batch: 599985

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 599491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	49.5	16.7	F1	mg/Kg		34	75 - 125	2	20
Arsenic	3.4		49.5	41.9		mg/Kg		78	75 - 125	1	20
Barium	130	F1	49.5	164	F1	mg/Kg		68	75 - 125	1	20
Beryllium	0.80		49.5	40.8		mg/Kg		81	75 - 125	0	20
Cadmium	ND		49.5	38.6		mg/Kg		77	75 - 125	1	20
Cobalt	9.7		49.5	48.3		mg/Kg		78	75 - 125	1	20
Lead	15	F1	49.5	50.4	F1	mg/Kg		71	75 - 125	0	20
Molybdenum	ND		49.5	41.3		mg/Kg		81	75 - 125	1	20
Selenium	ND	F1	49.5	36.5	F1	mg/Kg		74	75 - 125	0	20
Silver	ND		24.8	19.2		mg/Kg		77	75 - 125	1	20
Thallium	ND		49.5	36.9		mg/Kg		75	75 - 125	3	20
Vanadium	44		49.5	83.4		mg/Kg		80	75 - 125	0	20
Zinc	54	F1	49.5	90.3	F1	mg/Kg		74	75 - 125	1	20
Nickel	19	B F1 F2	49.5	377	F1 F2	mg/Kg		725	75 - 125	110	20
Copper	18		49.5	59.8		mg/Kg		85	75 - 125	0	20
Chromium	24	B F1 F2	49.5	139	F1 F2	mg/Kg		233	75 - 125	58	20

Lab Sample ID: MB 440-600039/1-A ^5
Matrix: Solid
Analysis Batch: 600657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 600039

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		2.0		mg/Kg		03/12/20 08:30	03/15/20 19:46	5
Chromium	ND		1.0		mg/Kg		03/12/20 08:30	03/15/20 19:46	5

Lab Sample ID: LCS 440-600039/2-A ^5
Matrix: Solid
Analysis Batch: 600657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 600039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	49.8	43.2		mg/Kg		87	80 - 120
Chromium	49.8	43.4		mg/Kg		87	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-262210-A-61-B MS ^5
Matrix: Solid
Analysis Batch: 600657

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 600039

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	28		50.3	68.0		mg/Kg		79	75 - 125
Chromium	33		50.3	78.9		mg/Kg		92	75 - 125

Lab Sample ID: 440-262210-A-61-C MSD ^5
Matrix: Solid
Analysis Batch: 600657

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 600039

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	28		49.3	69.2		mg/Kg		83	75 - 125	2	20
Chromium	33		49.3	80.4		mg/Kg		97	75 - 125	2	20

Lab Sample ID: MB 440-601696/1-A ^20
Matrix: Solid
Analysis Batch: 601992

Client Sample ID: Method Blank
Prep Type: STLC Citrate

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.20	mg/L			03/23/20 15:45	20
Copper	ND		0.20	mg/L			03/23/20 15:45	20
Chromium	ND		0.10	mg/L			03/23/20 15:45	20

Lab Sample ID: LCS 440-601696/2-A ^20
Matrix: Solid
Analysis Batch: 601992

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	20.0	19.8		mg/L		99	80 - 120
Copper	20.0	21.2		mg/L		106	80 - 120
Chromium	20.0	20.1		mg/L		100	80 - 120

Lab Sample ID: 440-262660-A-22-B MS ^20
Matrix: Solid
Analysis Batch: 601992

Client Sample ID: Matrix Spike
Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	0.72		20.0	20.2		mg/L		98	75 - 125
Copper	0.22		20.0	21.1		mg/L		105	75 - 125
Chromium	ND		20.0	20.0		mg/L		100	75 - 125

Lab Sample ID: 440-262660-A-22-B MSD ^20
Matrix: Solid
Analysis Batch: 601992

Client Sample ID: Matrix Spike Duplicate
Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	0.72		20.0	20.2		mg/L		97	75 - 125	0	20
Copper	0.22		20.0	21.1		mg/L		105	75 - 125	0	20
Chromium	ND		20.0	20.0		mg/L		100	75 - 125	0	20

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-599498/1-A
Matrix: Solid
Analysis Batch: 599758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599498

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		03/09/20 13:30	03/10/20 13:14	1

Lab Sample ID: LCS 440-599498/2-A
Matrix: Solid
Analysis Batch: 599758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599498

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.408	0.394		mg/Kg		97	80 - 120		

Lab Sample ID: 440-262171-A-1-C MS
Matrix: Solid
Analysis Batch: 599758

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 599498

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.408	0.408		mg/Kg		95	75 - 125		

Lab Sample ID: 440-262171-A-1-D MSD
Matrix: Solid
Analysis Batch: 599758

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 599498

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.400	0.398		mg/Kg		95	75 - 125	2	20

Metals

Prep Batch: 599491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-1	17309	Total/NA	Solid	3050B	
440-262156-2	17310	Total/NA	Solid	3050B	
440-262156-3	17311	Total/NA	Solid	3050B	
440-262156-4	17312	Total/NA	Solid	3050B	
MB 440-599491/1-B ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-599491/2-B ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-262106-A-1-E MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-262106-A-1-F MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 599498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-1	17309	Total/NA	Solid	7471A	
440-262156-2	17310	Total/NA	Solid	7471A	
440-262156-3	17311	Total/NA	Solid	7471A	
440-262156-4	17312	Total/NA	Solid	7471A	
MB 440-599498/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 440-599498/2-A	Lab Control Sample	Total/NA	Solid	7471A	
440-262171-A-1-C MS	Matrix Spike	Total/NA	Solid	7471A	
440-262171-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 599758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-1	17309	Total/NA	Solid	7471A	599498
440-262156-2	17310	Total/NA	Solid	7471A	599498
440-262156-3	17311	Total/NA	Solid	7471A	599498
440-262156-4	17312	Total/NA	Solid	7471A	599498
MB 440-599498/1-A	Method Blank	Total/NA	Solid	7471A	599498
LCS 440-599498/2-A	Lab Control Sample	Total/NA	Solid	7471A	599498
440-262171-A-1-C MS	Matrix Spike	Total/NA	Solid	7471A	599498
440-262171-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	599498

Analysis Batch: 599985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-1	17309	Total/NA	Solid	6010B	599491
440-262156-2	17310	Total/NA	Solid	6010B	599491
440-262156-3	17311	Total/NA	Solid	6010B	599491
440-262156-4	17312	Total/NA	Solid	6010B	599491
MB 440-599491/1-B ^5	Method Blank	Total/NA	Solid	6010B	599491
LCS 440-599491/2-B ^5	Lab Control Sample	Total/NA	Solid	6010B	599491
440-262106-A-1-E MS ^5	Matrix Spike	Total/NA	Solid	6010B	599491
440-262106-A-1-F MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	599491

Prep Batch: 600039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-2	17310	Total/NA	Solid	3050B	
440-262156-3	17311	Total/NA	Solid	3050B	
MB 440-600039/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-600039/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-262210-A-61-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-262210-A-61-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Metals

Analysis Batch: 600657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-600039/1-A ^5	Method Blank	Total/NA	Solid	6010B	600039
LCS 440-600039/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	600039
440-262210-A-61-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	600039
440-262210-A-61-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	600039

Analysis Batch: 600834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-2	17310	Total/NA	Solid	6010B	600039
440-262156-3	17311	Total/NA	Solid	6010B	600039

Leach Batch: 601696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-1	17309	STLC Citrate	Solid	CA WET Citrate	
440-262156-3	17311	STLC Citrate	Solid	CA WET Citrate	
440-262156-4	17312	STLC Citrate	Solid	CA WET Citrate	
MB 440-601696/1-A ^20	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 440-601696/2-A ^20	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
440-262660-A-22-B MS ^20	Matrix Spike	STLC Citrate	Solid	CA WET Citrate	
440-262660-A-22-B MSD ^2(	Matrix Spike Duplicate	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 601992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-262156-1	17309	STLC Citrate	Solid	6010B	601696
440-262156-3	17311	STLC Citrate	Solid	6010B	601696
440-262156-4	17312	STLC Citrate	Solid	6010B	601696
MB 440-601696/1-A ^20	Method Blank	STLC Citrate	Solid	6010B	601696
LCS 440-601696/2-A ^20	Lab Control Sample	STLC Citrate	Solid	6010B	601696
440-262660-A-22-B MS ^20	Matrix Spike	STLC Citrate	Solid	6010B	601696
440-262660-A-22-B MSD ^2(	Matrix Spike Duplicate	STLC Citrate	Solid	6010B	601696

Definitions/Glossary

Client: County of San Diego
Project/Site: Lyon Technologies Inc.

Job ID: 440-262156-1

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Accreditation/Certification Summary

Client: County of San Diego
Job ID: 440-262156-1
Project/Site: Lyon Technologies Inc.

Laboratory: Eurofins Calscience Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte

County of San Diego

HMD Chain-of-Custody Record

Date 3/4/2020 Page 1 of 1

Project/Business Name: MOW TECHNOLOGIES INC.
UPFP#/Complaint#/HIRT#: DEH 2002-HMRR-139361
Address: 12490 BRANCHING CHAIN WITH - FACING SAMPLES AT MIRAMAR LANDFILL - 5180 CONVOY ST.
Sampler's Signature:
Sampler's Printed Name: BRAD RICHARDSON SD 92111

SAMPLE LABEL NO.	DATE (of Collection)	TIME	DESCRIPTION OF SAMPLE/ CONTAINER/LOCATION	Title 22 Metals (TTLC)	Title 22 Metals (STLC)	pH	Flashpoint/Ignitibility	Other:	SOLID	LIQUID	MULTI-PHASIC	NO OF CONTAINERS	COMMENTS
17309	3/4/20	3:39 PM	METAL SHAVINGS IN 5T CONVEY OPEN TOP AT MIRAMAR LANDFILL	X					X			1	LOCATED AT UNLOADING AREA
17310	3/4/20	3:41 PM	DUST IN PLASTIC TRASH CAN OPEN TOP AT MIRAMAR LANDFILL W/ PLASTIC COVER	X					X			1	
17311	3/4/20	3:44 PM	WHITE SMOKESTACK WITH BLUE MATERIAL LOCATED AT UNLOADING AREA AT MIRAMAR LANDFILL	X					X			1	
17312	3/4/20	3:50 PM	METAL SHAVINGS WITH CHIPS IN OPEN 5T CONVEY AT MIRAMAR LANDFILL	X					X			1	
													*FISH BIOASSAY TEST PENDING METAL ANALYSIS FOR ALL FOUR SAMPLES

440-262156 Login
PM: Fama, Sheri M
Company: County of San Diego

COPY OF LAB RESULTS MUST BE SENT TO:
Dept. of Environmental Health
Hazardous Materials Division
P.O. Box 129261
San Diego, CA 92112-9261

ANALYSIS REQUESTED / SAMPLE TYPE

HMD LAB CUSTODIAN (PRINT NAME)	DATE IN:	TIME IN:	HMD LAB CUSTODIAN (PRINT NAME)	DATE IN:	TIME IN:	HMD LAB CUSTODIAN (PRINT NAME)	DATE IN:	TIME IN:
HMD LAB CUSTODIAN (PRINT NAME)	DATE OUT:	TIME OUT:	HMD LAB CUSTODIAN (PRINT NAME)	DATE OUT:	TIME OUT:	HMD LAB CUSTODIAN (PRINT NAME)	DATE OUT:	TIME OUT:

3/5/20

① RELINQUISHED BY	Date	② RELINQUISHED BY	Date	③ RELINQUISHED BY	Date
Signature: BRAD RICHARDSON	3/5/2020	Signature: TONY LOMA	3/5/2020	Signature:	
Printed Name: DEH-HMD	Time: 11:05 AM	Printed Name: EC-IRV	Time: 1615	Printed Name:	Time:
Company:		Company:		Company:	
RECEIVED BY	Date	RECEIVED BY	Date	RECEIVED BY	Date
Signature: TONY LOMA	3/5/2020	Signature:	3/5/20	Signature:	
Printed Name: EC-IRV	Time: 1105	Printed Name: Jorge Loguinz	Time: 1615	Printed Name:	Time:
Company:		Company: EC-IRV		Company:	

Sample Conditions
Received On Ice Yes/No
Tape Seal Intact Yes/No
Special Shipment/Handling or Storage Requirements:
Split/Duplicate Sample Provided To: SPLIT/DUPLICATE PRELIMED BY ERNEST PATTERSON

1.1 | 1.1 IR93

DEH:HM-941 (Rev. 1/20)

County of San Diego
Department of Environmental Health

Page 19 of 20

3/24/2020

Login Sample Receipt Checklist

Client: County of San Diego

Job Number: 440-262156-1
SDG Number:

Login Number: 262156
List Number: 1
Creator: Escalante, Maria I

List Source: Eurofins Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

COUNTY OF SAN DIEGO

8-23-96

Page 1 of 2

EST. NO. H 35978
DATE 8/7/96
TIME START 10 END 11 55
BUS. CODE K70
SPECIALIST ESTOLANO, G
CONTACT VIRGIL BENTON
TITLE OPERATIONS MANAGER
PHONE (619) 656-2050

COMPLIANCE INSPECTION REPORT

BUSINESS NAME KEYSTONE AUTOMOTIVE
ADDRESS 1670 Brandywine Avenue #3
CITY/ZIP Chula Vista CA 91911

On the above date an inspection of your business/facility was conducted in order to determine compliance with the California Health and Safety Code (H&S) Chapters 6.5, 6.7, 6.95; Titles 19, 22 and 23 of the California Code of Regulations (CCR); and the San Diego County Code (SDCC). The following remarks are intended to provide guidance to correct the violations noted on the attached violation report.

Office Use Only

AUG 2 9 1996

MSDS FOR H2O BASE TRIMCO - PRIMER

ROUTINE INSPECTION:

Processed 10/4/96 & File

618-6942

1. OBTAIN AN EPA ID # BY CALLING 1-800-61-TOXIC. @ 694-3340
2. CALL AIR POLLUTION CONTROL DISTRICT AND INQUIRE ABOUT REQUIREMENTS FOR PERMITTING PAINT BOOTH.
3. COMPLETE HAZARDOUS MATERIALS BUSINESS PLAN E' MAIL TO my ATTENTION WITHIN 5 WORKING DAYS (By 8/14/96) HMBP
4. USE HMBP AS PART OF EMPLOYEE TRAINING. ANNUAL EMPLOYEE TRAINING MUST INCLUDE HAZARDOUS MATERIALS/WASTE MANAGEMENT, SPILL CONTROL AND EMERGENCY PROCEDURES.
   - MAIL TO my ATTENTION DOCUMENTATION OF TRAINING By 8/21/96
5. OBSERVED THAT BUMPERS ARE SANDED AND THAT PAINT CHIPS/SAND ARE GENERATED / SANDBLAST WASTE ALSO GENERATED
   - COLLECT CHIPS/SAND IN A CLOSED, LABELED CONTAINER
   - PERFORM WASTE DETERMINATION OR MANAGE AS A HAZARDOUS WASTE.
6. DISPOSE OF OFF SPEC/OUTDATED MATERIALS ANNUALLY AT A MINIMUM.

Charles L Smith — 8-7-96 — WAREHOUSE MANAGER

Signature of Business Representative — Date Signed — Title

Department of Environmental Health, Hazardous Materials Management Division, P.O. Box 85261, San Diego, CA, 92186-5261

(619) 338-2222

DEH:HM-924 (Rev. 1/96) NCR

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

County of San Diego
Department of Environmental Health

COUNTY OF SAN DIEGO

EST. NUMBER H HE 35978

DATE 8/07/96

PAGE 2 OF 2

COMPLIANCE INSPECTION REPORT

BUSINESS ADDRESS: 1670 ~~Broadway~~ Brandywine, Chula Vista CA 91911

VIOLATION REPORT: The items checked below refer to specific section numbers of Titles 19/22/23 of the California Code of Regulations (CCR), Chapters 6.5, 6.7, 6.95 of the Health and Safety Code (HSC), and/or the San Diego County Code (SDCC).

I HAZARDOUS WASTE REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.905 V0108 W
- [X] No EPA Identification Number 66262.12 V0105 W
- [ ] Waste Manifests/Receipts not on-site for 3 years 66262.40 V0118 W
- [ ] Manifest not properly completed 66262.23 V0120 W
- [ ] Manifest copy not sent to CAL-EPA 66262.23 V0115 W
- [ ] TSDF signed-manifest not on-site 66262.40 V0121 W
- [ ] Biennial report not sent to CAL-EPA 66262.41 V0122 W
- [ ] LDR Documentation not available 66268.7 V0123 W
- [ ] Exception Rpt. not filed with CAL-EPA 66262.42 V0116 W
- [ ] Operating TSDF without authorization 25201 V0124 W

STORAGE AND HANDLING

- [ ] Waste stored longer than 90 days 66262.34 V0221 W
- [ ] Waste container missing/improperly labeled 66262.34 V0222 W
- [ ] Haz Materials not properly labeled 25124 V0223 W
- [ ] Waste container not kept closed 66265.173 V0202 W
- [ ] Waste container in poor condition 66265.171 V0205 W
- [ ] Waste container(s) not properly managed 66265.173 V0210 W
- [ ] Damaged container not repackaged 66265.171 V0226 W
- [ ] Container incompatible with waste 66265.172 V0207 W
- [ ] Incompatibles in the same container 66265.177 V0224 W
- [ ] Incompatibles not stored separately 66265.177 V0213 W
- [ ] Ignitible Wastes less than 50 feet 66265.176 V0214 W
- [ ] Ignitible Wastes not grounded 66265.31 V0215 W
- [ ] Storage area not inspected weekly 66265.174 V0216 W

DISPOSAL AND TRANSPORTATION

- [ ] Unauth. disposal of waste to _____ 25189.5 V0313 W
- [X] Waste determination not made 66262.11 V0319 W
- [ ] Unlawful transport of haz. waste 25163 V0315 W
- [ ] Waste transported without manifest 66262.20 V0316 W
- [ ] No Extremely Haz. Waste Permit 67430.1 V0317 W

TRAINING, CONTINGENCY PLAN & EMERGENCY PROCEDURES

- [ ] Training records unavailable 66265.16 V0405 W
- [ ] Training program not adequate 66265.16 V0406 W
- [ ] Facility not designed to minimize release 66265.31 V0501 W
- [ ] Spill control equip not available 66265.32 V0508 W
- [ ] Aisle space is obstructed 66265.35 V0509 W
- [ ] Contingency plan not prepared and/or on file 66265.51, 66265.53 V0600 W

MISCELLANEOUS

- [ ] Waste oil contaminated 25250.7 V0225 W
- [ ] Used oil filters improperly managed 66266.130 V0701 W
- [ ] Damaged batteries improperly managed 66266.81 V0702 W

II UNDERGROUND STORAGE TANK (UST) REQUIREMENTS:

GENERAL UST REQUIREMENTS

- [ ] Health Permit not obtained 68.1005, 25284 V3002 T
- [ ] Repair/modify/close permit not obtained 68.1005 V3007 T
- [ ] UST Permit Application not submitted 25286(a) V3010 T
- [ ] Operating permit conditions violated 2712 V3011 T
- [ ] Failed to notify HMMD of changes 25284 V3012 T
- [ ] No owner/operator agreement 25293 V3005 T
- [ ] No records of financial coverage 25292.2 V3013 T
- [ ] No maint/monit/calib records available 2712(b), 2641i V3001 T

MONITORING REQUIREMENTS (SINGLE WALL)

- [ ] Leak Detection Method does not meet performance standards 2643 V3014 T
- [ ] Annual Integrity test not conducted 25292 V3015 T
- [ ] Copy of tank test not submitted to HMMD within 30 days 2643 V3016 T
- [ ] Manual tank gauging (<2000 gal) 2645 not done properly V3017 T
- [ ] Reconciliation not done properly 2646 V3018 T
- [ ] Reconciliation not approved for facility 2646 V3019 T
- [ ] Dispenser meter(s) not calib annually 2646 V3020 T
- [ ] Improper liquid measurements 2646 V3021 T
- [ ] Stick in poor condition 2646 V3022 T
- [ ] Improper monthly reconciliation 2646 V3023 T
- [ ] Failed to report excessive variation 2646 V3024 T
- [ ] Pressurized Product Piping Leak Device not tested annually 25292 V3025 T

MONITORING REQUIREMENTS (DOUBLE WALL)

- [ ] Monitoring system not functional 2632 V3026 T
- [ ] No written monitoring procedure 2632 V3027 T
- [ ] Written response plan not available 2632 V3028 T
- [ ] Spill/Overfill equip. not maintained or installed 2635 V3029 T

RELEASE REPORTING

- [ ] Failure to report an unauthorized release 25295 V3009 T
- [ ] Release record log not available 2651, 2650 V3030 T
- [ ] No leak report/investigation/action 2652 V3031 T

CLOSURE

- [ ] Temporary closure req. not completed 2671 V3006 T
- [ ] Abandoned tank not properly closed 25298 V3032 T
- [ ] Permanent closure req. not completed 2672 V3033 T

III HAZARDOUS MATERIALS BUSINESS PLAN REQUIREMENTS:

RECORD KEEPING

- [ ] Health Permit not obtained SDCC 68.1105 V2001 W
- [ ] Business Plan not established/implemented 25503.5 V2002 W
- [ ] Business Plan not submitted to HMMD 25505 V2007 W
- [ ] Business Plan not amended 25505 V2003 W
- [ ] Personnel Training Records not available 2732 V2302 W

RELEASE REPORTING

- [ ] Failure to report a release/threatened release 25507 V2008 W

BUSINESS PLAN ELEMENTS

- [ ] Emergency Response Plan inadequate 25504 V2201 W
- [ ] Emergency Contacts not provided/current 25509 V2203 W
- [ ] Personnel Training Program inadequate 25504 V2301 W
- [ ] Inventory is incomplete 25504 V2005 W
- [ ] Site Map is not sufficient 25509 V2202 W
- [ ] Acutely Haz. Mat. not registered 25533 V2009 W

An inspection summary report will be mailed shortly. All violations must be corrected. Please call (619) 338-2222 if you have any questions.

Charles R Smith — ESTABLISHMENT REPRESENTATIVE

WAREHOUSE MANAGER — TITLE

Department of Environmental Health, Hazardous Materials Management Division, P. O. Box 85261, San Diego, CA 92186-5261

DISTRIBUTION: WHITE-RETURN TO HMMD
YELLOW-BUSINESS RETAINS

DEH:HM-923 (Rev. 1/95) NCR

Hazardous Materials

APCD 12/1/95

SAN DIEGO REGIONAL

H35978 (K20)

HAZARDOUS MATERIALS QUESTIONNAIRE

Management Division

RECEIVED
SEP 5 10 51 AM '96
ENVIRONMENTAL HEALTH SERVICES

Business Name	Contact Person	Telephone
KEYSTONE AUTOMOTIVE	VIRGIL BENTON	258-7530

Mailing Address	City	State	Zip	Plan File#
11 30TH STREET	SAN DIEGO	CA	92102	

Site Address	City	State	Zip	Plan File#
1670 BROADWAY AVE SUITE D	CHULA VISTA	CA	91911	

PART I: FIRE DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: OCCUPANCY CLASSIFICATION

Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

1. Explosive or Blasting Agents
2. Compressed Gases
3. Flammable or Combustible Liquids
4. Flammable Solids
5. Organic Peroxides
6. Oxidizers
7. Pyrophorics
8. Unstable Reactives
9. Water Reactives
10. Cryogenics
11. Highly Toxic or Toxic Materials
12. Radioactives
13. Corrosives
14. Other Health Hazards

PART II: COUNTY OF SAN DIEGO HEALTH DEPARTMENT - HAZARDOUS MATERIALS MANAGEMENT DIVISION: CONTINGENCY PLAN REVIEW:

If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Management Division, 1255 Imperial Avenue, 3rd Floor, San Diego, CA 92186-5261. Telephone (619) 338-2222 prior to the issuance of a building permit.

FEES MAY BE REQUIRED $120.00

Yes	No	
☒	☐	Is your business listed on the reverse side of this form?
☐	☒	Will your business dispose of Hazardous Substances or Medical Waste in any amount?
☒	☐	Will your business store or handle Hazardous Substances in quantities equal to or greater than 55 gallons, 500 pounds, 200 cubic feet or carcinogens/reproductive toxins in any quantity?
☐	☒	Will your business use an existing or install an underground storage tank?
☐	☒	Will your business store or handle Acutely Hazardous Materials?

OFFICE USE ONLY

☐ RMPP Exempt

Date / Initials ☐ RMPP Required

Date / Initials ☐ RMPP Completed

Date / Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT

If the answer to any of the questions is yes, applicant must contact the Air Pollution Control District, 9150 Chesapeake Drive, San Diego, CA 92123. Telephone (619) 694-3307 prior to the issuance of a building permit.

YES	NO	
☐	☒	Will the intended occupant install or use any of the equipment listed on the Listing of Air Pollution Control District Permit Categories, on the reverse side of this form?
☐	☐	(ANSWER ONLY IF QUESTION 1 IS YES.) Will the subject facility be located within 1,000 feet of the outer boundary of a school (K through 12) as listed in the current Directory of School and Community College Districts, published by the San Diego County Office of Education and the current California Private School Directory, compiled in accordance with provisions of Education Code Section 331907

46666 $120.00

Briefly describe nature of the intended business activity:

AUTOMOTIVE PARTS / PAINT SUPPLIES

Name of Owner or Authorized Agent:

THOMAS F. KAISER (CONTRACTOR)

Signature of Owner or Authorized Agent: I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Thomas F. Kaiser

Do not write below this line

Date: 10/19/95

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION:

By: Date:

EXEMPT FROM PERMIT REQUIREMENTS		APPROVED FOR BUILDING PERMIT BUT NOT OCCUPANCY		APPROVED FOR OCCUPANCY	
COUNTY-HMMD	APCD	COUNTY-HMMD	APCD	COUNTY-HMMD	APCD
	POLLUTION CONTROL DISTRICT REVIEWED INITIALS J.C. DATE 11/28/95 COUNTY OF SAN DIEGO (3)(11)	11-28-95		9-3-96	

APP/BP/Fee Required for #11

Environmental Health Services
HM-9171 (6/92)

County of San Diego
Department of Health Services

COUNTY OF SAN DIEGO
Department of Environmental Health

COMPLAINT FORM

COMPLAINT No:	1999-04830		
PREV COMP:		OLD COMP No:	9910032
DATE / TIME RECEIVED:	10/14/1999		1:24 PM
REC BY:	CSECOREH		
REVIEWED BY:		APPROVED: ☐	INFO ONLY: ☐

REPORTING PARTY

NAME: ANON AGENCY: CITIZEN

ADDRESS: ZIP: 0 PHONE:

COMPLAINT INFORMATION

ESTAB#: H35978 INCIDENT DATE: INCIDENT TIME:

BUSINESS NAME: KEYSTONE AUTOMOTIVE CENSUS TRACT: APN:

ADDRESS: 1670 BRANDYWINE AV STE: X-STREET:

Chula Vista ZIP: 91911 THOM BROS PAGE: 1330 COORD: H3

MISC INFORMATION:

SUBSTANCE:

NATURE OF COMPLAINT: ALLEGES BUSINESS IS NOT KEEPING LIDS ON HAZ MATS/THINNERS/ETC.., CONTAINERS ARE KEPT OPEN ALL DAY, UNTIL THE END OF THE WORK DAY. ALSO PAINT CHIPS ARE NOT SWEPT, THEY ARE HOSED DOWN WITH WATER. IN ADDITION BUSINESS OCCASSIONALLY PAINTS (PRIMER) CARS OUTSIDE OF BUILDING PAINT BOOTH.

DEH RESPONSE INFORMATION

DIVISION: ICP APPROVED BY: APPROVED DATE: ASSIGNED TO: JRIOSSEH

PRIORITY	TYPE	BUSINESS	ACTIVITY	INVESTIGATED BY	DATE INVESTIGATED	JUSTIFIED	CUST SERV SENT	RESOLVED
☐	H21	B		JRIOSSEH	10/25/1999	☐	☐	☑

REFER ONLY? ☑ CONTACT: AGENCY: APCD PHONE:

ACTION TAKEN: COMPLAINT FORWARDED TO APD ON 10/25/99. RECEIVED CALL FROM APCD ON 10/26/99 TO INFORM ME THAT COMPLAINT HAD BEEN INVESTIGATED.

FOLLOW-UP:

RÉSUMÉS

ALLISON O'NEAL

Education

BS – Geology, Humboldt State University, Arcata, 2018

Specialty Certifications

40-Hour OSHA EPA-Approved Hazardous Waste Operations & Emergency Response (HAZWOPER) Training

Professional Affiliation

San Diego Association of Geologists – Member

Professional Experience

Ms. O'Neal is an environmental professional with specialized experience in site assessment, subsurface investigation, and due diligence reporting. She is responsible for performing site reconnaissance, reviewing regulatory agency records and historical documents, interpreting evidence related to historical land use, monitoring soil management, collecting data (soil, groundwater, soil vapor sampling, etc.), and generating maps for soil boring/well logs, groundwater gradients, and hydrocarbon iso-concentrations. She also oversees drilling and groundwater monitoring well installations, writes reports for Phase I and II Environmental Site Assessments (ESAs), and ensures that groundwater monitoring reports meet regulatory agency standards.

Her project experience is summarized below.

Mission Village Shopping Center, Former Dry Cleaning Facility, San Diego, CA. Ms. O'Neal conducted soil and groundwater assessments to determine the attenuation of a plume of constituents of concern while meeting requirements of the Department of Environmental Health. She oversaw six well installations that included properly documenting well log data. She also assisted with the technical writing of the Subsurface Assessment Report, and created groundwater gradient and constituents of concern iso-concentration maps.

Villa de Vida Project, Special Needs Residential Community, Phase I and II ESA, San Diego, CA. Ms. O'Neal performed a Phase I ESA on the property and analyzed the status of potential Recognized Environmental Concerns (RECs), such as a release from on-site underground storage tanks (USTs) (the tanks were used when the site was a Public Works Road Station). The Phase I ESA recommended a subsurface site assessment because of the close proximity to the former USTs. During the Phase II investigation, soil samples detected elevated concentrations of petroleum hydrocarbons. Ms. O'Neal oversaw excavation of the contaminated soil and collected soil confirmation samples at the edges of the excavation.

Former Country Hills Dry Cleaners, In Situ Chemical Reduction Feasibility Study, Diamond Bar, CA. Ms. O'Neal oversaw drilling and direct push injection of the appropriate amendments to remediate constituents of concern associated with a former dry cleaner at the site. She created

boring logs, collected waste characterization samples, and helped manage site safety. In addition, she assisted in obtaining the regulatory permits required for the site from the City of Diamond Bar.

Community HousingWorks San Marcos, Affordable Housing Development, Phase I and II ESAs, San Marcos, CA. Ms. O'Neal performed a Phase I ESA on the property and analyzed the status of RECs, such as a release from a dry cleaning facility adjacent to the site. After completing the Phase I ESA, SCS recommended a subsurface assessment regarding a historically documented release of constituents of concern. During the Phase II investigation, Ms. O'Neal organized the utility mark-out, mapped boring locations, and oversaw the installation and retrieval of soil vapor samples that were collected. She wrote technical reports for both phases of the environmental investigation.

Clairemont Village Shopping Center, Phase I ESA, San Diego, CA. Ms. O'Neal completed a Phase I ESA investigation that included extensive historical research on several automotive repair facilities adjacent to the site, and historic releases from a former gas station and dry cleaning facility also on site. In addition, the client required asbestos, radon, lead-based paint, and mold inspections at the property, using their specific guidance. After completing the Phase I ESA, SCS recommended additional soil vapor sampling in the areas of the former dry cleaner and gas station.

LUKE MONTAGUE, PG



Luke Montague, PG

Education

MS – Environmental Science and Management, University of California, Santa Barbara, 2004
BS – Geology, University of California, Santa Barbara, 1998

Professional Licenses

Professional Geologist – California (No. 8071)
General Building Contractor, B Classification – California (No. 981618)

Specialty Certifications

Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) 40-Hour Training
Real Estate Entitlement, Development, and Design, University of San Diego, 2010
Real Estate Finance, Investments, and Development, University of San Diego, 2010

Professional Experience

Mr. Montague is a Professional Geologist (PG) and licensed contractor with a Masters in Environmental Science and Management, with 15 years of experience in environmental consulting, and 4 years of experience in general contracting and development for commercial and residential developments. He has performed and reviewed over 500 Phase I Environmental Site Assessments (ESAs), and has completed and overseen a large amount of Phase II subsurface investigations, Human Health Risk Assessments (HHRAs), Remedial Action Plans (RAPs), and site remediation activities. Luke also has two additional years of experience performing other consulting services including geotechnical investigations, asbestos and lead-based paint (LBP) surveys, and asbestos air monitoring. His development, general contracting, and property and asset management experience includes managing construction through lease-up; lease administration and property operations and maintenance; contract procurement and administration; oversight of subcontractors and staff; and interfacing with clients, owners, tenants, and regulatory agencies.

Mr. Montague's project experience is summarized below.

Manchester Financial Group, Redevelopment of Eight City Blocks for the Manchester Pacific Gateway Project, San Diego, CA. As Project Manager, he oversaw assessment and construction remedial planning involving soil excavation and export of up to 800,000 cubic yards of soil on land owned by the Department of the Navy. Soil export is to accommodate the construction of two levels of subterranean parking across eight city blocks located adjacent to San Diego Bay, which are currently being redeveloped into office, hotel, retail, park, and other uses. Remedial construction activities are anticipated to be completed by mid-2019.

Rincon Band of Luiseno Indians, Due Diligence Services for Tribal Properties, Valley Center, CA. Mr. Montague has served as a Project Manager on Phase I and II ESAs supporting the due diligence process of various properties for the Tribe. He also served as an expert witness in tribal court

regarding the Tribe's oversight of a property within the Reservation, in support of protecting Tribal resources that included soil and groundwater.

Frontera Real Estate, Redevelopment of Former County Road Station with Self-Storage Facility, Spring Valley, CA. Mr. Montague served as Project Manager overseeing the assessment, remedial planning, and remediation consisting of oversight, segregation, and on-site burial of residual petroleum hydrocarbon (PHC)-impacted soils from a former unauthorized release of gasoline from underground storage tanks (USTs) previously operated by a County Road Station.

Brixton Capital, Gasoline Service Station Redevelopment with Retail Buildings, Chula Vista, CA. As Project Manager, Mr. Montague oversaw the assessment, remedial planning, and remediation consisting of oversight, segregation, and on-site burial of residual PHC-impacted soils from a former gasoline service station release property redeveloped with new retail buildings.

RD Brown Company, Leaking Underground Storage Tank (LUST) Case Assessment and Remediation, City of Imperial, CA. As Project Manager, Mr. Montague oversaw several on- and off-site soil, soil vapor, and groundwater assessments, and is currently overseeing ongoing remediation and monitoring of a proposed senior living facility at a former gasoline service station.

San Diego County Water Authority (SDCWA), Environmental Consulting Services, San Diego, CA. As Project Manager, Mr. Montague completed several ESAs and subsurface assessments to assist the SDCWA in obtaining easements required to complete the Carlsbad Desalination Project.

City of Encinitas, Site Investigation and Planning, Encinitas Community Park, Encinitas, CA. As Project Geologist, Mr. Montague provided oversight for mitigation and monitoring activities involving pesticides in soil from the Hall Property, which consists of 43 acres of coastal bluff that was formerly used as a nursery and was redeveloped into a community park. Under the oversight of the County of San Diego Department of Environmental Health (DEH), work consisted of Phase II ESAs, remedial planning and implementation of on-site reuse/burial of 45,000 cubic yards of pesticide-impacted soil in a Soil Management Zone, and creation of a land-use covenant. SCS received an award for this project with the Industrial Environmental Association (IEA).

Los Angeles Unified School District (LAUSD), Assessment and Remediation, Various Locations in Los Angeles County, CA. Mr. Montague managed and performed the environmental characterization and cleanup of various proposed school redevelopment projects overseen by the California Department of Toxic Substances Control (DTSC) that required Phase I ESAs, preliminary environmental assessments or subsurface investigations, and preparation and implementation of removal action work plans to obtain "no further action" status prior to redevelopment.

City Heights Revitalization Corporation, Brownfields Assessment and Remediation, City Heights, CA. Mr. Montague managed a subsurface investigation for an entire Brownfields city block planned for redevelopment. The investigation included extensive drilling, trenching, and hand auguring to estimate the volume of lead- and hydrocarbon-impacted soil from residual contamination from a former service station and from lead-based paint. Work also included negotiation of cleanup levels with the local regulatory agency.

Casmalia Steering Committee, Remedial Investigation, Casmalia, CA. Mr. Montague managed and performed soil vapor sampling at the Casmalia Hazardous Waste Management Facility, a Class I hazardous waste site, for a remedial investigation and feasibility study of soil gas impacts submitted to the U.S. Environmental Protection Agency (U.S. EPA). Soil gas impacts to ecological receptors were assessed, considering specific regulatory guidance, including the joint DTSC and Los Angeles Regional Water Quality Control Board (LARWQCB) Advisory on Active Soil Gas Investigations.

The Boeing Company, UST Assessment, Long Beach, CA. Mr. Montague performed subsurface vapor intrusion to indoor air analysis at a former aeronautics manufacturing facility. Soil, soil vapor, and sub-slab soil vapor extraction (SVE) assessments were conducted to determine appropriate corrective actions associated with former solvent USTs. Work was performed under the corrective action consent agreement with the DTSC.

Trihydro Corporation, Soil Vapor Sampling, Hooven, OH. Mr. Montague performed SVE sampling from indoor air probes and outdoor multi-level probes at residences in Hooven, OH. This project focused on helping to evaluate the potential for subsurface vapor intrusion to indoor air from volatilization of PHCs in groundwater, or light, non-aqueous phase liquid petroleum product originating from an adjacent former fuel and asphalt petroleum refinery. The vapor intrusion pathway was evaluated based on a request by the U.S. EPA, Region V, and was performed in accordance with the EPA-issued document, Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soil, 2002.

CSK Auto, Phase I ESAs, Various Sites in the Western U.S. Mr. Montague conducted Phase I ESAs, subsurface investigations, and geotechnical investigations for the development of auto parts chain stores in the western U.S. Work included site investigations, drilling operations, and records research.

AT&T/Gianni & Associates, Phase I ESAs and Geotechnical Investigations, San Diego, CA. Mr. Montague completed Phase I ESAs, transaction screen assessments, National Environmental Policy Act (NEPA) reports, asbestos surveys, and geotechnical investigations involving the development of wireless communications sites.

Ford Mance Company, Construction and Property Management, Mixed-Use Building at 111 Chesterfield Drive, Encinitas, CA. Mr. Montague served as Project Manager during the development and construction phases of a 2-story, Type V, 3,874-square-foot mixed-use building with subterranean parking. Responsibilities included managing all phases of construction and shell and tenant improvements, and assisting in construction supervision activities and lease-up. Development activities included oversight and collaboration of architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decisions, obtaining various permits, and preparing cost and budgets. After construction, Mr. Montague also served as the Property and Asset Manager.

Ford Mance Company, Construction and Property Management, Del Norte Medical Plaza, Carlsbad, CA. Mr. Montague served as Project Manager during the development and construction of a 2-story, Type II, medical building with subterranean parking. Responsibilities included contracting out all phases of shell construction of 22,000 square feet of rentable area for medical use, collaborative oversight concerning architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decision-making, obtaining various permits, and preparing costs and budgets. After construction, he also served as Property and Asset Manager.

California Department of Fish and Game, Carpinteria Creek Watershed Plan, Carpinteria, CA. Mr. Montague collaborated with local and state government representatives, and various stakeholders, to aid in preparing the Carpinteria Creek Watershed Plan under the Cachuma Resource Conservation District for the California Department of Fish and Game (CDFG). Work consisted of research, meetings, various field assessments, report writing, and map creation. The Plan served as an amendment to the Water Quality Control Plan for the Central Coast Region.

Affordable Housing

San Diego Housing Commission, Phase I and II ESAs, San Diego, CA. As Project Manager, Mr. Montague oversaw the assessment of several sites that were redeveloped for affordable housing purposes.

Community HousingWorks, Phase I and II ESAs and Soil Mitigation, San Diego, CA. Mr. Montague was the Project Manager for several affordable housing developments, including working on San Diego's first LGBT senior housing project, where lead-bearing soil was safely buried or reused under building improvements during grading activities.

Mercy Housing Corporation, Phase I and II ESAs and Soil Mitigation, San Diego, CA. Mr. Montague managed the environmental assessment and cleanup portion of the redevelopment of a creek-front Poway site with a former LUST case into Villa de Vida, a home for adults with developmental disabilities. SCS investigated, identified, and remediated left-in-place impacted soil from several former LUSTs, as well as from lead-bearing soil.

BRIDGE Housing, Phase I and II Site Assessments, Southern California. Mr. Montague has managed several affordable housing projects that have included subsurface assessment and soil characterization, with soil mitigation planning and implementation to be completed at a later date.