

Appendix D

SCA Environmental, Inc.

**Phase I Environmental Site Assessment, 1650-1676 7th Street and 711-715 Campbell Street, Oakland,
California 94607, January 2019**



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
1650-1676 7th STREET AND 711-715 CAMPBELL
STREET, OAKLAND, CA 94607
APNs 006-0017-017, 018, 019, 020, 021, and 022.**



Prepared For:

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Certifications

This Phase I Environmental Site Assessment is subject to limitations as described in Section 10.0. We declare that, to the best of our professional knowledge and believe, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Target Property. We have developed and performed all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

All work performed for this Phase I was performed under the direct supervision of the professionals listed below.



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TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY	1
1.1 SITE SUMMARY	1
1.2 FINDINGS	2
2.0 INTRODUCTION.....	3
2.1 PURPOSE	3
2.2 SCOPE OF SERVICES.....	3
2.3 ASSUMPTIONS	3
2.4 LIMITATIONS & EXCEPTIONS.....	3
2.5 SPECIAL TERMS AND CONDITIONS.....	4
2.6 USER RELIANCE	4
3.0 TARGET PROPERTY DESCRIPTION.....	5
3.1 TARGET PROPERTY DESCRIPTION	5
3.2 SITE FEATURES	5
3.3 SITE SETTING	5
3.4 ADJACENT PROPERTY USES	7
4.0 USER PROVIDED INFORMATION.....	8
4.1 LIENS OR USE LIMITATIONS	8
4.2 SPECIALIZED KNOWLEDGE	8
4.3 VALUATION REDUCTION	8
4.4 INFORMATION PROVIDED BY <i>KEY SITE MANAGER</i>	8
4.5 REASON FOR PERFORMING PHASE I.....	8
4.6 OTHER.....	8
5.0 RECORDS REVIEW	9
5.1 RECORDS SOURCES.....	9
5.2 ADDITIONAL RECORDS SOURCES.....	13
5.3 PHYSICAL SETTING SOURCES	13
5.4 HISTORICAL DATA	13
5.5 HISTORICAL USE INFORMATION.....	16
6.0 SITE RECONNAISSANCE.....	17
6.1 LIMITATIONS/METHODS.....	17
6.2 SITE SETTING.....	17
6.3 OBSERVATIONS	17
7.0 INTERVIEWS.....	22
7.1 <i>KEY SITE MANAGER</i> INTERVIEW	22
7.2 REGULATORY INTERVIEWS.....	22
7.3 INTERVIEWS WITH OTHERS.....	23
8.0 FINDINGS.....	24

8.1	ASTM FINDINGS	24
8.2	OTHER FINDINGS	24
9.0	CONCLUSIONS	26
10.0	LIMITATIONS.....	27

FIGURES

Figure 1	Vicinity Map
Figure 2	Site Diagram

APPENDICES

Appendix A	Site Photographs
Appendix B	Miscellaneous Correspondence and Interviews
Appendix C	Environmental Lien Search Report
Appendix D	EDR Database Report
Appendix E	Aerial Photographs
Appendix F	Topographic Maps
Appendix G	City Directory
Appendix H	Sanborn Maps

1.0 EXECUTIVE SUMMARY

1.1 SITE SUMMARY

SCA Environmental, Inc. (SCA) conducted a *Phase I Environmental Site Assessment* for the addresses of 1650-1676 7th Street and 711-715 Campbell Street, Oakland, CA 94607 with the following Assessor's Parcel Numbers (APNs), (hereafter referred to as the "Target Property", **Figure 1**):

- APN 006-0017-017
- APN 006-0017-018
- APN 006-0017-019
- APN 006-0017-020
- APN 006-0017-021
- APN 006-0017-022

Figure 1: Target Property



Source: Google Maps

The *assessment* was performed in accordance with the scope and limitations of American Society of Testing and Materials (ASTM) Practice E1527-13. Any limitations to, or deletions from, this practice are described in Section 2.4. ASTM-defined terms are italicized in this report.

The Target Property is currently being operated by Oakland and the World as the West Oakland Farms, an organic urban farm. Three portable buildings exist in the center of the site, where a large warehouse building used to be present (shown in above figure). Various landscape improvements associated with urban food production (e.g., raised beds, compost piles, and storage portables) exist throughout the site. This report pertains only to the area outlined in red above (**Figure 1**) and depicted in **Figure 2** (attached).

The earliest data that SCA has obtained for the Target Property is an 1889 Sanborn Map showing the Target Property as being occupied by approximately 7 residential and commercial buildings with stables. One building was labeled “Coal” and located on the west portion of the property in 1912. The Target Property continued to become more densely developed with a variety of commercial and residential properties through the 1970s. Beginning in the late 1970s, buildings were gradually demolished and the site cleared. By the early 2000s, only one large building was remained on the Target Property. This warehouse structure was removed circa 2012-2014. Oakland and the World has been using the Target Property as the West Oakland Farms since 2014, at which time three portable buildings were moved to the site. The Target Property is owned by the City of Oakland.

1.2 FINDINGS

SCA has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 for the Target Property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. The assessment revealed evidence of *recognized environmental conditions (RECs)* in connection with the property. These are summarized below:

1. The presence of various sites in the immediate vicinity of the Target Property with documented subsurface conditions. These include 1675 7th Street, which is located immediately across the street from the Target Property and 800 Center Street. Both of these sites currently have active cases with the water board. These sites are summarized in Section 5.1.3.
2. There is a structure at the Target Property in the 1912 Sanborn Map which is labeled as “Coal.” This could indicate coal being burned on site, which could contribute to subsurface contamination at the site.
3. Various site within 0.3 miles of the site are listed as being historical automotive service stations or historical cleaners. Although no contamination is confirmed at these sites, there is a possibility of contamination. These sites are summarized in Section 5.1.3.

The following items were also noted. While not *RECs* as defined by ASTM methodology, these may be of some significance in future redevelopment activities at the Target Property:

1. Potential for asbestos-containing building materials in portable buildings or in shallow site soils from demolition of former structures .
2. Potential for naturally-occurring asbestos in site soils.
3. Potential for lead-containing coatings and building materials on portables or for lead in shallow soils from previous buildings present on the Target Property.
4. Presence of mercury lamps in the portables.

2.0 INTRODUCTION

2.1 PURPOSE

This *Phase I Environmental Site Assessment (Phase I ESA)* was performed by SCA under contract to McCormack Baron Salazar (MBS). The purpose of the Phase I ESA is to identify recognized environmental concerns associated with the past and/or present use, generation, storage, or disposal of hazardous materials and/or wastes at the Target Property, and at nearby properties judged to have a potential to affect the Target Property.

The *Phase I* was performed in accordance with the ASTM standard E1527-13 which defines good commercial and customary practice in the United States for conducting a *Phase I* of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum hydrocarbons. As such, ASTM E 1527-13 is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability: that is, the practices that constitute “*all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice*” as defined in 42 USC [section] 9610(35)(B).

2.2 SCOPE OF SERVICES

The *Phase I ESA* was performed in accordance with the ASTM standard E1527-13. SCA's work included the review of reasonably ascertainable standard historical sources and a site reconnaissance.

2.3 ASSUMPTIONS

In preparing this report, SCA has assumed that all information received from interviewed parties is true and accurate. In addition, SCA has assumed that all records obtained from Others, such as previous environmental reports, regulatory databases, maps, aerial photos, etc. are accurate and complete. SCA has not independently verified the accuracy or completeness of any data received.

2.4 LIMITATIONS & EXCEPTIONS

Information regarding the Target Property and nearby properties was gathered from a site visit, historical background data, and environmental database files. SCA provided Ms. Lauren Levrant of MBS with an AAI Questionnaire to be completed for the site. The *Key Site Manager* questionnaire was completed by Gayle Dickinson of Oakland and the Word on January 4, 2019. Information obtained from these parties is incorporated by reference.

Note that ASTM E1527-13 requires that the property's use be identified at intervals of five years or less, beginning from the first developed use, or 1940, whichever is earlier. Intervals of less than five years were not available for the Target Property. SCA was unable to locate information regarding the property during the following intervals: 1889-1895, 1902-1912, and 1975-1980. Given the Target Property's history and SCA's review of available data, the absence of documentation during these time periods is not considered a significant data gap.

Note that ASTM E1527-13 requires the review of record information that is

reasonably ascertainable from those *standard sources*. Record information that is *reasonably ascertainable* means (1) information that is *publicly available*, (2) information that is obtainable from its source within reasonable time and cost constraints (20 calendar days from receipt of request), and (3) information that is *practically reviewable*. As of the date of this report, SCA has not received a response to our written public records request for information from the Oakland Fire Department.

2.5 SPECIAL
TERMS AND
CONDITIONS

The methodology used was that detailed in the ASTM document E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Site-specific details of this methodology (for example, specific records sources used) are explained in the pertinent sections of this report.

2.6 USER
RELIANCE

SCA prepared this *Phase I* specifically for MBS. No other entity may use or rely on this report without written approval signed by a Principal of SCA Environmental, Inc.

3.0 TARGET PROPERTY DESCRIPTION

3.1 TARGET PROPERTY DESCRIPTION

The Target Property is located in the City of Oakland, California. The following table presents the addresses and legal description of the Target Property, as well as its use. This information was obtained from the site reconnaissance, record reviews, and interviews.

Assessor's Parcel No. (APNs) & Addresses	1650-1676 7 th Street and 711-715 Campbell Street, Oakland, CA 94607 APN Numbers: <ul style="list-style-type: none"> • APN 006-0017-017 • APN 006-0017-018 • APN 006-0017-019 • APN 006-0017-020 • APN 006-0017-021 • APN 006-0017-022
Location	Oakland, Alameda County, San Francisco, CA
Topographic Map	Oakland West, 2012, 7.5 minute
Gross Area	Approximately 0.73 acres
Uses	Currently being operated by Oakland and the World as the West Oakland Farms for urban food production

3.2 SITE FEATURES

Information regarding the Target Property's current features and utilities obtained from the site reconnaissance, records review, and interviews is included in the following table. A site diagram is included in **Figure 2**.

Building Descriptions, Site Features, Roads, etc.	The site currently has three portable structures on a concrete present on the site. Oakland and the World is operating the site as the West Oakland Farms, an organic urban farm. Planter beds and compost piles from discarded vegetables exist throughout the site. Two parked vehicles are present on the Target Property. There are no other site improvements.
Source of Potable Water	Municipal in portables
Sewage Disposal System	Municipal in portables
Solid Waste Disposal	Municipal, waste picked up from portables
Other Improvements and Features	A chain link fence is present around the entire site.

3.3 SITE SETTING

The area surrounding the Target Property consists of mixed commercial and residential properties. Seventh Street borders the Target Property to the south and Campbell Street borders to the east. Commercial Properties are adjacent to the Target Property to the west and residential properties are adjacent to the north.

3.3.1
*Geology and
Topography*

The Target Property is located in Oakland, Alameda County with an elevation of approximately 15 feet above mean sea level. The overall region in which the Target Property is located is relatively flat with a gentle slope towards the Bay to the south to southwest.

According to the Oakland West, CA 2012 Geographic Map, the Target Property has a soil component of Urban Land. The soil surface texture is sandy to sandy-clay. The soil is in the Class D hydrologic group, meaning that it has very slow infiltration rates. Class D soils are generally clayey, have a high water table, or are very shallow to an impervious layer.

Although the Target Property is not located in an area on the USGS's Geographic Ultramafic Rock Unit which may contain naturally-occurring asbestos (NOA), it is not uncommon for properties in this area to have naturally-occurring asbestos-containing soils resulting from placement of surcharged soils or fill during construction. If asbestos is identified at concentrations exceeding 0.25%, the Target Property will be subject to the requirements of the California Air Resources Board (CARB's) 2002-07-29 Asbestos ATCM for Construction, Grading, Quarrying, and Surface Mining Operation requirements, as well as CalOSHA regulations for asbestos.

(See "Asbestos in Soils" in Section 8.0)

3.3.2
Hydrology

The nearest surface water bodies is the Oakland Inner Harbor, approximately 0.9 miles to the south of the Target Property. No standing water bodies or flowing surface water was present on the Target Property at the time of SCA's site reconnaissance.

Based on our review of the EDR reports, groundwater flow at surrounding sites have been between approximately 6-8 feet bgs with flow direction towards the southwest with a general gradient of 0.008 feet/feet.

The direction of groundwater flow at the Target Property is estimated to be towards the southwest, following the surface gradient in a general way and in accordance with the surrounding sites. It is typical for local groundwater gradients and directions to vary substantially, due to subsurface soil and rock density, and due to offsite dewatering activities, agricultural / tidal fluctuations, aquifer recharge, etc.

3.3.3 *Historical
Subsurface Reports
from Others*

SCA was not provided with any historical subsurface reports for this property.

3.4 ADJACENT
PROPERTY
USES

Adjoining Direction	Name	Use
North	1671 8 th Street, Oakland, CA 723 Campbell Street, Oakland, CA	Commercial and Single Family Residential
West	1682 7 th Street, Oakland, CA	Commercial and Multi Family Residential
East (across Campbell)	710 Campbell Street, Oakland, CA	Multi Family Residential
South (across 7 th Street)	1675 7 th Street, Oakland, CA	United States Postal Service Facility

4.0 USER PROVIDED INFORMATION

- | | |
|---|---|
| 4.1 <u>LIENS OR USE LIMITATIONS</u> | SCA did not discover evidence of any existing Environmental Liens or Activity and Land Use Limitations based on the EDR Lien Search Report (Appendix C). |
| 4.2 <u>SPECIALIZED KNOWLEDGE</u> | The Client did not report any specialized knowledge or experience pertaining to environmental issues at the Target Property. This questionnaire is included in Appendix B for reference. |
| 4.3 <u>VALUATION REDUCTION</u> | An AAI questionnaire was provided to Ms. Lauren Levrant of MBS and returned to SCA on January 8, 2019. This User Questionnaire (Appendix B) did not identify any instance where the Target Property's commercial real estate value was decreased resulting in a purchase price significantly less than that of comparable properties. |
| 4.4 <u>INFORMATION PROVIDED BY KEY SITE MANAGER</u> | The <i>Key Site Manager</i> questionnaire was completed by Gayle Dickinson of Oakland and the World on January 4, 2019. She was a representative of the owner. Information obtained from these parties is incorporated by reference. |
| 4.5 <u>REASON FOR PERFORMING PHASE I</u> | The Phase I ESA is being performed as part of due diligence investigations prior to redevelopment of the property by MBS. |
| 4.6 <u>OTHER</u> | No other information has been provided to SCA at this time, other than that detailed in this report. |

5.0 RECORDS REVIEW

5.1 RECORDS SOURCES

The Federal, State and local databases searched are listed in Section 5.1.1.

5.1.3 Findings from Regulatory Databases

The following table summarizes findings from the EDR report:

Database	Radius of Search in Miles	Site on list?	Number of Off-Site Facilities on List	Number of Off-Site facilities Which Are at a equal or higher elevation
USEPA NPL	1.000	No	1	1
USEPA PROPOSED NPL	1.000	No	0	0
USEPA DELISTED NPL	1.000	No	0	0
USEPA NPL LIENS	TP	No	0	0
USEPA SEMS	0.500	No	2	1
SEMS ARCHIVE	0.500	No	5	0
USEPA CORRACTS	1.000	No	1	1
USEPA RCRA TSDF	0.625	No	0	0
USEPA RCRA-LOG	0.250	No	0	0
USEPA RCRA-SQG	0.250	No	0	0
USEPA RCRA-CESQG	0.250	No	0	0
USEPA RCRA-NonGen	0.250	No	1	0
USEPA ERNS	0.125	No	0	0
USEPA HMIRS	0.125	No	0	0
USEPA US ENG CONTROLS	0.500	No	0	0
USEPA INST CONTROL	0.500	No	0	0
USACE FUDS	1.000	No	1	0
US BROWNFIELDS	0.500	No	5	1
USEPA CONSENT	1.000	No	0	0
USEPA ROD	1.000	No	0	0
DOE UMTRA	0.500	No	0	0
DOT OPS	0.125	No	0	0
USEPA TRIS	0.125	No	0	0
USEPA TSCA	0.125	No	0	0
USEPA FINDS	TP	No	NR	NR
USEPA RAATS	0.125	No	0	0
STATE HIST CAL-SITES	1.000	No	11	1
STATE BEP	1.000	No	0	0
STATE SCH	0.250	No	0	0
STATE TOXIC PITS	1.000	No	2	0
STATE SWF/LF	0.500	No	2	0
STATE WMUDS/SWAT	0.500	No	0	0
STATE CORTESE	0.500	No	3	1
STATE CERZ HAZ WASTE	0.250	No	2	0
STATE HIST CORTESE	0.500	No	29	6
STATE SWRCY	0.500	No	0	0
STATE LUST	0.500	No	27	7
STATE FID UST	0.250	No	2	0
STATE SLIC	0.500	No	0	0
STATE UST	0.250	No	1	0
STATE HIST UST	0.250	No	4	1
STATE AST	0.250	No	1	0
STATE SWEEPS UST	0.250	No	3	0
STATE CHMIRS	0.125	No	0	0
STATE NOTIFY 65	1.000	No	7	2

STATE DEED	0.500	No	4	0
STATE VCP	0.500	No	20	1
STATE DRYCLEANERS	0.250	No	0	0
STATE HAZNET	TP	No	NR	NR
STATE EMI	0.125	No	0	0
STATE RESPONSE	1.000	No	14	1
STATE ENVIROSTOR	1.000	No	65	11
STATE INDIAN VCP	0.500	No	0	0
STATE INDIAN UST	0.250	No	0	0
STATE INDIAN LUST	0.500	No	0	0
CERS TANKS	0.250	No	2	0
US CDL	0.125	No	0	0
EDR US Hist Auto	0.125	No	5	0
EDR Hist Cleaner	0.125	No	11	3
CPS-SLIC	0.500	No	16	5
DOD	0.125	No	1	1
HWP	1.000	No	1	1
NPDES	0.125	No	0	0
PROC	0.500	No	1	0
PEST LIC	0.125	No	0	0
ECHO	0.125	No	0	0
RGA LUST	TP	No	NR	NR
RGA LF	0.125	No	0	0
HAULERS	0.125	No	0	0
US MINES	0.250	No	0	0
CA BOND EXP PLAN	1.000	No	1	0
EDR MGP	1.000	No	0	0
Alameda County CS	0.500	No	32	10

TP-Target Property NR=not researched

The Target Property did not appear on any databases searched.

SCA researched sites within 0.3 mile of the Target Property with documented leaking USTs, releases, and documented subsurface contamination and that are at a equal or higher elevation that the Target Property or in close proximity to the Target Property. SCA's findings are summarized below:

Address	Type & contamination	Orientation & Distance to TP	Site Summary
1675 7 th Street, Oakland, CA 94607	Gasoline, Diesel, and Motor Oil in Soil and Groundwater	Southwest 0.024 Lower Elevation than TP	<p>Possible threat to target property due to proximity to the site. Multiple violations at the site as it is listed in 18 environmental databases. In 2009 an excavation was created for an elevator to a depth of 10 feet bgs. Sampling of soil confirmed TPHd at 12,000 mg/kg, TPHg at 400 mg/kg, and TPHmo at 430 mg/kg. 11 mg/kg of naphthalene and 3.4 mg/kg of arsenic were also encountered. Groundwater encountered but not sampled. The case is currently active. This contamination was found approximately 40 feet onto the site, directly across the street from the Target Property.</p> <p>In November 1991, multiple 5,000 gallon gasoline USTs, two 10,000 gallon diesel</p>

			USTs, and one 750 gallon waste oil USTs were removed. Elevated petroleum hydrocarbons were reported in soil and groundwater. Free product bailing and adsorbent sacks were deployed. All monitoring was completed in 2003. Water generally flowed to the southwest away from the Target Property. The Monitoring Well closest to the site is MW-1, which has generally show low levels of diesel contamination only. No threat to the Target Property is expected from this second case.
800 Center Street, Oakland, CA 94607	Gasoline, Diesel, Benzene in Soil and Groundwater	East 0.273 mile Higher Elevation than TP	Possible Threat to Target Property: Site was used as a service station between 1932-1973. Various tanks were removed from the site when closed in 1973. In 1996, monitoring wells were installed and elevated levels of gasoline were detected in the direction of the Target Property above applicable ESLs. These levels have been reduced over the years to below applicable ESLs from low flow air sparging. Flow direction has been measured towards the southwest, in the general direction of the Target Property. Site is currently being evaluate for closure.
500 Corner of 5 th and C, Oakland, CA 94607	Gasoline in soil	Southeast 0.100 mile Lower Elevation than TP	Minimal Threat to Target Property: Tank 512W was removed in 2000 and found to not have contaminated the soil and groundwater above any applicable ESLs. There were a total of 38 tanks at this site at one time. All but 5 of them had been removed by 2000. Groundwater flow direction at this site is expected to be towards the south.
1414 3rd Street, Oakland, CA 94607	Gasoline and Vinyl Chloride in Soil and Water	Southeast 0.299 Equal Elevation than TP	Minimal Threat to Target Property: Site is at a lower elevation than the Target Property and groundwater flow at this site is assumed to be towards the south, away from the site. A leaking underground storage tank was reported in 1995 and a non-compliance letter was issued in 2008 indicating that this site was never closed out correctly with the state LUST program. Site is also listed on the NPL database.
888 Cedar Street, Oakland, CA 94607	Gasoline in Soil and Water	West Northwest 0.230 mile Lower Elevation than TP	Minimal Threat to Target Property: Case opened in 2010 due a leaking underground storage tank. Site has been marked as non-compliant due to not uploading applicable data and documents to the LUST program. Site is located cross gradient and at a lower elevation than Target Property. Flow is estimated to the northwest away from the Target Property.
1766 7 th Street,	Diesel in Soil	West Northwest	Minimal Threat to Target Property: Case opened in 2004 due to a leaking

Oakland, CA 94607		0.146 mile Lower Elevation than TP	underground diesel storage tank. Contamination found in the soil below current ESLs. Monitoring wells were installed and no contamination was found in ground water above current ESLs.
1751 Goss Street, Oakland, CA 94607	Diesel in Soil	West Northwest 0.145 mile Lower Elevation than TP	Minimal Threat to Target Property: Case opened and closed in 1993. Diesel contamination in soil only.
1520 7th Street, Oakland, CA 94607	Gasoline in Soil and Groundwater	East Southeast 0.172 mile Higher Elevation than TP	Minimal Threat to Target Property: Case opened and closed in 1995. Gasoline was reported in soil and groundwater. Flow direction is assumed towards the southwest to southeast, away from Target Property.

Various other properties within a 0.3-mile radius of the Target Property are noted on databases including the RCRA-SQG, UST, CA FID UST, SWEEPS UST, HIST CORTESE, etc. These sites include sites with closed case files, sites where no violations were reported, and sites where no documented subsurface contamination was reported.

Five (5) sites appear on the EDR Hist Auto database, indicating previous use as an automobile station (gasoline station) within 1000 feet of the Target Property:

- 1671 7th Street, Oakland, CA
- 1599 7th Street, Oakland, CA
- 520 Pearl Street, Oakland, CA
- 1740 7th Street, Oakland, CA
- 1587 7th Street, Oakland, CA

All of these properties are at a lower elevation than the Target Property. None of these sites are listed as having subsurface contamination on other databases.

Eleven (11) sites appear on the EDR Hist Cleaner database. These include the following addresses within 1000 feet of Target Property:

- 1647 8th Street, Oakland, CA
- 1576 7th Street, Oakland, CA
- 1564 8th Street, Oakland, CA
- 1642 7th Street, Oakland, CA
- 1692 7th Street, Oakland, CA
- 1689 7th Street, Oakland, CA
- 1604 7th Street, Oakland, CA
- 1726 7th Street, Oakland, CA
- 1725 7th Street, Oakland, CA
- 1579 7th Street, Oakland, CA

- 1569 7th Street, Oakland, CA

Three (3) of these properties are at a higher or equal elevation to the Target Property. None of the above properties is included in the EDR report of Geotracker database as having any documented violations or subsurface contamination.

Although no violations, leaks, or subsurface contamination have been documented with the historical auto and cleaner database properties, the number and proximity of these properties to the Target Property is of possible environmental concern with respect to possible subsurface contamination at the Target Property. In addition, current active and former sites with documented releases may have adversely affected subsurface conditions at the Target Property. Even sites with case closures have a potential to impact the Target Property and may contain subsurface contamination at concentrations exceeding applicable current regulatory screening levels.

(See "ASTM Findings" in Section 8.0)

5.1.4
*Unmapped Sites in the
EDR Report*

Three sites were listed as not mapped due to inadequate address information. SCA was able to locate these sites as being greater than 0.3 miles from the Target Property. Given the distance, the potential for impacts to the Target Property from these sites is minimal.

5.1.5
*Other Sites within a
0.35 mile radius*

SCA conducted a visual inspection of neighboring properties within a 0.3-mile radius for landfill sites, gas stations, waste incinerators, hazardous waste disposal sites, etc. and visual evidence of possible contamination.

All sites observed within 0.35 miles of the Target Property that were considered to have the potential for adversely affecting the subsurface conditions at the Target Property were addressed in the EDR Report and are summarized in the previous sections.

5.2 ADDITIONAL
RECORDS
SOURCES

No additional resources were used in preparation of this report

5.3 PHYSICAL
SETTING
SOURCES

The following records sources were used in preparing this report:

- United States Geological Survey (USGS), Oakland West, CA/7.5-Minute Quadrangle.
- EDR Reports located in Appendices C through F.
- Regulatory reviews as listed in Section 7.

5.4 HISTORICAL
DATA

The following sources were researched for site and adjacent property history information. See the Appendices of this report for these historical sources.

- Topographic Maps – 1895-2012

- Aerial photographs – 1939-2016
- Building Permit Report – 1968-2018 (No permits for Target Property)
- EDR Tax Map Report
- Sanborn Maps – 1889-1970

5.4.1
 Historical Findings

The earliest data that SCA has obtained for the Target Property is an 1889 Sanborn Map showing the Target Property as being occupied by approximately 7 residential and commercial buildings with stables. One building was labeled “Coal” and located on the west portion of the property in 1912. The Target Property continued to become more densely developed with a variety of commercial and residential properties through the 1970s. Beginning in the late 1970s, buildings were gradually demolished and the site cleared. By the early 2000s, only one large building was remained on the Target Property. The site has been in its current approximate configuration since 2014 when the remaining large warehouse was demolished and replaced with portables.

Surrounding properties have been largely residential and commercial, with a United States Post Office Main Branch for Oakland, CA being developed to the south of the Target Property in 1970. A Fire Station, Shoe Polish Manufacturing Company, and Steel Works existed to the north of the Target Property in the same lot between the 1950s-1980s. A wood and coal yard existed west adjacent to the Target Property until approximately 1950. The Port of Oakland exists to the far south of the Target Property.

The historical data obtained from aerial photographs, Sanborn maps, building permit reports, city directory, and topographic maps for the Target Property and immediately surrounding properties is summarized in the following table.

Date	Document	Notes
1889	Sanborn Map	Shows the Target Property with approximately 7 buildings present. Among these buildings are stables and concrete/brick-construction residential structures. There are also multiple stores present at the site. There is considerable open space present at the Target Property. A wood and coal yard is shown to the west of the site/ Residential dwellings, limited commercial, and open space surround the property.
1895	Topo Map	Shows the Target Property and surrounding streets.
1899	Topo Map	Shows the Target Property and surrounding streets.
1902	Sanborn Map	Shows the Target Property with approximately 10 buildings present. Among these buildings are stables and concrete/brick-construction residential structures. There are also multiple stores present at the site. A large building has been added in the southwest corner. No changes to surrounding properties.
1912	Sanborn Map	Shows the Target Property with approximately 15 buildings present. Among these buildings are stables, a blacksmith, a restaurant and concrete/brick-construction residential structures, multiple stores present at the Target Property. Very little open space remains on site. Buildings labeled as coal exist at west end of the Target Property. Residential and commercial properties surround the Target Property. A fire station exists northwest of the Target Property.
1915	Topo Map	Shows the Target Property and surrounding streets.
1928	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.
1933	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.

1939	Aerial Photo	Buildings are present throughout site. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
1943	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.
1945	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.
1946	Aerial Photo	Buildings are present throughout site. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
1948	Topo Map	Shows the Target Property and surrounding streets. Large fill operations expanded the shoreline to the west for a Naval Base.
1949	Topo Map	Shows the Target Property and surrounding streets.
1951	Sanborn Map	Shows the Target Property with approximately 15 buildings present. Among these buildings are stables and concrete/brick-construction residential structures, multiple stores present at the Target Property. Building labeled coal are gone. The wood and coal yard is gone to the west of site. Surrounding properties are largely residential and commercial. Fire station to the northeast of Target Property is noted as vacant.
1952	Sanborn Map	No onsite changes from 1951 Sanborn Map. A Pharmaceuticals Manufacturing facility took the place of the fire station.
1955	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.
1957	Sanborn Map	No onsite changes from 1951 Sanborn Map. The Pharmaceuticals facility to the north was changed to a Shoe Polish Manufacturing company.
1958	Aerial Photo	Buildings are present throughout site. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
1958	Sanborn Map	No changes from 1957 Sanborn Map.
1959	Topo Map	Shows the Target Property and surrounding streets.
1961	Sanborn Map	No changes from 1958 Sanborn Map.
1962	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.
1963	Aerial Photo	Buildings are present throughout site. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property. Land to the south of the Target Property was cleared for development.
1967	Sanborn Map	No changes from 1961 Sanborn Map other than the Shoe Polish Manufacturing Company to the north of Target Property now part of Iron Works.
1967	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.
1968	Topo Map	Shows the Target Property and surrounding streets. US Postal facility south of the site is developed.
1968	Aerial Photo	Buildings are present throughout site. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
1970	Sanborn Map	No changes from 1967 Sanborn Map at Target Property. Multiple blocks of residential and commercial properties to the south of Target Property have been further developed into a U.S. Post Office Main Branch for Oakland, CA.
1970	City Directory	Residential and Commercial occupants are listed as occupying the Target Property.
1973	Topo Map	Shows the Target Property and surrounding streets.
1975	Aerial Photo	Buildings are present on the west side of the Target Property, the east side has been cleared. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
1980	Topo Map	Shows the Target Property and surrounding streets.
1982	Aerial Photo	Buildings are present on the west side of the Target Property, the east side remains cleared. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.

1992	City Directory	California Homemakers Association is listed as occupying the Target Property.
1993	Aerial Photo	One single buildings exists in the central portion of the Target Property. The east and west sides have been cleared. Surrounding properties appear to be residential and commercial with some updates, with the port of Oakland to the far south of the property.
1996	City Directory	Western Service Workers Association is listed as occupying the Target Property.
1996	Topo Map	Shows the Target Property and surrounding streets.
1998	Aerial Photo	Buildings are present on the west side of the Target Property, the west side has been cleared. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
2000	City Directory	Western Service Workers Association is listed as occupying the Target Property.
2005	Aerial Photo	One single building exists on site. The remainder of the site is cleared.
2006	City Directory	Western Service Workers Association is listed as occupying the Target Property.
2009	Aerial Photo	Only one large building is present on site, the rest of the site has been cleared. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
2012	Topo Map	Shows the Target Property and surrounding streets.
2012	Aerial Photo	Only one large building is present on site, the rest of the site has been cleared. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
2016	Aerial Photo	The single building was replaced with three portable buildings. The east side of the site has a number of garden plots and the west side appears vegetated.. Surrounding properties appear to be residential and commercial, with the port of Oakland to the far south of the property.
Jan 2019	Site Visit	The Target Property is currently being occupied as Oakland and the World as the West Oakland Farms. There are 3 portables present in the center of the site, which replaced the large building in the 2012 aerial photo. SCA was informed the last structure was removed from the site in approximately 2013 and these portables were placed. There are vegetable gardens throughout the site, as well as a compost pile, and 2 vans parked on the site. A fence surrounds the entire property.

5.5 HISTORICAL USE INFORMATION

Historically, surrounding properties have been largely residential and commercial, with a United States Post Office Main Branch for Oakland, CA being developed to the south of the Target Property in 1970. A Fire Station, Shoe Polish Manufacturing Company, and Steel Works existed to the north of the Target Property in the same lot between the 1950s-1980s. A wood and coal yard existed west, adjacent to the Target Property, until approximately 1950. The Port of Oakland exists to the far south of the Target Property.

Based on the review of the available information, the surrounding properties such as manufacturing and coal facilities have the potential to have impacted subsurface conditions at the Target Property.

(See "ASTM Findings" in Section 8.0)

6.0 SITE RECONNAISSANCE

6.1 LIMITATIONS/ METHODS

The site visit was completed by Tucker Kalman, QSP/D, CAC, CDPH on January 3, 2019. All areas of the property grounds and portables, etc. were accessible to SCA during the site reconnaissance except for Portable #1.

Ground level photographs taken during the site reconnaissance are presented in Appendix A.

6.2 SITE SETTING

The area surrounding the Target Property consists of mixed residential and commercial properties.

6.3 OBSERVATIONS

All observations of Target Property conditions including any identified or non-identified substances have been listed below in accordance with ASTM Practice E-1527-13.

6.3.1 *Hazardous Substances from Identified Property Uses*

No hazardous materials were identified at the Target Property with the exception of approximately 5 gallons of gasoline and 2 quarts of motor oil stored inside of Portable #3 for use with equipment.

6.3.2 *Hazardous Substance and Unidentified Containers*

No unidentified containers were noted at the time of SCA's site reconnaissance.

6.3.3 *Storage Tanks*

No evidence of current underground storage tanks was observed during SCA's site reconnaissance.

6.3.4 *Polychlorinated Biphenyls (PCBs)*

PCBs are regulated under Federal and State law. Byproducts of PCB combustion are known carcinogens and respiratory hazards. Consequently, specific handling and disposal of PCB-containing products is required. PCBs are most commonly found in lighting ballasts, wet transformers, and in electrical equipment, which uses dielectric fluids. PCBs are also occasionally found as a contaminant in hydraulic fluids.

Because of PCBs' environmental toxicity and classification as a pollutant, PCB production was banned by United States federal law in 1978

Given the construction date of the portable buildings, the presence of PCBs in building materials, fluids, etc. is unlikely.

6.3.5 *Solid Waste Disposal*

Solid waste disposal is handled by the local municipality. Bins are stored near the portables. Limited solid waste (old bike tires and frames) were noted

	<p>in the compost pile at the northwest portion of the site.</p>
<p>6.3.6 <i>Physical Setting Analysis (re: on-site or off-site migration of hazardous substances)</i></p>	<p>Based on our site reconnaissance and the findings listed in Section 5.1.3, it is SCA's opinion that adjacent properties do have significant potential to have impacted the soil, soil-vapor, or groundwater conditions at the Target Property.</p> <p>No other factors observed at the Target Property were relevant to on-site or off-site migration.</p>
<p>6.3.7 <i>Odors</i></p>	<p>No odors of environmental concern were noted at the Target Property.</p>
<p>6.3.8 <i>Pits, Ponds, Lagoons, or Pools of Liquid</i></p>	<p>No pits, ponds, lagoons or pools of liquid were noted during SCA's site visit.</p>
<p>6.3.9 <i>Stained or Corroded Concrete, Floors, etc.</i></p>	<p>No stains were noted at the Target Property.</p>
<p>6.3.10 <i>Stressed Vegetation</i></p>	<p>No stressed vegetation indicative of possible contamination was noted at the Target Property during the site reconnaissance.</p>
<p>6.3.11 <i>Wastewater and Stormwater Disposal</i></p>	<p>Stormwater follows the topographic gradient of the Target Property toward the east/northeast. SCA noted street storm drains located at the corners of the Target Property, transporting runoff to the municipal stormwater system.</p>
<p>6.3.12 <i>Wells and Septic System</i></p>	<p>No wells or septic tanks were identified during SCA's site visit.</p>
<p>6.3.13 <i>Drains and Sumps</i></p>	<p>No drains were noted at the Target Property.</p>
<p>6.3.14 <i>Asbestos-Containing Materials</i></p>	<p>Asbestos-containing materials (ACM) are those materials identified as containing >1.0% asbestos. Trace ACM are those materials identified as containing <1.0% but greater than 0.1% asbestos. These materials may exist as construction debris (in which case they fall under CERCLA regulatory requirements), as materials in intact buildings (in which case they fall under TSCA and NESHAPS requirements) or as geological deposits (in which case they are typically regulated by local air pollution control district standards).</p> <p>During the site reconnaissance, following items which should be evaluated for asbestos content prior to disturbance were observed by SCA or assumed to be present in conjunction with the Portable Buildings:</p>

- Drywall walls and ceilings with texturing
- Vinyl floor tiles and associated mastics
- Vinyl floor sheeting and associated mastics
- Roofing materials (shingles and penetration mastics)
- Baseboard mastic
- Formica countertops and associated glues
- Wall mastics for bathroom mirrors
- Concrete poured under the portables

Note that although these materials are considered as suspect ACM, the asbestos content cannot be determined without sampling and laboratory analysis of the materials. All unsampled materials should be considered suspect ACM until sampling can be performed to verify asbestos content. Even though the portable buildings are less than 20 years old, testing for asbestos is still recommended if the buildings will be left on site and are slated for demolition prior to redevelopment of the property. In addition, no abatement records were present for the former buildings at the Target Property indicating that all asbestos-containing construction materials were properly abated prior to demolition.

(See “Asbestos-Containing Building Materials” in Section 8.0)

6.3.15
*Lead-Containing
Materials*

Lead is a suspect carcinogen and known teratogen, and neurotoxic in high doses, therefore lead-containing materials need to be identified prior to the onset of construction activities. Deteriorated or child-accessible lead-based paints (LBP) and lead-contaminated dust may be of particular concern in residential settings, even where no construction activities are planned.

LBP is defined differently by different agencies. The Consumer Product Safety Commission (CPSC) prohibits the use of more than 90 parts per million (ppm) of lead in new paint for residential use. HUD uses a cutoff of 0.5% lead by weight or 1.0 milligram/ square centimeter (mg/cm²). Lead paint waste disposal is regulated by California EPA, and uses a definition of 1000 ppm total lead by weight and 5 ppm of soluble lead (although intact LBP on a solid substrate is generally not regulated as a hazardous waste). Federal and California OSHA use a standard based upon airborne exposure to workers disturbing the painted surface, providing that, airborne lead should not exceed a permissible exposure limit of 50 micrograms per cubic meter.

The paints on the portable buildings and building finishes (e.g., vinyl flooring) have a potential to contain measurable concentrations of lead in interior and exterior coatings. In addition, lead may be present in soils at the Target Property from previous buildings demolished.

(See “Lead-Containing Materials” in Section 8.0)

6.3.16
Lead in Water

Lead in drinking water is limited to a 15 parts per billion (ppb) standard

under USEPA regulations (for the Utility – SFPUC). The potential sources of lead, and their applicability to the Target Property, are summarized in the following table:

Potential Source of Lead In Water	Applicability to Target Property	Follow-up Action
Older piping systems with "silver solder" connections.	Not applicable – not observed at Target Property.	None
Specific brands of drinking fountain with lead-lined holding tanks.	Not applicable – no drinking fountains of these specific brands observed.	None
Water provided by local municipality	Applicable, although monitoring data from Public Utilities Commission presents no issues	None

6.3.17
Mercury Lamps and Control Systems

Elemental mercury is a neurotoxin and bio-accumulative environmental hazard, which is relatively common in building electrical and control systems.

Mercury containing lamps were observed in the portable buildings.

(See “Mercury-Containing Lamps” in Section 8.0)

6.3.18
Urea Formaldehyde Foam Insulation

No suspect urea formaldehyde foam insulation was noted on the Target Property.

6.3.19
Fiberglass Building Systems

Fiberglass piping and building insulation was not observed, but is assumed to be present inside of the portable buildings.

6.3.20
Chlorofluorocarbons (CFCs)

CFC compounds occur commonly in building cooling systems, refrigeration equipment, and fire suppression systems. CFCs are regulated under an EPA phase-out program designed to reduce use of ozone-depleting chemicals. The Target Property had no suspect CFC containing equipment of environmental concern.

6.3.21
Radon

Three (3) radon tests have been conducted in the Target Property’s zip code area, according to the CA Radon State Database. Of these 3 tests, none measured above 4 picocuries per liter (pCi/l), the US EPA’s recommended action level. There is no specific information on the Target Property’s radon levels. However, the Federal EPA Radon Zone for Alameda County is listed in the EDR Report as “2”. The zone is defined by radon testing of the basement, first and second floors for various sites in San Francisco County. The zone indicates that the average indoor level of radon is generally between 2-4 picocuries per liter (pCi/l).

Based on these survey results SCA does not anticipate radon exposures to exceed the US EPA recommended action level of 4 pCi/l.

6.3.22
Electromagnetic Fields

The Target Property does not appear to be in a particularly high-risk location for electromagnetic field (EMF) or extremely low frequency (ELF) exposure. High voltage lines do not traverse the property. Although transformers were observed at the Target Property, no step-down stations, microwave transmitters, or other typical sources of EMF/ELF were visible on the property or surrounding properties.

6.3.23
Mold

No mold was noted during SCA's site visit in areas visually inspected. Note that entry into all storage units was not provided during the site reconnaissance.

6.3.24
Other Environmental Issues

SCA noted no other environmental issues at the Target Property during the site reconnaissance.

7.0 INTERVIEWS

7.1 KEY SITE MANAGER INTERVIEW

Information regarding the Target Property and nearby properties was gathered from a site visit, historical background data, and environmental database files. SCA provided Ms. Lauren Levrant of MBS with an AAI Questionnaire that was completed on January 8, 2019. The *Key Site Manager* questionnaire was completed by Gayle Dickinson of Oakland and the World on January 4, 2019. Information obtained from these parties is incorporated by reference.

7.2 REGULATORY INTERVIEWS

SCA requested files for the Target Property using the address presently associated with the Target Property. Files were requested from representatives of the following regulatory agencies, and memoranda documenting these requests are located in Appendix B of this report.

7.2.1 *Bay Area Air Quality Management District*

This agency maintains files related to leaks, spills and air quality contamination. No records were on file for the Target Property with this agency, but various files were provided for equipment at the 1675 7th Street US Postal location across the street.

7.2.2 *San Francisco Regional Water Quality Control Board*

This agency maintains files related to leaks, spills, and groundwater contamination.

SCA has checked the GeoTracker website that includes case file summaries for Water Board case files from approximately 1986. No documents on file for the Target Property.

7.2.3 *City of Oakland Fire Department*

This agency maintains files that include records for sites with underground storage tanks and hazardous materials on site. As of the date of this report, SCA has not received a response from this agency.

7.2.4 *Alameda County Department of Public Health*

This agency maintains files including sites undergoing remediation, underground storage tank removal and installation, hazardous materials management plans, permits, inventories, and notices of violations. SCA received various files for the 1675 7th Street US Postal Office facility across the street. These included inspection records for the various USTs stored on this site.

7.2.5 *Permits, Licenses, and Registrations, etc.*

No other registrations, environmentally related permits or licenses are existent or required for the Target Property under its current use.

7.2.6
*California Department
of Conservation,
Division of Oil, Gas
and Geothermal
Resources.*

No oil, gas, or geothermal wells are located within 1,500-feet of the Target Property.

7.3 INTERVIEWS
WITH OTHERS

The findings of SCA have not warranted any further interviews to be conducted at this time.

8.0 FINDINGS

8.1 ASTM FINDINGS

The assessment revealed evidence of *recognized environmental conditions* in connection with the property. These are summarized below:

1. The presence of various sites in the immediate vicinity of the Target Property with documented subsurface conditions. These include 1675 7th Street, which is located immediately across the street from the Target Property and 800 Center Street. Both of these sites currently have active cases with the water board. These sites are summarized in Section 5.1.3.
2. There is a structure at the Target Property in the 1912 Sanborn Map which is labeled as “Coal.” This could indicate coal being burned on site, which could contribute to subsurface contamination at the site.
3. Various site within 0.3 miles of the site are listed as being historical automotive service stations or historical cleaners. Although no contamination is confirmed at these sites, there is a possibility of contamination. These sites are summarized in Section 5.1.3.

Recommendation: A Phase II Environmental Assessment should be completed at the Target Property to characterize subsurface conditions due to threats from surrounding properties or from previous site uses. This Phase II should be targeted to characterize the soil depths that would be impacted by potential redevelopments of the Target Property, to evaluate groundwater conditions, and to evaluate the soil gas conditions at the Target Property.

8.2 OTHER FINDINGS

The following items were noted, but are not *recognized environmental conditions* as defined by ASTM methodology. Although not recognized by ASTM, these items may be of some significance in future redevelopment activities at the Target Property.

8.2.1 *Asbestos-containing materials*

During the site reconnaissance, SCA noted various materials that have the potential to be asbestos containing until sampling is performed to verify asbestos content. Abatement records for previous buildings were not available to verify if all identified asbestos containing construction materials had been abated prior to demolition. Refer to Section 6.3.14.

Recommendation: The current owner should remove the Portables prior to re-development of the site. If the Portables are to remain, observed suspect materials should be sampled for asbestos analysis prior to demolition of the portables. A detailed survey of each portable building should be conducted prior to any planned disturbance. All asbestos containing materials (ACM, >1%) and asbestos-containing construction materials (ACCM, >0.1%) should be abated by a DOSH-registered abatement contractor. Work and disposal requirements should comply with all federal, state and local regulations.

8.2.2
Asbestos in Soils

It is not uncommon for properties in this area to have naturally-occurring asbestos-containing soils resulting from placement of surcharged soils or fill during construction. If asbestos is identified at concentrations exceeding 0.25%, the Target Property will be subject to the requirements of CARB's 2002-07-29 Asbestos ATCM for Construction, Grading, Quarrying, and Surface Mining Operation requirements. Refer to Section 3.3.1.

Recommendation: SCA recommends discrete soil sampling at depths to be disturbed by proposed during redevelopment to determine if naturally-occurring asbestos is present in native soils or fill soils imported to the Target Property during any potential redevelopment at the Target Property. If asbestos is revealed in the soils, SCA recommends complying with CARB's 2002-07-29 Asbestos ATCM for Construction, Grading, Quarrying, and Surface Mining Operation requirements if soils are to be disturbed at the site. This will also require the preparation of an Asbestos Dust Mitigation Plan for the site to be approved by Bay Area Air Quality Management District (BAAQMD).

8.2.3
Lead-containing materials

The portable buildings at the Target Property have the coatings and materials that may contain measurable amounts of lead. Soils may also contain lead from previous buildings located at the Target Property. Refer to Section 6.3.15.

Recommendation: The current owner should remove the Portables prior to redevelopment of the site. If the Portables are to remain, representative samples of coatings should be collected to evaluate lead content, and samples of materials that frequently contain elevated levels of lead (e.g, vinyl flooring, etc.) should also be collected. Dust control procedures should be implemented for compliance with Cal/OSHA's Construction Lead Standard under 8 CCR 1532.1 during any renovations. In addition, waste profiling should be completed by the contractor to characterize waste prior to disposal. In addition, soil sampling should be performed to evaluate if lead is present above relevant screening criteria.

8.2.4
Mercury-Containing Lamps

SCA observed fluorescent tubes throughout the accessible portable buildings. Refer to Section 6.3.17.

Recommendation: In their current state, the items are not an environmental concern. The lamps should be removed and disposed of per applicable federal, state and local regulations (preferably via recycling) or removed from the property by the current owner prior to redevelopment of the site.

9.0 CONCLUSIONS

SCA has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the 7th and Campbell property (6 parcels). Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. The assessment revealed evidence of *recognized environmental conditions in connection with the property*. These are summarized below:

1. The presence of various sites in the immediate vicinity of the Target Property with documented subsurface conditions. These include 1675 7th Street, which is located immediately across the street from the Target Property and 800 Center Street. Both of these sites currently have active cases with the water board. These sites are summarized in Section 5.1.3.
2. There is a structure at the Target Property in the 1912 Sanborn Map which is labeled as "Coal." This could indicate coal being burned on site, which could contribute to subsurface contamination at the site.
3. Various site within 0.3 miles of the site are listed as being historical automotive service stations or historical cleaners. Although no contamination is confirmed at these sites, there is a possibility of contamination. These sites are summarized in Section 5.1.3.

The following items were also noted. While not *RECs* as defined by ASTM methodology, these may be of some significance in future redevelopment activities at the Target Property:

- Potential for asbestos-containing building materials in portable buildings or in shallow site soils from demolition of former structures.
- Potential for naturally-occurring asbestos in site soils.
- Potential for lead-containing coatings and building materials on portables or for lead in shallow soils from previous buildings present on the Target Property.
- Presence of mercury lamps in the portables.

10.0 LIMITATIONS

The staff of SCA Environmental, Inc. has prepared this report for McCormack Baron Salazar under the professional supervision of the principal and staff whose signatures appear hereon. Neither SCA Environmental, Inc., nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved.

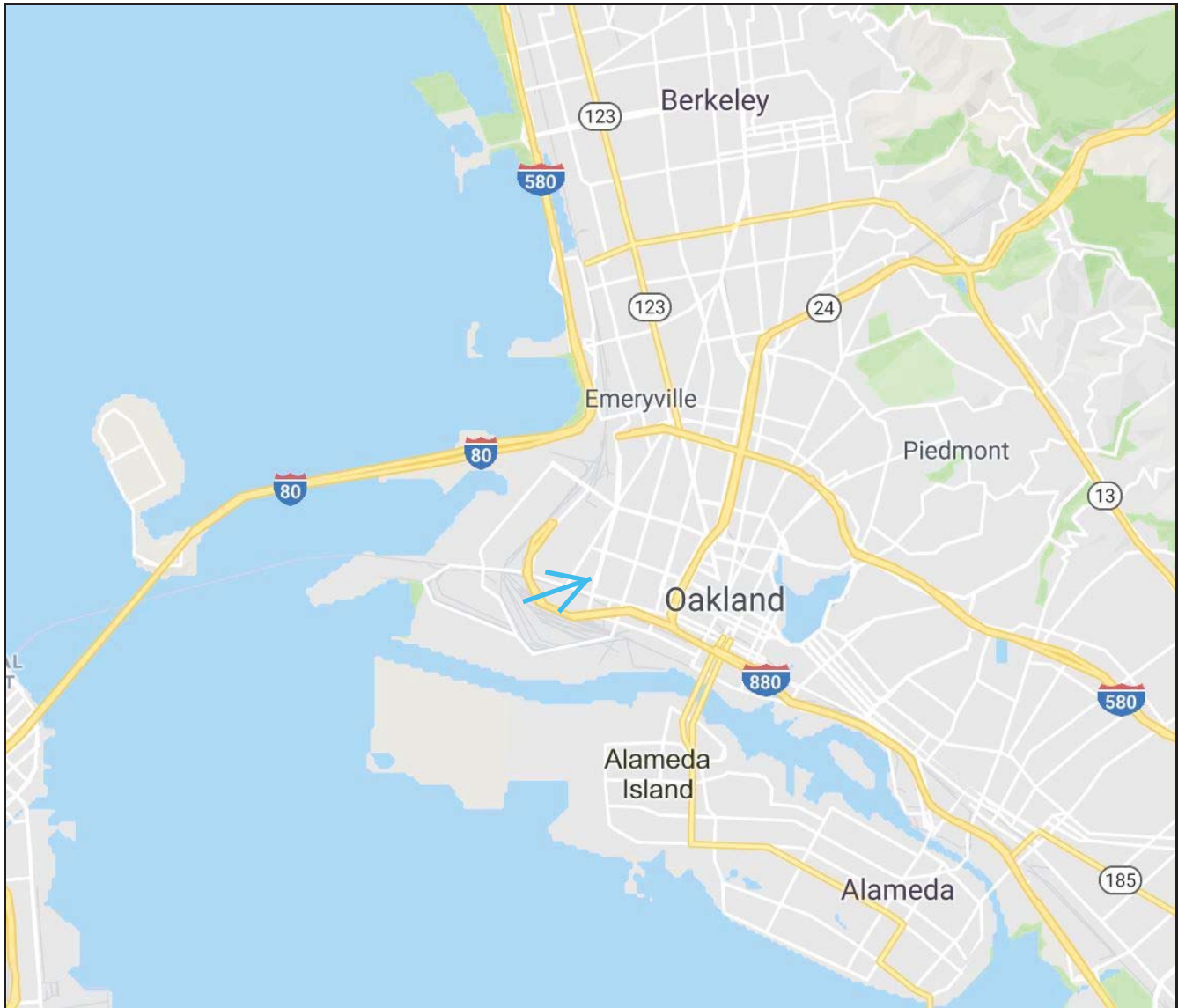
The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments and are founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either express or implied.

The investigation was prepared in accordance with the most current (E-1527-13) American Society of Testing and Materials (ASTM) methods for environmental site assessments. The report is prepared solely for the use and benefit of McCormack Baron Salazar. No other party may use this report, for any purpose, without the written authorization of a Principal of SCA.

In preparing this report, SCA has relied upon information provided by others. SCA has not verified the accuracy or completeness of this information. Should information provided by others prove to be inaccurate or incomplete, SCA's findings, conclusions, and recommendations provided herein may not be valid.

Please note that relevant ASTM standards require re-preparation of Phase I assessments after six months if they are to be used for funding, development, or other decision-making purposes. This document is not to be used for zoning or planning purposes and does not address seismic, aesthetic or noise issues.

FIGURES



Source: Google Maps

LEGEND:



Target Property



SCA

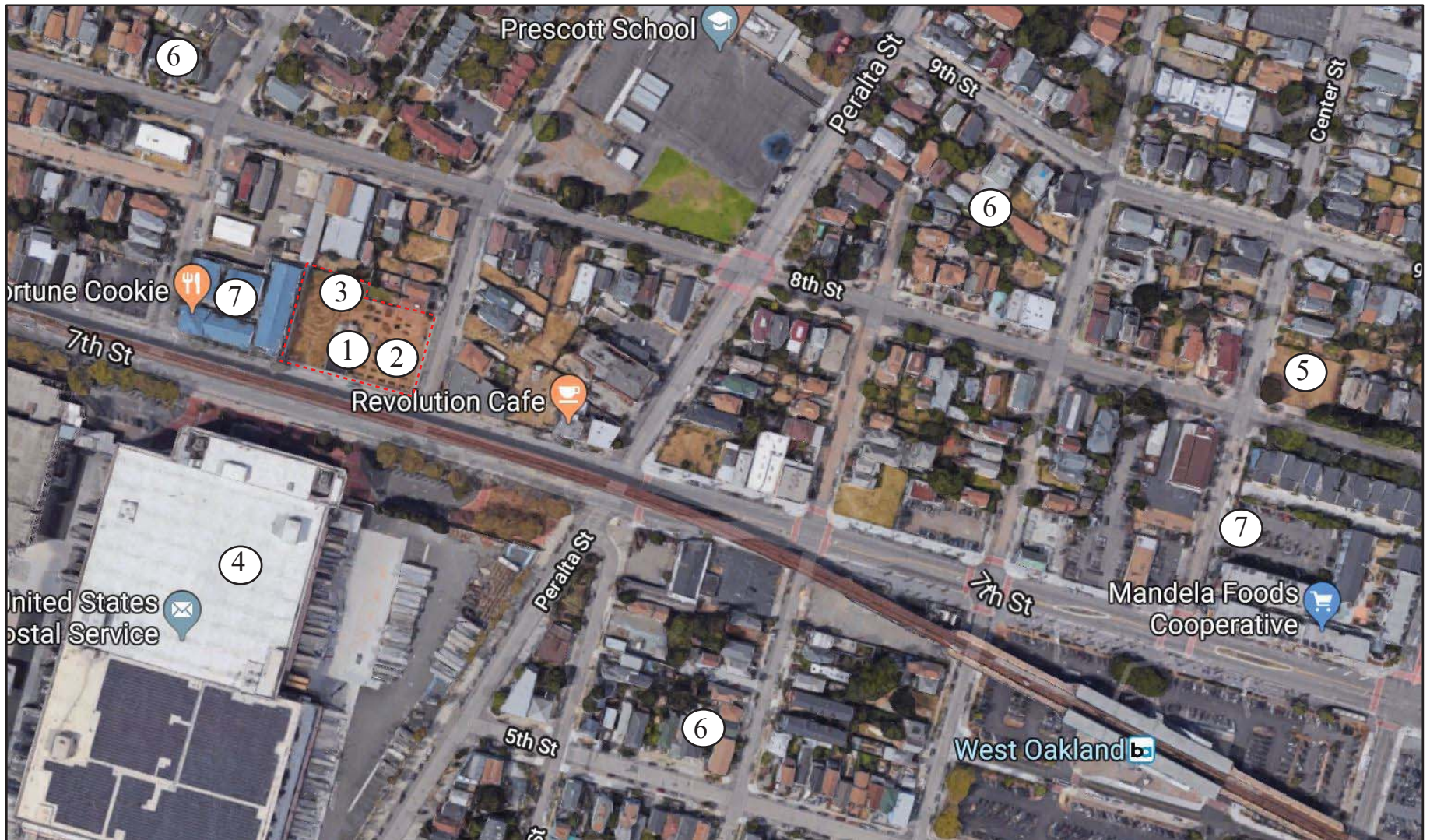
ENVIRONMENTAL, INC.

Vicinity Map

1650-1676 7th Street and 711-715
Campbell Street, Oakland, CA 94607

Figure

1



Key:

- | | |
|--------------------------------|---|
| 1. Portable Buildings | 5. 800 Center Street |
| 2. Vegetable Beds | 6. Residential |
| 3. Compost Pile | 7. Commercial |
| 4. 1675 7 th Street |  Target Property |



Figure 2: Site Map
 1650-1676 7th Street and 711-715 Campbell Street
 Oakland, CA 94607
 SCA Project No. F12881

APPENDIX A
SITE PHOTOGRAPHS



Photo 1: View of Target Property Looking West



Photo 2: View of Target Property Looking North



Photo 3: View of Portable Buildings on Target Property



Photo 4: View of Vans at Target Property



Photo 5: View of Compost Piles at Target Property



Photo 6: View of Planter Beds at Target Property

SITE PHOTOGRAPHS
1650-1676 7th Street and 711-715 Campbell Street,
Oakland, CA 94607



Photo 7: Looking East from Target Property



Photo 8: Looking West from Target Property



Photo 9: Looking South from Target Property at USPS Facility



Photo 10: Looking North from Target Property



Photo 11: View of Gasoline Storage in Portables



Photo 12: View of Limited Pesticides in Portables

SITE PHOTOGRAPHS
1650-1676 7th Street and 711-715 Campbell Street,
Oakland, CA 94607



Photo 13: View of Tools Stored in Portables



Photo 14: View of Restroom in Portable

APPENDIX C
ENVIRONMENTAL LIEN SEARCH REPORT

1650-1676 7th Street & 711-715 Campbell

715 Campbell
Oakland, CA 94607

Inquiry Number: 5512081.7
January 04, 2019

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

715 Campbell
1650-1676 7th Street & 711-715 Campbell
Oakland, CA 94607

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found Not Found

RESEARCH SOURCE

Source 1:

Alameda Recorder
Alameda, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed: deed
Title is vested in: City of Oakland
Title received from: Old Republic Title Trustees
Deed Dated: 6/27/2013
Deed Recorded: 7/8/2013
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments:
Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: City of Oakland

Parcel # / Property Identifier: 006-0017-017, 006-0017-018, 006-0017-019, 006-0017-021, 006-0017-022

Comments: See Exhibit

Deed 2:

Type of Deed: deed
Title is vested in: City of Oakland
Title received from: Old Republic Title Trustees
Deed Dated: 7/20/2015
Deed Recorded: 7/28/2015
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments:
Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: City of Oakland

Parcel # / Property Identifier: 006-017-020

Comments: See Exhibit

Deed Exhibit 1

RECORDING REQUESTED BY:
Old Republic Title Compa



2013233043 07/08/2013 08:30 AM
OFFICIAL RECORDS OF ALAMEDA COUNTY
PATRICK O'CONNELL
RECORDING FEE: 34.00

AND WHEN RECORDED TO:
City of Oakland
Housing & Community Development
250 Frank Ogawa Plaza, Suite 5313
Oakland, CA 94612



4 PGS

Forward Tax Statements to
the address given above

SPACE ABOVE LINE FOR RECORDER'S USE

TS #: 0125000982
Loan #: Oakland Comm. Housing

A13
4
ba

TRUSTEE'S DEED UPON SALE

A.P.N.: 006-0017-022; 006-0017-018; 006-0017-019; 006-0017-021; 006-0017-017
Transfer Tax: \$0.00

THIS TRANSACTION IS EXEMPT FROM THE REQUIREMENTS OF THE REVENUE AND TAXATION CODE,
SECTION 480.3

The Grantee Herein was the Foreclosing Beneficiary.
The Amount of the Unpaid Debt was \$329,822.13
The Amount Paid by the Grantee was \$220,300.00
Said Property is in the City of Oakland, County of Alameda

Old Republic Title Company, a California corporation, as Trustee, (whereas so designated in the Deed of Trust hereunder more particularly described or as duly appointed Trustee) does hereby GRANT and CONVEY to

The City of Oakland, a municipal corporation (as transferee of a housing loan formerly owned by the Redevelopment Agency of the City of Oakland

(herein called Grantee) but without covenant or warranty, expressed or implied, all right title and interest conveyed to and now held by it as Trustee under the Deed of Trust in and to the property situated in the county of Alameda, State of California, described as follows:

See Exhibit "A" attached hereto and made a part hereof

This conveyance is made in compliance with the terms and provisions of the Deed of Trust executed by **Oakland Community Housing Inc., a California nonprofit public benefit corporation** as Trustor, dated 8/29/2003 of the Official Records in the office of the Recorder of Alameda, California under the authority and powers vested in the Trustee designated in the Deed of Trust or as the duly appointed Trustee, default having occurred under the Deed of Trust pursuant to the Notice of Default and Election to Sell under the Deed of Trust recorded on 9/10/2003, instrument number 2003535727, of official records. Trustee having complied with all applicable statutory requirements of the State of California and performed all duties required by the Deed of Trust including sending a Notice of Default and Election to Sell within ten days after its recording and a Notice of Sale at least twenty days prior to the Sale Date by certified mail, postage pre-paid to each person entitled to notice in compliance with California Civil Code 2924b.

TRUSTEE'S DEED UPON SALE

TS #: 0125000982

Loan #: **Oakland Comm. Housing**

All requirements per California Statutes regarding the mailing, personal delivery and publication of copies of Notice of Default and Election to Sell under Deed of Trust and Notice of Trustee's Sale, and the posting of copies of Notice of Trustee's Sale have been complied with. Trustee, in compliance with said Notice of Trustee's sale and in exercise of its powers under said Deed of Trust sold said real property at public auction on **6/27/2013**. Grantee, being the highest bidder at said sale became the purchaser of said property for the amount bid, being **\$220,300.00**, in lawful money of the United States, in pro per, receipt thereof is hereby acknowledged in full satisfaction of the debt secured by said Deed of Trust.

In witness thereof, **Old Republic Title Company, a California corporation**, as Trustee, has this day, caused its name to be hereunto affixed by its officer thereunto duly authorized by its corporation by-laws.

Date: **6/27/2013**

Old Republic Title Company, as Trustee

By:

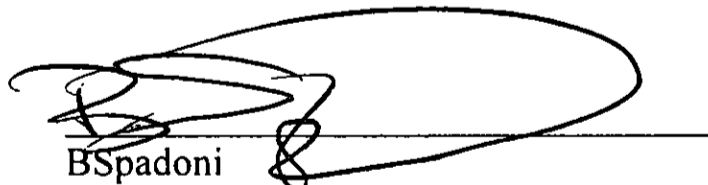

Debbie Jackson, Assistant Vice President

STATE OF California
COUNTY OF Contra Costa

On 7/5/2013 before me, BSpadoni Notary Public, personally appeared, **Debbie Jackson** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


BSpadoni

(Seal)

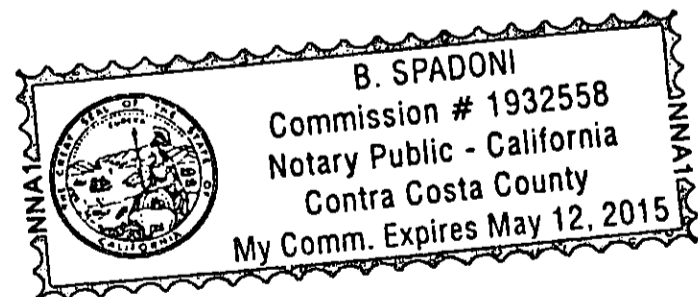


EXHIBIT "A"

Parcel One:

Beginning at a point on the Western line of Campbell Street, distant thereon 104 feet Northerly from the Northern line of 7th Street, formerly Railroad Avenue; thence Northerly along the said line of Campbell Street 26 feet; thence at right angles Westerly 111.67 feet; thence at right angles Southerly 26 feet; thence at right angles Easterly 111.67 feet to the point of beginning.

Parcel Two:

A non-exclusive perpetual easement and right of way, for ingress and egress of pedestrians, and for an overhanging stairway, to be appurtenant to and for the use of the owner, or owners, of Parcel 1 herein described, over the following described parcel of land;

Beginning at a point on the Western line of Campbell Street, distant thereon 130 feet Northerly from the Northern line of 7th Street, formerly Railroad Avenue; thence Northerly along the said line of Campbell Street 1.50 feet; thence at right angles Westerly 50.50 feet; thence at right angles Northerly 2 feet; thence at right angles Westerly 23.50 feet; thence at right angles Southerly 3.50 feet; thence at right angles Easterly 74 feet to the point of beginning.

APN: 006-0017-017

Parcel Three:

Lots 28 and 29, Block 526, Map of the Gibbons Property at Oakland Point, filed July 16, 1870, Map Book 1, Page 31, Alameda County Records.

APN: 006-0017-018

Parcel Four:

Lots 30 and 31, Block 526, Map of the Gibbons Property at Oakland Point, filed July 16, 1870, Map Book 1, Page 30, Alameda County Records.

APN: 006-0017-019

Parcel Five:

Commencing at a point on the Northern line of 7th Street, distant thereon 111 feet, 8 inches Westerly from the intersection thereof with the Western line of Campbell Street; thence Westerly along said line of 7th Street; 37 feet, 6) inches; thence at right angles Northerly 156 feet; thence at right angles Easterly 37 feet, 6 inches; and thence at right angles Southerly 156 feet, to the point of commencement. Being Lot numbered 32 and the Eastern one-half (1/2) of Lot Numbered 33 in Block 526 as per "Map of the Gibbons Property at Oakland Point", filed July 16, 1870, in the Office of the County Recorder of Alameda County.

APN: 006-0017-020

EXHIBIT "A"

Parcel Six:

Lot 34 and the Western 12.50 feet of Lot 33, in Block 526, as said Lots and Block are delineated and shown on the Map entitled, "Map of the Gibbons Property at Oakland Point", filed July 16, 1870, in Book 1 of Maps, Page 31, Alameda County Records.

APN: 006-0017-021

Parcel Seven:

Lot 35 and the Eastern 6.40 feet of Lot 36, Block 526, Map of the Gibbons Property at Oakland Point, filed July 16, 1870, Map Book 1, Page 31, Alameda County Records.

APN: 006-0017-022

Excepting therefrom that portion described in the Substitution of Trustee and Deed of Partial Reconveyance recorded June 15, 2010 under Recorder's Serial Number 2010-165702, described as follows: As set forth in said document.

Deed Exhibit 2



2015207440

07/28/2015 12:32 PM

OFFICIAL RECORDS OF ALAMEDA COUNTY

STEVE MANNING

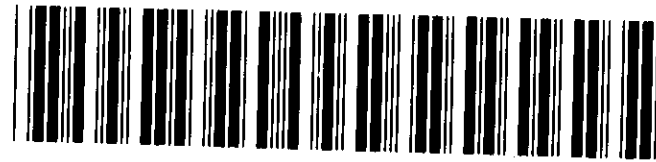
RECORDING FEE: 31.00

RECORDING REQUESTED BY:

Old Republic Title Company

AND WHEN RECORDED TO:

City of Oakland/Housing & Community Development
250 Frank Ogawa Plaza, Suite 5313
Oakland, CA 94612



3 PGS

Forward Tax Statements to
the address given above

3

ai

SPACE ABOVE LINE FOR RECORDER'S USE

TS #: 0125001518

Loan #: 7th & Campbell

TRUSTEE'S DEED UPON SALE

A.P.N.: 006-0017-020

Transfer Tax: \$0.00

THIS TRANSACTION IS EXEMPT FROM THE REQUIREMENTS OF THE REVENUE AND TAXATION CODE, SECTION 480.3

The Grantee Herein was the Foreclosing Beneficiary.

The Amount of the Unpaid Debt was \$251,592.88

The Amount Paid by the Grantee was \$251,592.88

Said Property is in the City of Oakland, County of Alameda

Old Republic Title Company, a California corporation, as Trustee, (whereas so designated in the Deed of Trust hereunder more particularly described or as duly appointed Trustee) does hereby GRANT and CONVEY to

City of Oakland

(herein called Grantee) but without covenant or warranty, expressed or implied, all right title and interest conveyed to and now held by it as Trustee under the Deed of Trust in and to the property situated in the county of Alameda, State of California, described as follows:

See Exhibit "A" attached hereto and made a part hereof.

This conveyance is made in compliance with the terms and provisions of the Deed of Trust executed by Oakland Community Housing Inc., a California nonprofit public benefit corporation as Trustor, dated 2/28/2003 of the Official Records in the office of the Recorder of Alameda, California under the authority and powers vested in the Trustee designated in the Deed of Trust or as the duly appointed Trustee, default having occurred under the Deed of Trust pursuant to the Notice of Default and Election to Sell under the Deed of Trust recorded on 3/24/2003, instrument number 2003162990, of official records. Trustee having complied with all applicable statutory requirements of the State of California and performed all duties required by the Deed of Trust including sending a Notice of Default and Election to Sell within ten days after its recording and a Notice of Sale at least twenty days prior to the Sale Date by certified mail, postage pre-paid to each person entitled to notice in compliance with California Civil Code 2924b.

TRUSTEE'S DEED UPON SALE

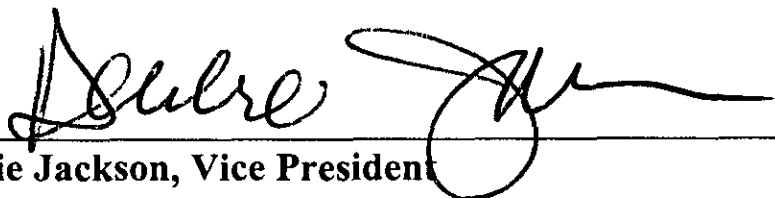
TS #: 0125001518
Loan #: 7th & Campbell

All requirements per California Statutes regarding the mailing, personal delivery and publication of copies of Notice of Default and Election to Sell under Deed of Trust and Notice of Trustee's Sale, and the posting of copies of Notice of Trustee's Sale have been complied with. Trustee, in compliance with said Notice of Trustee's sale and in exercise of its powers under said Deed of Trust sold said real property at public auction on 7/20/2015. Grantee, being the highest bidder at said sale became the purchaser of said property for the amount bid, being \$251,592.88, in lawful money of the United States, in pro per, receipt thereof is hereby acknowledged in full satisfaction of the debt secured by said Deed of Trust.

In witness thereof, **Old Republic Title Company, a California corporation**, as Trustee, has this day, caused its name to be hereunto affixed by its officer thereunto duly authorized by its corporation by-laws.

Date: 7/20/2015

Old Republic Title Company, as Trustee

By: 
Debbie Jackson, Vice President

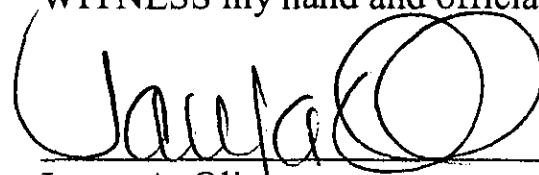
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF California
COUNTY OF Contra Costa

On 7/27/2015 before me, Laura A. Oliver Notary Public, personally appeared, **Debbie Jackson** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Laura A. Oliver

(Seal)

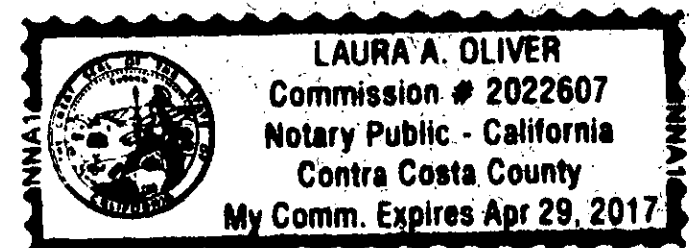


EXHIBIT "A"

Commencing at a point on the Northern line of 7th Street, distant thereon one hundred and eleven (111) feet eight (8) inches Westerly from the intersection thereof with the Western line of Campbell Street; thence Westerly along said line of 7th Street; thirty-seven (37) feet six (6) inches; thence at right angles Northerly one hundred and fifty-six (156) feet; thence at right angles Easterly thirty-seven (37) feet six (6) inches; and thence at right angles Southerly one hundred and fifty-six (156) feet, to the point of commencement. Being Lot numbered thirty-two (32) and the Eastern one-half (1/2) of Lot numbered thirty-three (33) in Block five hundred and twenty-six (526) as per "Map of the Gibbons Property at Oakland Point", filed July 16, 1870, in the Office of the County Recorder of Alameda County.

APPENDIX D
EDR DATABASE REPORT

1650-1676 7th Street & 711-715 Campbell
715 Campbell
Oakland, CA 94607

Inquiry Number: 5512081.2s
December 14, 2018

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	690
Government Records Searched/Data Currency Tracking	GR-1
<u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-7
Physical Setting Source Map	A-9
Physical Setting Source Map Findings	A-11
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.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

715 CAMPBELL
OAKLAND, CA 94607

COORDINATES

Latitude (North): 37.8068090 - 37° 48' 24.51"
Longitude (West): 122.2994630 - 122° 17' 58.06"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 561668.2
UTM Y (Meters): 4184406.2
Elevation: 15 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641112 OAKLAND WEST, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140608
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
715 CAMPBELL
OAKLAND, CA 94607

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	OAKLAND ARMY BASE (C		DOD	Same	3662, 0.694, NW
Reg	AMCO CHEMICAL	1414 THIRD STREET	NPL, SEMS, ENVIROSTOR, HIST Cal-Sites, Cortese	Same	1579, 0.299, SE
A1	OAKLAND MAIN OFFICE	1675 007TH ST	SWEEPS UST, CA FID UST	Lower	28, 0.005, SW
A2	WASH PALACE	1642 7TH ST	EDR Hist Cleaner	Lower	89, 0.017, SE
A3	YAMAUCHI KINO MRS	1692 7TH ST	EDR Hist Cleaner	Lower	106, 0.020, West
A4	TOGO LAUNDRY	1689 7TH ST	EDR Hist Cleaner	Lower	113, 0.021, SW
A5	BILIVICH NICK	1671 7TH ST	EDR Hist Auto	Lower	113, 0.021, SW
A6	USPS - OAKLAND VMF	1675 7TH ST	UST	Lower	129, 0.024, SW
A7	USPS - OAKLAND VMF	1675 7TH ST	CERS HAZ WASTE, CERS TANKS, CERS	Lower	129, 0.024, SW
A8	USPS - OAKLAND P&DC	1675 7TH ST	CERS HAZ WASTE, CERS	Lower	129, 0.024, SW
A9	US POSTAL SERVICE -	1675 7TH STREET	RCRA NonGen / NLR, PADS, FINDS	Lower	129, 0.024, SW
A10	MAIN POST OFFICE	1675 - 7TH STREET	HIST UST	Lower	129, 0.024, SW
A11	MAIN OFFICE VEHICLE	1675-7TH STREET	HIST UST	Lower	129, 0.024, SW
A12	MAIN POST OFFICE	1675 7TH STREET	AST, HIST UST, HAZNET	Lower	129, 0.024, SW
A13	OAKLAND MAIN POST OF	1675 7TH STREET	ENVIROSTOR, LUST, CPS-SLIC, Alameda County CS,...	Lower	129, 0.024, SW
14	CYRUS ESTHER MRS	1647 8TH ST	EDR Hist Cleaner	Higher	161, 0.030, NE
B15	M & W CLEANERS	1604 7TH ST	EDR Hist Cleaner	Lower	338, 0.064, SE
B16	ALEVIZOS N P	1599 7TH ST	EDR Hist Auto	Lower	384, 0.073, SE
C17	GELLITCH PIERRE	520 PERALTA ST	EDR Hist Auto	Lower	436, 0.083, SSE
D18	KANO I	1726 7TH ST	EDR Hist Cleaner	Lower	465, 0.088, West
D19	HOSHISAKI G S	1725 7TH ST	EDR Hist Cleaner	Lower	474, 0.090, West
D20	WALLACE MILTON H	1740 7TH ST	EDR Hist Auto	Lower	479, 0.091, West
B21	MOREIRA M M	1587 7TH ST	EDR Hist Auto	Lower	479, 0.091, SE
B22	PERALTA LAUNDERETTE	1576 7TH ST	EDR Hist Cleaner	Higher	515, 0.098, ESE
B23	ALLEN GEO	1579 7TH ST	EDR Hist Cleaner	Lower	525, 0.099, SE
C24	NAVAL SUPPLY CENTER,	500 CORNER OF 5TH AN	CERS TANKS, CERS	Lower	527, 0.100, South
C25	LOT AT 530-542 LEWIS	530-542 LEWIS STREET	SEMS-ARCHIVE	Lower	537, 0.102, SE
C26	528 LEWIS STREET	528 LEWIS STREET	HIST Cal-Sites, CERS	Lower	553, 0.105, SE
C27	528 LEWIS STREET	528 LEWIS STREET	RESPONSE, ENVIROSTOR, HAZNET	Lower	553, 0.105, SE
B28	GEVERTZ MAX	1569 7TH ST	EDR Hist Cleaner	Lower	577, 0.109, SE
29	WASHINGTON E C	1564 8TH ST	EDR Hist Cleaner	Higher	618, 0.117, East
30	OAKLAND NORTHFIELD T	OAKLAND MUNICIPAL AI	HIST UST	Higher	734, 0.139, NNE
E31	GOSSWOOD HOUSING ASS	1751 GOSS ST	LUST, Alameda County CS, SWEEPS UST, HIST CORTESE,...	Lower	765, 0.145, WNW
E32	CHURCH'S FRIED CHICK	1766 7TH STREET	ENVIROSTOR, LUST, Alameda County CS, VCP, HIST...	Lower	772, 0.146, WNW
33	RELIABLE HANDI CAB	1520 7TH ST	LUST, Alameda County CS, HIST CORTESE, CERS	Higher	910, 0.172, ESE
F34	SMITH'S WRECKING YAR	1600 3RD STREET	ENVIROSTOR, VCP, HAZNET	Lower	1068, 0.202, South
G35	THE PHOENIX	800 PINE ST	Alameda County CS	Lower	1088, 0.206, NW
G36	THE PHOENIX	801 PINE STREET	CPS-SLIC, CERS	Lower	1153, 0.218, WNW
G37	PEP BOYS	1818 SHOREY	HIST CORTESE	Lower	1172, 0.222, WNW

MAPPED SITES SUMMARY

Target Property Address:
715 CAMPBELL
OAKLAND, CA 94607

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H38	CALTRANS	727 PINE ST	ENVIROSTOR, VCP, HAZNET	Lower	1179, 0.223, WNW
H39	PHOENIX IRON WKS.	888 CEDAR ST	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Lower	1215, 0.230, WNW
F40	SOUTHERN PACIFIC -WE	CYPRESS CORRIDOR	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED,...	Lower	1234, 0.234, South
I41	WEST OAKLAND BART ST	1451 7TH STREET	ENVIROSTOR	Lower	1257, 0.238, ESE
I42	WEST OAKLAND BART ST	1451 7TH STREET	US BROWNFIELDS, FINDS	Lower	1257, 0.238, ESE
G43	VACANT AUTO REPAIR	SHOREY STREET	RESPONSE, ENVIROSTOR, CERS	Lower	1281, 0.243, WNW
44	SPT CO LOCO FUEL PLA	UNKNOWN PINE ST FOOT	LUST, HIST CORTESE	Lower	1296, 0.245, West
45	CYPRESS FREEWAY RECO	I-80/I-580/I-980	CPS-SLIC, NON-CASE INFO	Lower	1297, 0.246, SSW
J46	SO. PRESCOTT NEIGHBO	3RD STREET	ENVIROSTOR, VCP	Lower	1298, 0.246, SSE
J47	CYPRESS FREEWAY-3RD	3RD STREET BETWEEN C	ENVIROSTOR, VCP	Lower	1309, 0.248, South
H48	WILFRED'S AUTO WRECK	1834 7TH STREET	ENVIROSTOR, VCP	Lower	1327, 0.251, WNW
J49	1536 THIRD STREET	1536 THIRD STREET	ENVIROSTOR	Lower	1362, 0.258, SSE
50	B & A AUTO DISMANTLE	1823 SHOREY STREET	ENVIROSTOR, VCP	Lower	1367, 0.259, WNW
51	HALL PROPERTY	1455 5TH	CPS-SLIC, Alameda County CS, CERS	Lower	1369, 0.259, SE
K52	800 CEDAR ST	800 CEDAR STREET	US BROWNFIELDS	Lower	1381, 0.262, NW
K53	DEPT OF TRANSPORTATI	800 CEDAR ST	ENVIROSTOR, VCP, HAZNET	Lower	1381, 0.262, NW
L54	RADOMSKY PROPERTY	930 PINE STREET	ENVIROSTOR	Lower	1393, 0.264, NNW
L55	JENKINS AUTO WRECKER	1778 10TH STREET	ENVIROSTOR, Cortese, ENF	Lower	1411, 0.267, NNW
M56	BATAVIA PROPERTY	1832 9TH STREET	SEMS-ARCHIVE	Lower	1416, 0.268, NNW
57	CHEVRON #20-6145 / S	800 CENTER ST	LUST, CPS-SLIC, Alameda County CS, HIST CORTESE,...	Higher	1443, 0.273, East
J58	SOUTHERN PACIFIC 3RD	1509/1513 THIRD STRE	ENVIROSTOR, VCP	Lower	1453, 0.275, SSE
N59	MANDELA GATEWAY REDE	0 7TH ST & MANDELA P	CPS-SLIC, Alameda County CS, CERS	Higher	1550, 0.294, ESE
L60	1014 PINE STREET	1014 PINE STREET	US BROWNFIELDS, FINDS	Lower	1556, 0.295, NNW
L61	GLOBE METALS COMPANY	182010TH	HIST CORTESE	Lower	1594, 0.302, NNW
O62	PHOENIX 524 PROPERTY	524 CEDAR STREET	ENVIROSTOR, VCP, HIST CORTESE	Lower	1629, 0.309, West
P63	PHOENIX 766 PROPERTY	766 CEDAR STREET	ENVIROSTOR, VCP, HIST CORTESE	Lower	1629, 0.309, WNW
P64	SOUTHERN PACIFIC TRA	721 CEDAR ST	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Lower	1632, 0.309, West
Q65	GAINES PROPERTY	1795 11TH STREET	SEMS-ARCHIVE, HIST Cal-Sites, CERS	Lower	1640, 0.311, NNW
Q66	MODESTO BEE	1795 11TH ST	RESPONSE, ENVIROSTOR, HAZNET	Lower	1640, 0.311, NNW
M67	BATAVIA PROPERTY	1832 9TH STREET	ENVIROSTOR	Lower	1664, 0.315, NW
68	WEST OAKLAND AREA I	7TH STREET BETWEEN P	US BROWNFIELDS, FINDS	Higher	1671, 0.316, ENE
O69	CAL-EAST FOODS	505 CEDAR STREET	ENVIROSTOR, LUST, Alameda County CS, VCP, SWEEPS...	Lower	1687, 0.320, West
70	ALL WEATHER DOOR	1851 5TH ST	ENVIROSTOR, LUST, Alameda County CS, VCP, CHMIRS,...	Lower	1691, 0.320, West
N71	EBMUD - CYPRESS RECO	CYPRESS STREET	CPS-SLIC, CERS	Higher	1694, 0.321, ESE
R72	GLOBE METALS	1820 10TH ST	CPS-SLIC, Alameda County CS, PROC, WDS, CERS	Lower	1710, 0.324, NNW
R73	CA WASTE SOLUTIONS 1	1820 10TH STREET (PA	SWF/LF	Lower	1710, 0.324, NNW
R74	CALIFORNIA WASTE SOL	1820 10TH ST.	SWF/LF	Lower	1710, 0.324, NNW
N75	CHRYSLER AUTO UNLOAD	1401 7 MIDDLE HARBOR	HIST CORTESE	Higher	1718, 0.325, ESE
P76	W.O. RIP TRACK	515 BAY ST	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Lower	1721, 0.326, WNW

MAPPED SITES SUMMARY

Target Property Address:
715 CAMPBELL
OAKLAND, CA 94607

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P77	LIPS PROPELLERS	1899 7TH STREET	ENVIROSTOR, VCP, HIST CORTESE	Lower	1775, 0.336, WNW
N78	KELLY'S TRUCK REPAIR	1390 7TH ST	LUST, Alameda County CS, HIST CORTESE	Higher	1791, 0.339, ESE
S79	BOBO'S JUNKYARD	1401 THIRD STREET	ENVIROSTOR, VCP, DEED	Lower	1824, 0.345, SE
T80	CHEVRON	1395 7TH ST	LUST	Lower	1844, 0.349, ESE
T81	TRUCKER'S FRIEND	1395 7TH	LUST, Alameda County CS, HIST CORTESE	Lower	1844, 0.349, ESE
U82	CALIFORNIA SODA COMP	355 MANDELA PARKWAY	SEMS-ARCHIVE	Lower	1846, 0.350, SE
U83	CALIFORNIA SODA COMP	355 MANDELA PARKWAY	ENVIROSTOR, HAZNET, CERS	Lower	1846, 0.350, SE
Q84	BOHELLI WINDOWS	1111 PINE ST	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Lower	1857, 0.352, NNW
Q85	PACIFIC CANNERY LOFT	1111-1199 PINE STREE	CPS-SLIC, CERS	Lower	1857, 0.352, NNW
U86	SF BAY AREA RAPID TR	349 MANDELA PKWY	RESPONSE, ENVIROSTOR, HIST Cal-Sites	Lower	1865, 0.353, SE
S87	WEST OAKLAND LEAD	1414 3RD STREET	SEMS	Lower	1869, 0.354, SE
S88	DC METALS / AMCO CHE	1414 3RD ST	LUST, Alameda County CS, HIST UST, HIST CORTESE,...	Lower	1869, 0.354, SE
V89	SOUTHERN PACIFIC TRA	1912 7TH	LUST, Alameda County CS, HIST UST, HIST CORTESE,...	Lower	1894, 0.359, WNW
V90	SOUTHERN PACIFIC TRA	1912 7TH ST	LUST	Lower	1894, 0.359, WNW
W91	COLE BROTHERS AUTO W	1797 12TH STREET	ENVIROSTOR	Lower	1900, 0.360, North
X92	RED STAR YEAST / 139	1396 5TH ST	CPS-SLIC, Alameda County CS, CERS	Lower	1976, 0.374, ESE
93	ARMORED TRANSPORT	1333 8TH ST	RCRA-SQG, LUST, Alameda County CS, FINDS, ECHO,...	Higher	2002, 0.379, East
W94	UNION PACIFIC RAILRO	0 PINE ST	Alameda County CS	Lower	2011, 0.381, North
Y95	TAYLOR ROOF STRUCTUR	1769 13TH STREET	Notify 65	Lower	2017, 0.382, North
Z96	1125 MANDELA REUSE	1125 MANDELA PKWY	CPS-SLIC, Alameda County CS, CERS	Higher	2073, 0.393, ENE
Z97	1125 MANDELA PKWY	1125 MANDELA	CPS-SLIC, Alameda County CS, CERS	Higher	2073, 0.393, ENE
Z98	THOMPSON PROPERTY	1409-1417 12TH STREE	LUST, Alameda County CS, CERS	Higher	2090, 0.396, ENE
Y99	TAYLOR ROOF STRUCTUR	1746 13TH	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2138, 0.405, North
AA100	WILLOW PARK	1368 WILLOW STREET	ENVIROSTOR, VCP, HAZNET	Lower	2158, 0.409, NNE
AB101	SMILO CHEMICAL COMPA	500 KIRKHAM STREET	ENVIROSTOR, LUST, Alameda County CS, VCP, HIST...	Lower	2202, 0.417, ESE
AB102	SMILO CHEM CO INC	500 KIRKHAM ST	SEMS-ARCHIVE, RCRA-SQG, FINDS, ECHO	Lower	2202, 0.417, ESE
X103	SOUTHERN PACIFIC TRA	0 5TH AVE & KIRKHAM	LUST, Alameda County CS, CERS	Lower	2203, 0.417, ESE
AA104	WILLOW PARK	14TH AND WILLOW ST W	US BROWNFIELDS, FINDS	Lower	2257, 0.427, NNE
105	MANDELA TRUCKING	1225 MANDELA PARKWAY	LUST, Alameda County CS, HIST CORTESE	Higher	2268, 0.430, ENE
106	STATION HOUSE SOUTH	WOOD STREET	CPS-SLIC	Lower	2365, 0.448, North
AC107	SOUTHERN PACIFIC TRA	1399 WOOD ST	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2368, 0.448, North
AC108	CENTRAL STATION LAND	1399-1707 WOOD STREE	CPS-SLIC	Lower	2368, 0.448, North
AB109	CONTAINER FREIGHT	1285 5TH ST	ENVIROSTOR, LUST, Alameda County CS, VCP, HIST...	Lower	2408, 0.456, ESE
110	NEW OAKLAND FIRE STA	CENTER AND 14TH STRE	ENVIROSTOR, VCP	Higher	2422, 0.459, NE
111	14TH STREET APARTMEN	1801 14TH STREET	CPS-SLIC, DEED, CERS	Lower	2459, 0.466, North
112	OAKLAND ARMY BASE-EA	700 MURMANSK STREET,	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED	Lower	2485, 0.471, NW
AD113	COCA COLA	1340 MANDELA	LUST, Alameda County CS, CERS	Higher	2569, 0.487, ENE
AD114	COCA COLA	1340 CYPRESS	HIST CORTESE	Higher	2606, 0.494, ENE
AE115	UNION PACIFIC RAILRO	CROSS 5TH & UNION	CPS-SLIC, NON-CASE INFO	Lower	2639, 0.500, ESE

MAPPED SITES SUMMARY

Target Property Address:
715 CAMPBELL
OAKLAND, CA 94607

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
116	BASF CORPORATION	1545 WILLOW STREET	ENVIROSTOR, LUST, Alameda County CS, HIST UST,...	Lower	2694, 0.510, NNE
AE117	CONDON FREIGHT	324 UNION ST	ENVIROSTOR, LUST, Alameda County CS, VCP, SWEEPS...	Lower	2714, 0.514, ESE
118	AMTRAK MAINTENANCE F	3RD & UNION STREETS	ENVIROSTOR, VCP, DEED	Lower	2761, 0.523, SE
119	PALM COURT	902 UNION STREET	ENVIROSTOR, VCP	Higher	2761, 0.523, East
120	MANNYSERVICES/MCKINN	1600 PERALTA	ENVIROSTOR	Lower	2933, 0.555, NE
121	1614 CAMPBELL ST	1614 CAMPBELL ST	RCRA-LQG, ENVIROSTOR, Alameda County CS, VCP,...	Lower	2947, 0.558, NE
AF122	AUTO CHLOR PROJ	1350 14TH ST	ENVIROSTOR, CIWQS	Higher	2984, 0.565, ENE
123	ACME GALVANIZING	1655 17TH	ENVIROSTOR, CPS-SLIC, Alameda County CS, CERS	Lower	3030, 0.574, NNE
AF124	CARNATION DAIRIES	1310 14TH STREET/131	RESPONSE, ENVIROSTOR, CERS	Higher	3030, 0.574, ENE
125	WESTERN PACIFIC RAIL	UNION STREET	ENVIROSTOR, VCP, DEED	Lower	3113, 0.590, ESE
AG126	NABISCO BRANDS INC	1267 14TH ST	ENVIROSTOR, LUST, Alameda County CS, HIST CORTESE,...	Higher	3130, 0.593, ENE
AG127	NABISCO BRANDS, INC.	1267 14TH STREET	Notify 65	Higher	3130, 0.593, ENE
128	WEST RECYCLER BIN ST	1405 WOOD STREET	ENVIROSTOR	Lower	3139, 0.595, NNE
129	SHEREX CHEM CO	1401 MIDDLE HARBOR R	SEMS-ARCHIVE, ENVIROSTOR, CPS-SLIC, SWEEPS UST,...	Lower	3295, 0.624, South
130	COMMAIR MECHANICAL S	1266 14TH STREET	ENVIROSTOR	Higher	3308, 0.627, ENE
AH131	MARK ABOUDI PROPERTY	1639 18TH STREET	ENVIROSTOR, VCP, DEED, HAZNET	Lower	3325, 0.630, NE
AH132	ALTA PLATING & CHEMI	1433 18TH STREET	ENVIROSTOR	Lower	3393, 0.643, NE
133	OAKLAND ARMY BASE	2475-D WEST 12TH STR	RESPONSE, ENVIROSTOR, HIST Cal-Sites, CERS	Lower	3401, 0.644, NW
AI134	SP, W.OAKLAND YD.-(O	1707 WOOD STREET	Toxic Pits	Lower	3549, 0.672, NNE
AI135	SP, W.OAKLAND YARD-(1707 WOOD STREET	Toxic Pits	Lower	3549, 0.672, NNE
AI136	SOUTHERN PACIFIC TRA	1707 WOOD ST	RESPONSE, ENVIROSTOR, CPS-SLIC, FTTS, HIST FTTS,...	Lower	3549, 0.672, NNE
AI137	SOUTHERN PACIFIC TRA	1707 WOOD STREET	CA BOND EXP. PLAN	Lower	3549, 0.672, NNE
138	PORT OF OAKLAND	801 MARITIME STREET	LUST, Alameda County CS, HIST CORTESE, Notify 65,...	Lower	3765, 0.713, WNW
139	PORT OF OAKLAND YUSE	1195 MARITIME ST	LUST, Alameda County CS, Notify 65, CERS	Lower	3788, 0.717, NW
140	PORT OF OAKLAND - FO	MARITIME STREET AND	RESPONSE, ENVIROSTOR, DEED	Lower	3854, 0.730, NW
AJ141	MARBLE TECHNICS WEST	1035 7TH STREET	ENVIROSTOR, LUST, Alameda County CS, VCP, HIST...	Higher	4103, 0.777, ESE
AJ142	CHANG'S AUTOMOTIVE	1009 7TH STREET	ENVIROSTOR, VCP, HAZNET	Higher	4205, 0.796, ESE
143	EAST BAY FORD TRUCK	333 FIBERT ST	RCRA-SQG, LUST, CPS-SLIC, Alameda County CS,...	Higher	4325, 0.819, ESE
144	PACIFIC MARINE MAINT	1425 MARITIME STREET	EMI, Notify 65	Lower	4423, 0.838, NNW
145	BUILDING 331 EAST	7 MERRITIME	Notify 65	Lower	4470, 0.847, North
146	MICRONESIAN CARGO IN	955 7TH STREET	ENVIROSTOR, VCP, HAZNET	Higher	4518, 0.856, ESE
AK147	MANDELA PARKWAY CORR	MANDELA PARKWAY BETW	ENVIROSTOR, VCP	Lower	4567, 0.865, NE
AK148	MANDELA GRAND	MANDELA PARKWAY AND	ENVIROSTOR, VCP	Lower	4617, 0.874, NE
149	FLEET INDUSTRIAL SUP	531 ACRES; EASTERN S	RESPONSE, ENVIROSTOR, HIST Cal-Sites	Lower	4719, 0.894, WSW
AL150	BNSF WOOD STREET YAR	WOOD STREET & WEST G	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED	Lower	4785, 0.906, NNE
AL151	LDS TRUCKING	2233 WOOD STREET	ENVIROSTOR, VCP	Lower	4827, 0.914, NNE
AL152	ARMY-NAVY DISTRIBUTI	2233 WOOD STREET	ENVIROSTOR	Lower	4855, 0.920, NNE
153	COMMERCIAL BUILDINGS	1250-1276, 1284 W. G	RESPONSE, ENVIROSTOR, HIST Cal-Sites, Cortese,...	Lower	5093, 0.965, NE
AM154	ROBERTS TIRES	4333 MCARTHUR BOULEV	SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, US INST...	Higher	5099, 0.966, ESE

MAPPED SITES SUMMARY

Target Property Address:
 715 CAMPBELL
 OAKLAND, CA 94607

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AM155	SAFETY-KLEEN CORP. 7	404 MARKET ST	SWEEPS UST, HIST UST, CA FID UST, Financial...	Higher	5099, 0.966, ESE
AM156	SAFETY-KLEEN OAKLAND	400 MARKET ST	ENVIROSTOR, DEED, CHMIRS, WDS, CERS	Higher	5099, 0.966, ESE
157	TRANS BAY CONTAINER	2500 7TH STREET	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED,...	Lower	5210, 0.987, West
158	ARMY-NAVY DISTRIBUTI		FUDS	Lower	5264, 0.997, NNE

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

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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 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

EXECUTIVE SUMMARY

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS..... Environmental Liens Listing

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

CHMIRS..... California Hazardous Material Incident Report System

LDS..... Land Disposal Sites Listing

MCS..... Military Cleanup Sites Listing

SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS..... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems

ROD..... Records Of Decision

RMP..... Risk Management Plans

RAATS..... RCRA Administrative Action Tracking System

EXECUTIVE SUMMARY

PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
CERS.....	CERS
WIP.....	Well Investigation Program Case List
CIWQS.....	California Integrated Water Quality System
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
UIC GEO.....	UIC GEO (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

A review of the NPL list, as provided by EDR, and dated 11/14/2018 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AMCO CHEMICAL</i> Cerclis ID:: 905334 EPA Id: CA0001576081	<i>1414 THIRD STREET</i>	<i>SE 1/4 - 1/2 (0.299 mi.)</i>	<i>0</i>	<i>8</i>

Federal CERCLIS list

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

A review of the SEMS list, as provided by EDR, and dated 11/14/2018 has revealed that there are 2

EXECUTIVE SUMMARY

SEMS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMCO CHEMICAL Site ID: 0905334 EPA Id: CA0001576081	1414 THIRD STREET	SE 1/4 - 1/2 (0.299 mi.)	0	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEST OAKLAND LEAD Site ID: 0908776 EPA Id: CAN000908776	1414 3RD STREET	SE 1/4 - 1/2 (0.354 mi.)	S87	311

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 11/14/2018 has revealed that there are 5 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT AT 530-542 LEWIS Site ID: 0905369 EPA Id: CA0002059467	530-542 LEWIS STREET	SE 0 - 1/8 (0.102 mi.)	C25	151
BATAVIA PROPERTY Site ID: 0905364 EPA Id: CA0002059400	1832 9TH STREET	NNW 1/4 - 1/2 (0.268 mi.)	M56	214
GAINES PROPERTY CALIFORNIA SODA COMP Site ID: 0905381 EPA Id: CAD009122409	1795 11TH STREET 355 MANDELA PARKWAY	NNW 1/4 - 1/2 (0.311 mi.) SE 1/4 - 1/2 (0.350 mi.)	Q65 U82	250 297
SMILO CHEM CO INC Site ID: 0901286 EPA Id: CAD029247319	500 KIRKHAM ST	ESE 1/4 - 1/2 (0.417 mi.)	AB102	350

EXECUTIVE SUMMARY

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 03/01/2018 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROBERTS TIRES EPA ID:: CAD053044053	4333 MCARTHUR BOULEV	ESE 1/2 - 1 (0.966 mi.)	AM154	548

State- and tribal - equivalent NPL

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 14 RESPONSE sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARNATION DAIRIES Database: RESPONSE, Date of Government Version: 10/29/2018 Status: Refer: Other Agency Facility Id: 60000370	1310 14TH STREET/131	ENE 1/2 - 1 (0.574 mi.)	AF124	424

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
528 LEWIS STREET Database: RESPONSE, Date of Government Version: 10/29/2018 Status: Certified Facility Id: 1880002	528 LEWIS STREET	SE 0 - 1/8 (0.105 mi.)	C27	158
SOUTHERN PACIFIC -WE AWP Facility Id: 01400010 Status: Certified / Operation & Maintenance Facility Id: 1400010	CYPRESS CORRIDOR	S 1/8 - 1/4 (0.234 mi.)	F40	181
VACANT AUTO REPAIR Database: RESPONSE, Date of Government Version: 10/29/2018 Status: No Further Action Facility Id: 1750020	SHOREY STREET	WNW 1/8 - 1/4 (0.243 mi.)	G43	193
MODESTO BEE Database: RESPONSE, Date of Government Version: 10/29/2018 Status: Certified Facility Id: 1750030	1795 11TH ST	NNW 1/4 - 1/2 (0.311 mi.)	Q66	256
SF BAY AREA RAPID TR Database: RESPONSE, Date of Government Version: 10/29/2018 Status: Certified Facility Id: 1750021	349 MANDELA PKWY	SE 1/4 - 1/2 (0.353 mi.)	U86	306
OAKLAND ARMY BASE-EA	700 MURMANSK STREET,	NW 1/4 - 1/2 (0.471 mi.)	112	382

EXECUTIVE SUMMARY

Facility Id: 1390001				
Status: Active				
NEW OAKLAND FIRE STA	CENTER AND 14TH STRE	NE 1/4 - 1/2 (0.459 mi.)	110	379
Facility Id: 1920063				
Status: Certified				
PALM COURT	902 UNION STREET	E 1/2 - 1 (0.523 mi.)	119	408
Facility Id: 1990027				
Status: No Further Action				
AUTO CHLOR PROJ	1350 14TH ST	ENE 1/2 - 1 (0.565 mi.)	AF122	421
Facility Id: 60002513				
Status: Active				
CARNATION DAIRIES	1310 14TH STREET/131	ENE 1/2 - 1 (0.574 mi.)	AF124	424
Facility Id: 60000370				
Status: Refer: Other Agency				
NABISCO BRANDS INC	1267 14TH ST	ENE 1/2 - 1 (0.593 mi.)	AG126	429
Facility Id: 60000369				
Status: No Further Action				
COMMAIR MECHANICAL S	1266 14TH STREET	ENE 1/2 - 1 (0.627 mi.)	130	439
Facility Id: 60000366				
Status: No Action Required				
MARBLE TECHNICS WEST	1035 7TH STREET	ESE 1/2 - 1 (0.777 mi.)	AJ141	482
Facility Id: 1990012				
Status: Certified				
CHANG'S AUTOMOTIVE	1009 7TH STREET	ESE 1/2 - 1 (0.796 mi.)	AJ142	492
Facility Id: 1750019				
Status: Certified				
MICRONESIAN CARGO IN	955 7TH STREET	ESE 1/2 - 1 (0.856 mi.)	146	511
Facility Id: 1420129				
Status: No Further Action				
SAFETY-KLEEN OAKLAND	400 MARKET ST	ESE 1/2 - 1 (0.966 mi.)	AM156	652
Facility Id: 80001412				
Status: Active				
Lower Elevation	Address	Direction / Distance	Map ID	Page
OAKLAND MAIN POST OF	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A13	133
Facility Id: 1430001				
Status: Certified				
528 LEWIS STREET	528 LEWIS STREET	SE 0 - 1/8 (0.105 mi.)	C27	158
Facility Id: 1880002				
Status: Certified				
CHURCH'S FRIED CHICK	1766 7TH STREET	WNW 1/8 - 1/4 (0.146 mi.)	E32	164
Facility Id: 1540002				
Status: Certified				
SMITH'S WRECKING YAR	1600 3RD STREET	S 1/8 - 1/4 (0.202 mi.)	F34	170
Facility Id: 1990014				
Status: Certified				
CALTRANS	727 PINE ST	WNW 1/8 - 1/4 (0.223 mi.)	H38	174
Facility Id: 1920064				
Status: Certified				
SOUTHERN PACIFIC -WE	CYPRESS CORRIDOR	S 1/8 - 1/4 (0.234 mi.)	F40	181

EXECUTIVE SUMMARY

Facility Id: 1400010				
Status: Certified / Operation & Maintenance				
WEST OAKLAND BART ST	1451 7TH STREET	ESE 1/8 - 1/4 (0.238 mi.)	I41	189
Facility Id: 70000133				
Status: Refer: Local Agency				
VACANT AUTO REPAIR	SHOREY STREET	WNW 1/8 - 1/4 (0.243 mi.)	G43	193
Facility Id: 1750020				
Status: No Further Action				
SO. PRESCOTT NEIGHBO	3RD STREET	SSE 1/8 - 1/4 (0.246 mi.)	J46	196
Facility Id: 1990019				
Status: Certified				
CYPRESS FREEWAY-3RD	3RD STREET BETWEEN C	S 1/8 - 1/4 (0.248 mi.)	J47	198
Facility Id: 1400012				
Status: Certified				
WILFRED'S AUTO WRECK	1834 7TH STREET	WNW 1/4 - 1/2 (0.251 mi.)	H48	200
Facility Id: 1500105				
Status: Certified				
1536 THIRD STREET	1536 THIRD STREET	SSE 1/4 - 1/2 (0.258 mi.)	J49	202
Facility Id: 1880003				
Status: Refer: Other Agency				
B & A AUTO DISMANTLE	1823 SHOREY STREET	WNW 1/4 - 1/2 (0.259 mi.)	50	203
Facility Id: 1500106				
Status: Certified				
DEPT OF TRANSPORTATI	800 CEDAR ST	NW 1/4 - 1/2 (0.262 mi.)	K53	208
Facility Id: 1330037				
Status: Inactive - Needs Evaluation				
RADOMSKY PROPERTY	930 PINE STREET	NNW 1/4 - 1/2 (0.264 mi.)	L54	210
Facility Id: 1880001				
Status: No Action Required				
JENKINS AUTO WRECKER	1778 10TH STREET	NNW 1/4 - 1/2 (0.267 mi.)	L55	211
Facility Id: 1750025				
Status: Inactive - Needs Evaluation				
SOUTHERN PACIFIC 3RD	1509/1513 THIRD STRE	SSE 1/4 - 1/2 (0.275 mi.)	J58	238
Facility Id: 1400013				
Status: Certified				
PHOENIX 524 PROPERTY	524 CEDAR STREET	W 1/4 - 1/2 (0.309 mi.)	O62	244
Facility Id: 1330038				
Status: Inactive - Needs Evaluation				
PHOENIX 766 PROPERTY	766 CEDAR STREET	WNW 1/4 - 1/2 (0.309 mi.)	P63	246
Facility Id: 1330036				
Status: Certified				
MODESTO BEE	1795 11TH ST	NNW 1/4 - 1/2 (0.311 mi.)	Q66	256
Facility Id: 1750030				
Status: Certified				
BATAVIA PROPERTY	1832 9TH STREET	NW 1/4 - 1/2 (0.315 mi.)	M67	258
Facility Id: 1990021				
Status: No Further Action				
CAL-EAST FOODS	505 CEDAR STREET	W 1/4 - 1/2 (0.320 mi.)	O69	262
Facility Id: 1510024				

EXECUTIVE SUMMARY

Status: Certified				
ALL WEATHER DOOR	1851 5TH ST	W 1/4 - 1/2 (0.320 mi.)	70	267
Facility Id: 1990013				
Status: Inactive - Needs Evaluation				
LIPS PROPELLERS	1899 7TH STREET	WNW 1/4 - 1/2 (0.336 mi.)	P77	284
Facility Id: 1350121				
Status: No Further Action				
BOBO'S JUNKYARD	1401 THIRD STREET	SE 1/4 - 1/2 (0.345 mi.)	S79	287
Facility Id: 1400003				
Status: Certified / Operation & Maintenance				
CALIFORNIA SODA COMP	355 MANDELA PARKWAY	SE 1/4 - 1/2 (0.350 mi.)	U83	298
Facility Id: 1280091				
Status: No Further Action				
SF BAY AREA RAPID TR	349 MANDELA PKWY	SE 1/4 - 1/2 (0.353 mi.)	U86	306
Facility Id: 1750021				
Status: Certified				
COLE BROTHERS AUTO W	1797 12TH STREET	N 1/4 - 1/2 (0.360 mi.)	W91	317
Facility Id: 60000365				
Status: No Action Required				
WILLOW PARK	1368 WILLOW STREET	NNE 1/4 - 1/2 (0.409 mi.)	AA100	342
Facility Id: 1990028				
Status: No Further Action				
SMILO CHEMICAL COMPA	500 KIRKHAM STREET	ESE 1/4 - 1/2 (0.417 mi.)	AB101	345
Facility Id: 1510022				
Status: Active				
CONTAINER FREIGHT	1285 5TH ST	ESE 1/4 - 1/2 (0.456 mi.)	AB109	375
Facility Id: 1420128				
Status: Inactive - Needs Evaluation				
OAKLAND ARMY BASE-EA	700 MURMANSK STREET,	NW 1/4 - 1/2 (0.471 mi.)	112	382
Facility Id: 1970016				
Status: Active				
BASF CORPORATION	1545 WILLOW STREET	NNE 1/2 - 1 (0.510 mi.)	116	397
Facility Id: 60000360				
Status: Refer: RWQCB				
CONDON FREIGHT	324 UNION ST	ESE 1/2 - 1 (0.514 mi.)	AE117	400
Facility Id: 1420126				
Status: No Further Action				
AMTRAK MAINTENANCE F	3RD & UNION STREETS	SE 1/2 - 1 (0.523 mi.)	118	406
Facility Id: 1400014				
Status: Certified / Operation & Maintenance				
MANNYSERVICES/MCKINN	1600 PERALTA	NE 1/2 - 1 (0.555 mi.)	120	410
Facility Id: 1750027				
Status: Refer: Other Agency				
1614 CAMPBELL ST	1614 CAMPBELL ST	NE 1/2 - 1 (0.558 mi.)	121	411
Facility Id: 70000082				
Status: Certified				
ACME GALVANIZING	1655 17TH	NNE 1/2 - 1 (0.574 mi.)	123	423
Facility Id: 60002571				
Status: Active				
WESTERN PACIFIC RAIL	UNION STREET	ESE 1/2 - 1 (0.590 mi.)	125	427

EXECUTIVE SUMMARY

Facility Id: 1400008				
Status: Certified / Operation & Maintenance				
WEST RECYCLER BIN ST	1405 WOOD STREET	NNE 1/2 - 1 (0.595 mi.)	128	432
Facility Id: 1890018				
Status: Refer: RWQCB				
SHEREX CHEM CO	1401 MIDDLE HARBOR R	S 1/2 - 1 (0.624 mi.)	129	433
Facility Id: 1730096				
Status: Refer: Local Agency				
MARK ABOUDI PROPERTY	1639 18TH STREET	NE 1/2 - 1 (0.630 mi.)	AH131	440
Facility Id: 1420131				
Status: Certified O&M - Land Use Restrictions Only				
ALTA PLATING & CHEMI	1433 18TH STREET	NE 1/2 - 1 (0.643 mi.)	AH132	443
Facility Id: 70000088				
Status: Inactive - Needs Evaluation				
OAKLAND ARMY BASE	2475-D WEST 12TH STR	NW 1/2 - 1 (0.644 mi.)	133	444
Facility Id: 1970006				
Status: Active				
SOUTHERN PACIFIC TRA	1707 WOOD ST	NNE 1/2 - 1 (0.672 mi.)	AI136	462
Facility Id: 1400001				
Status: Refer: RWQCB				
PORT OF OAKLAND - FO	MARITIME STREET AND	NW 1/2 - 1 (0.730 mi.)	140	471
Facility Id: 80001200				
Status: Certified O&M - Land Use Restrictions Only				
MANDELA PARKWAY CORR	MANDELA PARKWAY BETW	NE 1/2 - 1 (0.865 mi.)	AK147	513
Facility Id: 1410118				
Status: Certified				
MANDELA GRAND	MANDELA PARKWAY AND	NE 1/2 - 1 (0.874 mi.)	AK148	515
Facility Id: 60000433				
Status: Inactive - Needs Evaluation				
FLEET INDUSTRIAL SUP	531 ACRES; EASTERN S	WSW 1/2 - 1 (0.894 mi.)	149	517
Facility Id: 1420124				
Status: Certified O&M - Land Use Restrictions Only				
BNSF WOOD STREET YAR	WOOD STREET & WEST G	NNE 1/2 - 1 (0.906 mi.)	AL150	535
Facility Id: 1400017				
Status: Certified O&M - Land Use Restrictions Only				
LDS TRUCKING	2233 WOOD STREET	NNE 1/2 - 1 (0.914 mi.)	AL151	539
Facility Id: 1420127				
Status: Certified				
ARMY-NAVY DISTRIBUTI	2233 WOOD STREET	NNE 1/2 - 1 (0.920 mi.)	AL152	541
Facility Id: 80000374				
Status: No Further Action				
COMMERCIAL BUILDINGS	1250-1276, 1284 W. G	NE 1/2 - 1 (0.965 mi.)	153	542
Facility Id: 1720110				
Status: Active				
TRANS BAY CONTAINER	2500 7TH STREET	W 1/2 - 1 (0.987 mi.)	157	677
Facility Id: 1280092				
Status: Certified / Operation & Maintenance				

EXECUTIVE SUMMARY

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

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CA WASTE SOLUTIONS 1 Database: SWF/LF (SWIS), Date of Government Version: 11/12/2018 Facility ID: 01-AA-0329 Operational Status: Active Regulation Status: Notification	1820 10TH STREET (PA	NNW 1/4 - 1/2 (0.324 mi.)	R73	275
CALIFORNIA WASTE SOL Database: SWF/LF (SWIS), Date of Government Version: 11/12/2018 Facility ID: 01-AA-0324 Operational Status: Active Regulation Status: Permitted	1820 10TH ST.	NNW 1/4 - 1/2 (0.324 mi.)	R74	276

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, has revealed that there are 27 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RELIABLE HANDI CAB Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1234 Facility Status: Case Closed Global Id: T0600101133 date9: 6/14/1995	1520 7TH ST	ESE 1/8 - 1/4 (0.172 mi.)	33	168
CHEVRON #20-6145 / S Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Open - Verification Monitoring Facility Id: 01-2421 Facility Status: Preliminary site assessment underway Global Id: T0600102230	800 CENTER ST	E 1/4 - 1/2 (0.273 mi.)	57	215
KELLY'S TRUCK REPAIR Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed	1390 7TH ST	ESE 1/4 - 1/2 (0.339 mi.)	N78	285

EXECUTIVE SUMMARY

Status: Open - Site Assessment

Facility Id: 01-2420

Facility Status: Preliminary site assessment workplan submitted

Global Id: T0600102229

SPT CO LOCO FUEL PLA	UNKNOWN PINE ST FOOT	W 1/8 - 1/4 (0.245 mi.)	44	195
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Facility Id: 01-2426				
Facility Status: Preliminary site assessment underway				
SOUTHERN PACIFIC TRA	721 CEDAR ST	W 1/4 - 1/2 (0.309 mi.)	P64	248
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-1411				
Facility Status: Case Closed				
Global Id: T0600101303				
date9: 8/5/1996				
CAL-EAST FOODS	505 CEDAR STREET	W 1/4 - 1/2 (0.320 mi.)	O69	262
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-0214				
Facility Status: Leak being confirmed				
Global Id: T0600100200				
ALL WEATHER DOOR	1851 5TH ST	W 1/4 - 1/2 (0.320 mi.)	70	267
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Open - Site Assessment				
Facility Id: 01-1713				
Facility Status: Preliminary site assessment underway				
Global Id: T0600101584				
W.O. RIP TRACK	515 BAY ST	WNW 1/4 - 1/2 (0.326 mi.)	P76	277
Database: LUST, Date of Government Version: 09/10/2018				
Status: Open - Site Assessment				
Global Id: T0600101306				
CHEVRON	1395 7TH ST	ESE 1/4 - 1/2 (0.349 mi.)	T80	289
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Facility Id: 01-0323				
Facility Status: Preliminary site assessment underway				
TRUCKER'S FRIEND	1395 7TH	ESE 1/4 - 1/2 (0.349 mi.)	T81	289
Database: LUST, Date of Government Version: 09/10/2018				
Status: Open - Assessment & Interim Remedial Action				
Global Id: T0600100296				
BOHELLI WINDOWS	1111 PINE ST	NNW 1/4 - 1/2 (0.352 mi.)	Q84	301
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-1824				
Facility Status: Case Closed				
Global Id: T0600101690				
date9: 5/13/1998				
DC METALS / AMCO CHE	1414 3RD ST	SE 1/4 - 1/2 (0.354 mi.)	S88	312
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				

EXECUTIVE SUMMARY

Status: Open - Site Assessment
 Facility Id: 01-2396
 Facility Status: Preliminary site assessment underway
 Global Id: T0600102206

SOUTHERN PACIFIC TRA	1912 7TH	WNW 1/4 - 1/2 (0.359 mi.)	V89	315
Database: LUST, Date of Government Version: 09/10/2018				
Status: Completed - Case Closed				
Global Id: T0600101295				
SOUTHERN PACIFIC TRA	1912 7TH ST	WNW 1/4 - 1/2 (0.359 mi.)	V90	317
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Facility Id: 01-1401				
Facility Status: Case Closed				
date9: 5/14/1997				
TAYLOR ROOF STRUCTUR	1746 13TH	N 1/4 - 1/2 (0.405 mi.)	Y99	340
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-1449				
Facility Status: Case Closed				
Global Id: T0600101338				
date9: 12/7/1995				
SMILO CHEMICAL COMPA	500 KIRKHAM STREET	ESE 1/4 - 1/2 (0.417 mi.)	AB101	345
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Open - Site Assessment				
Facility Id: 01-2433				
Facility Status: Leak being confirmed				
Global Id: T0600102242				
SOUTHERN PACIFIC TRA	0 5TH AVE & KIRKHAM	ESE 1/4 - 1/2 (0.417 mi.)	X103	353
Database: LUST, Date of Government Version: 09/10/2018				
Status: Completed - Case Closed				
Global Id: T0600101304				
SOUTHERN PACIFIC TRA	1399 WOOD ST	N 1/4 - 1/2 (0.448 mi.)	AC107	371
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-1408				
Facility Status: Pollution Characterization				
Global Id: T0600101301				
CONTAINER FREIGHT	1285 5TH ST	ESE 1/4 - 1/2 (0.456 mi.)	AB109	375
Database: LUST, Date of Government Version: 09/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Open - Remediation				
Facility Id: 01-2399				
Facility Status: Leak being confirmed				
Global Id: T0600102209				

EXECUTIVE SUMMARY

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

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 16 CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON #20-6145 / S Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Open - Active Global Id: T10000011146	800 CENTER ST	E 1/4 - 1/2 (0.273 mi.)	57	215
MANDELA GATEWAY REDE Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Global Id: T06019796839	0 7TH ST & MANDELA P	ESE 1/4 - 1/2 (0.294 mi.)	N59	240
EBMUD - CYPRESS RECO Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Open - Inactive Global Id: T10000006296	CYPRESS STREET	ESE 1/4 - 1/2 (0.321 mi.)	N71	272
1125 MANDELA REUSE Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Global Id: T10000007322	1125 MANDELA PKWY	ENE 1/4 - 1/2 (0.393 mi.)	Z96	331
1125 MANDELA PKWY Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Open - Active Global Id: T10000011421	1125 MANDELA	ENE 1/4 - 1/2 (0.393 mi.)	Z97	332
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND MAIN POST OF Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Open - Inactive Global Id: T10000001615	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A13	133
THE PHOENIX Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Open - Site Assessment Global Id: T10000011072	801 PINE STREET	WNW 1/8 - 1/4 (0.218 mi.)	G36	172
CYPRESS FREEWAY RECO Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: SL20239857	I-80/I-580/I-980	SSW 1/8 - 1/4 (0.246 mi.)	45	196
HALL PROPERTY Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Global Id: T06019778849	1455 5TH	SE 1/4 - 1/2 (0.259 mi.)	51	204
GLOBE METALS Database: SLIC REG 2, Date of Government Version: 09/30/2004 Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Facility Id: 01S0363	1820 10TH ST	NNW 1/4 - 1/2 (0.324 mi.)	R72	273

EXECUTIVE SUMMARY

Global Id: T0600191528				
PACIFIC CANNERY LOFT	1111-1199 PINE STREE	NNW 1/4 - 1/2 (0.352 mi.)	Q85	305
Database: CPS-SLIC, Date of Government Version: 09/10/2018				
Facility Status: Completed - Case Closed				
Global Id: SL0600111446				
RED STAR YEAST / 139	1396 5TH ST	ESE 1/4 - 1/2 (0.374 mi.)	X92	318
Database: CPS-SLIC, Date of Government Version: 09/10/2018				
Facility Status: Completed - Case Closed				
Global Id: T06019794669				
STATION HOUSE SOUTH	WOOD STREET	N 1/4 - 1/2 (0.448 mi.)	106	370
Database: CPS-SLIC, Date of Government Version: 09/10/2018				
Facility Status: Open - Remediation				
Global Id: T10000007678				
CENTRAL STATION LAND	1399-1707 WOOD STREE	N 1/4 - 1/2 (0.448 mi.)	AC108	374
Database: SLIC REG 2, Date of Government Version: 09/30/2004				
Facility Id: SLT2O195298				
14TH STREET APARTMEN	1801 14TH STREET	N 1/4 - 1/2 (0.466 mi.)	111	381
Database: CPS-SLIC, Date of Government Version: 09/10/2018				
Facility Status: Completed - Case Closed				
Global Id: SL0600197637				
UNION PACIFIC RAILRO	CROSS 5TH & UNION	ESE 1/4 - 1/2 (0.500 mi.)	AE115	396
Database: SLIC REG 2, Date of Government Version: 09/30/2004				
Facility Id: SL20246864				

Alameda County CS: 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).

A review of the Alameda County CS list, as provided by EDR, and dated 10/05/2018 has revealed that there are 32 Alameda County CS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RELIABLE HANDI CAB Record Id: RO0001137 Status: Case Closed	1520 7TH ST	ESE 1/8 - 1/4 (0.172 mi.)	33	168
CHEVRON #20-6145 / S Record Id: RO0000454 Record Id: RO0003272 Status: Leak Confirmation Status: Pollution Characterization	800 CENTER ST	E 1/4 - 1/2 (0.273 mi.)	57	215
MANDELA GATEWAY REDE Record Id: RO0002517 Status: Preliminary Site Assessment Underway Status: Pollution Characterization Status: Remediation Plan Status: Remedial Action Underway Status: Case Closed	0 7TH ST & MANDELA P	ESE 1/4 - 1/2 (0.294 mi.)	N59	240
KELLY'S TRUCK REPAIR Record Id: RO0001071 Status: Case Closed	1390 7TH ST	ESE 1/4 - 1/2 (0.339 mi.)	N78	285
ARMORED TRANSPORT	1333 8TH ST	E 1/4 - 1/2 (0.379 mi.)	93	322

EXECUTIVE SUMMARY

Record Id: RO0000627				
Status: Case Closed				
1125 MANDELA REUSE	1125 MANDELA PKWY	ENE 1/4 - 1/2 (0.393 mi.)	Z96	331
Record Id: RO0003184				
Status: Pollution Characterization				
1125 MANDELA PKWY	1125 MANDELA	ENE 1/4 - 1/2 (0.393 mi.)	Z97	332
Record Id: RO0003298				
Status: Leak Confirmation				
THOMPSON PROPERTY	1409-1417 12TH STREE	ENE 1/4 - 1/2 (0.396 mi.)	Z98	333
Record Id: RO0002933				
Status: Leak Confirmation				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				
Status: Case Closed				
MANDELA TRUCKING	1225 MANDELA PARKWAY	ENE 1/4 - 1/2 (0.430 mi.)	105	362
Record Id: RO0000041				
Status: Leak Confirmation				
Status: Pollution Characterization				
COCA COLA	1340 MANDELA	ENE 1/4 - 1/2 (0.487 mi.)	AD113	394
Record Id: RO0001205				
Status: Case Closed				
Lower Elevation	Address	Direction / Distance	Map ID	Page
OAKLAND MAIN POST OF	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A13	133
Record Id: RO0003012				
Record Id: RO0000016				
Status: Leak Confirmation				
Status: Pollution Characterization				
Status: Case Closed				
GOSSWOOD HOUSING ASS	1751 GOSS ST	WNW 1/8 - 1/4 (0.145 mi.)	E31	162
Record Id: RO0000795				
Status: Case Closed				
CHURCH'S FRIED CHICK	1766 7TH STREET	WNW 1/8 - 1/4 (0.146 mi.)	E32	164
Record Id: RO0002843				
Status: Leak Confirmation				
THE PHOENIX	800 PINE ST	NW 1/8 - 1/4 (0.206 mi.)	G35	172
Record Id: RO0003269				
Status: Leak Confirmation				
PHOENIX IRON WKS.	888 CEDAR ST	WNW 1/8 - 1/4 (0.230 mi.)	H39	177
Record Id: RO0000417				
Status: Leak Confirmation				
Status: Pollution Characterization				
HALL PROPERTY	1455 5TH	SE 1/4 - 1/2 (0.259 mi.)	51	204
Record Id: RO0002537				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				
Status: Remedial Action Underway				
Status: Case Closed				
SOUTHERN PACIFIC TRA	721 CEDAR ST	W 1/4 - 1/2 (0.309 mi.)	P64	248
Record Id: RO0000754				

EXECUTIVE SUMMARY

Status: Case Closed				
CAL-EAST FOODS	505 CEDAR STREET	W 1/4 - 1/2 (0.320 mi.)	O69	262
Record Id: RO0000306				
Status: Leak Confirmation				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				
Status: Verificaiton Monitoring Underway				
ALL WEATHER DOOR	1851 5TH ST	W 1/4 - 1/2 (0.320 mi.)	70	267
Record Id: RO0000192				
Status: Leak Confirmation				
Status: Preliminary Site Assessment Underway				
GLOBE METALS	1820 10TH ST	NNW 1/4 - 1/2 (0.324 mi.)	R72	273
Record Id: RO0003019				
Status: Leak Confirmation				
Status: Pollution Characterization				
W.O. RIP TRACK	515 BAY ST	WNW 1/4 - 1/2 (0.326 mi.)	P76	277
Record Id: RO0003030				
Status: Leak Confirmation				
TRUCKER'S FRIEND	1395 7TH	ESE 1/4 - 1/2 (0.349 mi.)	T81	289
Record Id: RO0000053				
Status: Preliminary Site Assessment Workplan Submitted				
BOHELLI WINDOWS	1111 PINE ST	NNW 1/4 - 1/2 (0.352 mi.)	Q84	301
Record Id: RO0000789				
Status: Case Closed				
DC METALS / AMCO CHE	1414 3RD ST	SE 1/4 - 1/2 (0.354 mi.)	S88	312
Record Id: RO0000444				
Status: Leak Confirmation				
SOUTHERN PACIFIC TRA	1912 7TH	WNW 1/4 - 1/2 (0.359 mi.)	V89	315
Record Id: RO0001127				
Status: Case Closed				
RED STAR YEAST / 139	1396 5TH ST	ESE 1/4 - 1/2 (0.374 mi.)	X92	318
Record Id: RO0002896				
Status: Pollution Characterization				
Status: Case Closed				
UNION PACIFIC RAILRO	0 PINE ST	N 1/4 - 1/2 (0.381 mi.)	W94	330
Record Id: RO0000931				
TAYLOR ROOF STRUCTUR	1746 13TH	N 1/4 - 1/2 (0.405 mi.)	Y99	340
Record Id: RO0001156				
Status: Case Closed				
SMILO CHEMICAL COMPA	500 KIRKHAM STREET	ESE 1/4 - 1/2 (0.417 mi.)	AB101	345
Record Id: RO0000421				
Status: Leak Confirmation				
Status: Pollution Characterization				
SOUTHERN PACIFIC TRA	0 5TH AVE & KIRKHAM	ESE 1/4 - 1/2 (0.417 mi.)	X103	353
Record Id: RO0000122				
Status: Leak Confirmation				
Status: Pollution Characterization				
SOUTHERN PACIFIC TRA	1399 WOOD ST	N 1/4 - 1/2 (0.448 mi.)	AC107	371
Record Id: RO0000476				
Status: Leak Confirmation				

EXECUTIVE SUMMARY

Status: Preliminary Site Assessment Workplan Submitted

Status: Preliminary Site Assessment Underway

Status: Verificaiton Monitoring Underway

CONTAINER FREIGHT	1285 5TH ST	ESE 1/4 - 1/2 (0.456 mi.)	AB109	375
Record Id: RO0000420				
Status: Leak Confirmation				
Status: Pollution Characterization				
Status: Remedial Action Underway				

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USPS - OAKLAND VMF	1675 7TH ST	SW 0 - 1/8 (0.024 mi.)	A6	25
Database: UST, Date of Government Version: 09/10/2018				
Database: ALAMEDA CO. UST, Date of Government Version: 10/05/2018				
Facility Id: FA0321461				
Facility Id: 122				
Facility Status: 01				

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

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAIN POST OFFICE	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A12	131
Database: AST, Date of Government Version: 07/06/2016				

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 10/29/2018 has revealed that there are 20 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW OAKLAND FIRE STA	CENTER AND 14TH STRE	NE 1/4 - 1/2 (0.459 mi.)	110	379

EXECUTIVE SUMMARY

Status: Certified
Facility Id: 1920063

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND MAIN POST OF Status: Certified Facility Id: 1430001	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A13	133
CHURCH'S FRIED CHICK Status: Certified Facility Id: 1540002	1766 7TH STREET	WNW 1/8 - 1/4 (0.146 mi.)	E32	164
SMITH'S WRECKING YAR Status: Certified Facility Id: 1990014	1600 3RD STREET	S 1/8 - 1/4 (0.202 mi.)	F34	170
CALTRANS Status: Certified Facility Id: 1920064	727 PINE ST	WNW 1/8 - 1/4 (0.223 mi.)	H38	174
SO. PRESCOTT NEIGHBO Status: Certified Facility Id: 1990019	3RD STREET	SSE 1/8 - 1/4 (0.246 mi.)	J46	196
CYPRESS FREEWAY-3RD Status: Certified Facility Id: 1400012	3RD STREET BETWEEN C	S 1/8 - 1/4 (0.248 mi.)	J47	198
WILFRED'S AUTO WRECK Status: Certified Facility Id: 1500105	1834 7TH STREET	WNW 1/4 - 1/2 (0.251 mi.)	H48	200
B & A AUTO DISMANTLE Status: Certified Facility Id: 1500106	1823 SHOREY STREET	WNW 1/4 - 1/2 (0.259 mi.)	50	203
DEPT OF TRANSPORTATI Status: Inactive - Needs Evaluation Facility Id: 1330037	800 CEDAR ST	NW 1/4 - 1/2 (0.262 mi.)	K53	208
SOUTHERN PACIFIC 3RD Status: Certified Facility Id: 1400013	1509/1513 THIRD STRE	SSE 1/4 - 1/2 (0.275 mi.)	J58	238
PHOENIX 524 PROPERTY Status: Inactive - Needs Evaluation Facility Id: 1330038	524 CEDAR STREET	W 1/4 - 1/2 (0.309 mi.)	O62	244
PHOENIX 766 PROPERTY Status: Certified Facility Id: 1330036	766 CEDAR STREET	WNW 1/4 - 1/2 (0.309 mi.)	P63	246
CAL-EAST FOODS Status: Certified Facility Id: 1510024	505 CEDAR STREET	W 1/4 - 1/2 (0.320 mi.)	O69	262
ALL WEATHER DOOR Status: Inactive - Needs Evaluation Facility Id: 1990013	1851 5TH ST	W 1/4 - 1/2 (0.320 mi.)	70	267
LIPS PROPELLERS Status: No Further Action Facility Id: 1350121	1899 7TH STREET	WNW 1/4 - 1/2 (0.336 mi.)	P77	284
BOBO'S JUNKYARD	1401 THIRD STREET	SE 1/4 - 1/2 (0.345 mi.)	S79	287

EXECUTIVE SUMMARY

Status: Certified / Operation & Maintenance
Facility Id: 1400003

WILLOW PARK Status: No Further Action Facility Id: 1990028	1368 WILLOW STREET	NNE 1/4 - 1/2 (0.409 mi.)	AA100	342
SMILO CHEMICAL COMPA Status: Active Facility Id: 1510022	500 KIRKHAM STREET	ESE 1/4 - 1/2 (0.417 mi.)	AB101	345
CONTAINER FREIGHT Status: Inactive - Needs Evaluation Facility Id: 1420128	1285 5TH ST	ESE 1/4 - 1/2 (0.456 mi.)	AB109	375

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 09/18/2018 has revealed that there are 5 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEST OAKLAND AREA I ACRES property ID: 131530	7TH STREET BETWEEN P	ENE 1/4 - 1/2 (0.316 mi.)	68	259
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEST OAKLAND BART ST ACRES property ID: 133801	1451 7TH STREET	ESE 1/8 - 1/4 (0.238 mi.)	I42	190
800 CEDAR ST ACRES property ID: 127441	800 CEDAR STREET	NW 1/4 - 1/2 (0.262 mi.)	K52	205
1014 PINE STREET ACRES property ID: 122023	1014 PINE STREET	NNW 1/4 - 1/2 (0.295 mi.)	L60	241
WILLOW PARK ACRES property ID: 16501	14TH AND WILLOW ST W	NNE 1/4 - 1/2 (0.427 mi.)	AA104	355

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there

EXECUTIVE SUMMARY

are 11 HIST Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AMCO CHEMICAL</i>	<i>1414 THIRD STREET</i>	<i>SE 1/4 - 1/2 (0.299 mi.)</i>	<i>0</i>	<i>8</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>528 LEWIS STREET</i>	<i>528 LEWIS STREET</i>	<i>SE 0 - 1/8 (0.105 mi.)</i>	<i>C26</i>	<i>152</i>
<i>SOUTHERN PACIFIC -WE</i>	<i>CYPRESS CORRIDOR</i>	<i>S 1/8 - 1/4 (0.234 mi.)</i>	<i>F40</i>	<i>181</i>
<i>GAINES PROPERTY</i>	<i>1795 11TH STREET</i>	<i>NNW 1/4 - 1/2 (0.311 mi.)</i>	<i>Q65</i>	<i>250</i>
<i>SF BAY AREA RAPID TR</i>	<i>349 MANDELA PKWY</i>	<i>SE 1/4 - 1/2 (0.353 mi.)</i>	<i>U86</i>	<i>306</i>
<i>OAKLAND ARMY BASE-EA</i>	<i>700 MURMANSK STREET,</i>	<i>NW 1/4 - 1/2 (0.471 mi.)</i>	<i>112</i>	<i>382</i>
<i>OAKLAND ARMY BASE</i>	<i>2475-D WEST 12TH STR</i>	<i>NW 1/2 - 1 (0.644 mi.)</i>	<i>133</i>	<i>444</i>
<i>FLEET INDUSTRIAL SUP</i>	<i>531 ACRES; EASTERN S</i>	<i>WSW 1/2 - 1 (0.894 mi.)</i>	<i>149</i>	<i>517</i>
<i>BNSF WOOD STREET YAR</i>	<i>WOOD STREET & WEST G</i>	<i>NNE 1/2 - 1 (0.906 mi.)</i>	<i>AL150</i>	<i>535</i>
<i>COMMERCIAL BUILDINGS</i>	<i>1250-1276, 1284 W. G</i>	<i>NE 1/2 - 1 (0.965 mi.)</i>	<i>153</i>	<i>542</i>
<i>TRANS BAY CONTAINER</i>	<i>2500 7TH STREET</i>	<i>W 1/2 - 1 (0.987 mi.)</i>	<i>157</i>	<i>677</i>

Toxic Pits: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there are 2 Toxic Pits sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SP, W.OAKLAND YD.-(O Closure Date: 04/21/93 Task #: 82010 Status: CLOSED	1707 WOOD STREET	NNE 1/2 - 1 (0.672 mi.)	AI134	461
SP, W.OAKLAND YARD-(Closure Date: 06/30/92 Task #: 82034 Status: CLOSED	1707 WOOD STREET	NNE 1/2 - 1 (0.672 mi.)	AI135	461

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/22/2018 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>USPS - OAKLAND VMF</i>	<i>1675 7TH ST</i>	<i>SW 0 - 1/8 (0.024 mi.)</i>	<i>A7</i>	<i>25</i>
<i>USPS - OAKLAND P&DC</i>	<i>1675 7TH ST</i>	<i>SW 0 - 1/8 (0.024 mi.)</i>	<i>A8</i>	<i>110</i>

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND MAIN OFFICE Status: A Tank Status: A Comp Number: 37434	1675 007TH ST	SW 0 - 1/8 (0.005 mi.)	A1	21
GOSSWOOD HOUSING ASS Comp Number: 13837	1751 GOSS ST	WNW 1/8 - 1/4 (0.145 mi.)	E31	162
PHOENIX IRON WKS. Status: A Tank Status: A Comp Number: 59789	888 CEDAR ST	WNW 1/8 - 1/4 (0.230 mi.)	H39	177

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND NORTHFIELD T Facility Id: 00000013503	OAKLAND MUNICIPAL AI	NNE 1/8 - 1/4 (0.139 mi.)	30	161
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAIN POST OFFICE Facility Id: 00000066335	1675 - 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A10	129
MAIN OFFICE VEHICLE Facility Id: 00000037434	1675-7TH STREET	SW 0 - 1/8 (0.024 mi.)	A11	130
MAIN POST OFFICE	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A12	131

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND MAIN OFFICE Facility Id: 01002683 Status: A	1675 007TH ST	SW 0 - 1/8 (0.005 mi.)	A1	21
PHOENIX IRON WKS.	888 CEDAR ST	WNW 1/8 - 1/4 (0.230 mi.)	H39	177

EXECUTIVE SUMMARY

Facility Id: 01002778
Status: A

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

A review of the CERS TANKS list, as provided by EDR, and dated 10/22/2018 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USPS - OAKLAND VMF	1675 7TH ST	SW 0 - 1/8 (0.024 mi.)	A7	25
NAVAL SUPPLY CENTER,	500 CORNER OF 5TH AN	S 0 - 1/8 (0.100 mi.)	C24	151

Local Land Records

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

A review of the DEED list, as provided by EDR, and dated 09/04/2018 has revealed that there are 4 DEED sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN PACIFIC -WE Status: CERTIFIED / OPERATION & MAINTENANCE Envirostor ID: 1400010	CYPRESS CORRIDOR	S 1/8 - 1/4 (0.234 mi.)	F40	181
BOBO'S JUNKYARD Status: CERTIFIED / OPERATION & MAINTENANCE Envirostor ID: 1400003	1401 THIRD STREET	SE 1/4 - 1/2 (0.345 mi.)	S79	287
14TH STREET APARTMEN Status: COMPLETED - CASE CLOSED Envirostor ID: SL0600197637	1801 14TH STREET	N 1/4 - 1/2 (0.466 mi.)	111	381
OAKLAND ARMY BASE-EA Status: ACTIVE Envirostor ID: 1970016	700 MURMANSK STREET,	NW 1/4 - 1/2 (0.471 mi.)	112	382

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 03/01/2018 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
US POSTAL SERVICE -	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A9	127

EXECUTIVE SUMMARY

EPA ID:: CA6180090148

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 01/31/2015 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARMY-NAVY DISTRIBUTI Federal Facility ID:: CA9799F5696 INST ID:: 57292		NNE 1/2 - 1 (0.997 mi.)	158	689

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND ARMY BASE (C		NW 1/2 - 1 (0.694 mi.)	0	8

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 is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN PACIFIC TRA	1707 WOOD STREET	NNE 1/2 - 1 (0.672 mi.)	A1137	465

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

A review of the Cortese list, as provided by EDR, and dated 09/24/2018 has revealed that there are 3 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMCO CHEMICAL Envirostor Id: 1390001 Cleanup Status: ACTIVE	1414 THIRD STREET	SE 1/4 - 1/2 (0.299 mi.)	0	8

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN PACIFIC -WE Envirostor Id: 1400010	CYPRESS CORRIDOR	S 1/8 - 1/4 (0.234 mi.)	F40	181

EXECUTIVE SUMMARY

Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS

JENKINS AUTO WRECKER **1778 10TH STREET** **NNW 1/4 - 1/2 (0.267 mi.)** **L55** **211**
 Envirostor Id: 1750025
 Cleanup Status: BACKLOG

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 29 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RELIABLE HANDI CAB Reg Id: 01-1234	1520 7TH ST	ESE 1/8 - 1/4 (0.172 mi.)	33	168
CHEVRON #20-6145 / S Reg Id: 01-2421	800 CENTER ST	E 1/4 - 1/2 (0.273 mi.)	57	215
CHRYSLER AUTO UNLOAD Reg Id: 01-2210	1401 7 MIDDLE HARBOR	ESE 1/4 - 1/2 (0.325 mi.)	N75	277
KELLY'S TRUCK REPAIR Reg Id: 01-2118	1390 7TH ST	ESE 1/4 - 1/2 (0.339 mi.)	N78	285
ARMORED TRANSPORT Reg Id: 01-2212	1333 8TH ST	E 1/4 - 1/2 (0.379 mi.)	93	322
MANDELA TRUCKING Reg Id: 01-2437	1225 MANDELA PARKWAY	ENE 1/4 - 1/2 (0.430 mi.)	105	362
COCA COLA Reg Id: 01-0438	1340 CYPRESS	ENE 1/4 - 1/2 (0.494 mi.)	AD114	396
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND MAIN POST OF Reg Id: 01-0487	1675 7TH STREET	SW 0 - 1/8 (0.024 mi.)	A13	133
GOSSWOOD HOUSING ASS Reg Id: 01-0944	1751 GOSS ST	WNW 1/8 - 1/4 (0.145 mi.)	E31	162
CHURCH'S FRIED CHICK Reg Id: 01540002	1766 7TH STREET	WNW 1/8 - 1/4 (0.146 mi.)	E32	164
PEP BOYS Reg Id: 3157	1818 SHOREY	WNW 1/8 - 1/4 (0.222 mi.)	G37	174
PHOENIX IRON WKS. Reg Id: 01-2420	888 CEDAR ST	WNW 1/8 - 1/4 (0.230 mi.)	H39	177
SPT CO LOCO FUEL PLA Reg Id: 01-2426	UNKNOWN PINE ST FOOT	W 1/8 - 1/4 (0.245 mi.)	44	195
GLOBE METALS COMPANY Reg Id: 01-1918	182010TH	NNW 1/4 - 1/2 (0.302 mi.)	L61	244
PHOENIX 524 PROPERTY Reg Id: 01330038	524 CEDAR STREET	W 1/4 - 1/2 (0.309 mi.)	O62	244
PHOENIX 766 PROPERTY	766 CEDAR STREET	WNW 1/4 - 1/2 (0.309 mi.)	P63	246

EXECUTIVE SUMMARY

Reg Id: 01330036				
SOUTHERN PACIFIC TRA	721 CEDAR ST	W 1/4 - 1/2 (0.309 mi.)	P64	248
Reg Id: 01-1411				
CAL-EAST FOODS	505 CEDAR STREET	W 1/4 - 1/2 (0.320 mi.)	O69	262
Reg Id: 01510024				
Reg Id: 01-0214				
ALL WEATHER DOOR	1851 5TH ST	W 1/4 - 1/2 (0.320 mi.)	70	267
Reg Id: 01-1713				
W.O. RIP TRACK	515 BAY ST	WNW 1/4 - 1/2 (0.326 mi.)	P76	277
Reg Id: 01-1414				
LIPS PROPELLERS	1899 7TH STREET	WNW 1/4 - 1/2 (0.336 mi.)	P77	284
Reg Id: 01350121				
TRUCKER'S FRIEND	1395 7TH	ESE 1/4 - 1/2 (0.349 mi.)	T81	289
Reg Id: 01-0323				
BOHELLI WINDOWS	1111 PINE ST	NNW 1/4 - 1/2 (0.352 mi.)	Q84	301
Reg Id: 01-1824				
DC METALS / AMCO CHE	1414 3RD ST	SE 1/4 - 1/2 (0.354 mi.)	S88	312
Reg Id: 01-2396				
SOUTHERN PACIFIC TRA	1912 7TH	WNW 1/4 - 1/2 (0.359 mi.)	V89	315
Reg Id: 01-1401				
TAYLOR ROOF STRUCTUR	1746 13TH	N 1/4 - 1/2 (0.405 mi.)	Y99	340
Reg Id: 01-1449				
SMILO CHEMICAL COMPA	500 KIRKHAM STREET	ESE 1/4 - 1/2 (0.417 mi.)	AB101	345
Reg Id: 01-2433				
Reg Id: 01510022				
SOUTHERN PACIFIC TRA	1399 WOOD ST	N 1/4 - 1/2 (0.448 mi.)	AC107	371
Reg Id: 01-1408				
CONTAINER FREIGHT	1285 5TH ST	ESE 1/4 - 1/2 (0.456 mi.)	AB109	375
Reg Id: 01-2399				

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/20/2018 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAFETY-KLEEN CORP. 7	404 MARKET ST	ESE 1/2 - 1 (0.966 mi.)	AM155	645
EPA Id: CAD053044053				
Cleanup Status: CLOSED				

PROC: A listing of certified processors.

A review of the PROC list, as provided by EDR, and dated 09/10/2018 has revealed that there is 1 PROC site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GLOBE METALS	1820 10TH ST	NNW 1/4 - 1/2 (0.324 mi.)	R72	273

EXECUTIVE SUMMARY

Cert Id: PR0328
Reg Id: 24322

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

A review of the Notify 65 list, as provided by EDR, and dated 09/19/2018 has revealed that there are 7 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NABISCO BRANDS, INC. EAST BAY FORD TRUCK	1267 14TH STREET 333 FIBERT ST	ENE 1/2 - 1 (0.593 mi.) ESE 1/2 - 1 (0.819 mi.)	AG127 143	432 494
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAYLOR ROOF STRUCTUR PORT OF OAKLAND PORT OF OAKLAND YUSE PACIFIC MARINE MAINT BUILDING 331 EAST	1769 13TH STREET 801 MARITIME STREET 1195 MARITIME ST 1425 MARITIME STREET 7 MERRITIME	N 1/4 - 1/2 (0.382 mi.) WNW 1/2 - 1 (0.713 mi.) NW 1/2 - 1 (0.717 mi.) NNW 1/2 - 1 (0.838 mi.) N 1/2 - 1 (0.847 mi.)	Y95 138 139 144 145	330 466 469 510 511

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 5 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BILIVICH NICK	1671 7TH ST	SW 0 - 1/8 (0.021 mi.)	A5	24
ALEVIZOS N P	1599 7TH ST	SE 0 - 1/8 (0.073 mi.)	B16	149
GELLITCH PIERRE	520 PERALTA ST	SSE 0 - 1/8 (0.083 mi.)	C17	149
WALLACE MILTON H	1740 7TH ST	W 0 - 1/8 (0.091 mi.)	D20	150
MOREIRA M M	1587 7TH ST	SE 0 - 1/8 (0.091 mi.)	B21	150

EXECUTIVE SUMMARY

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 11 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

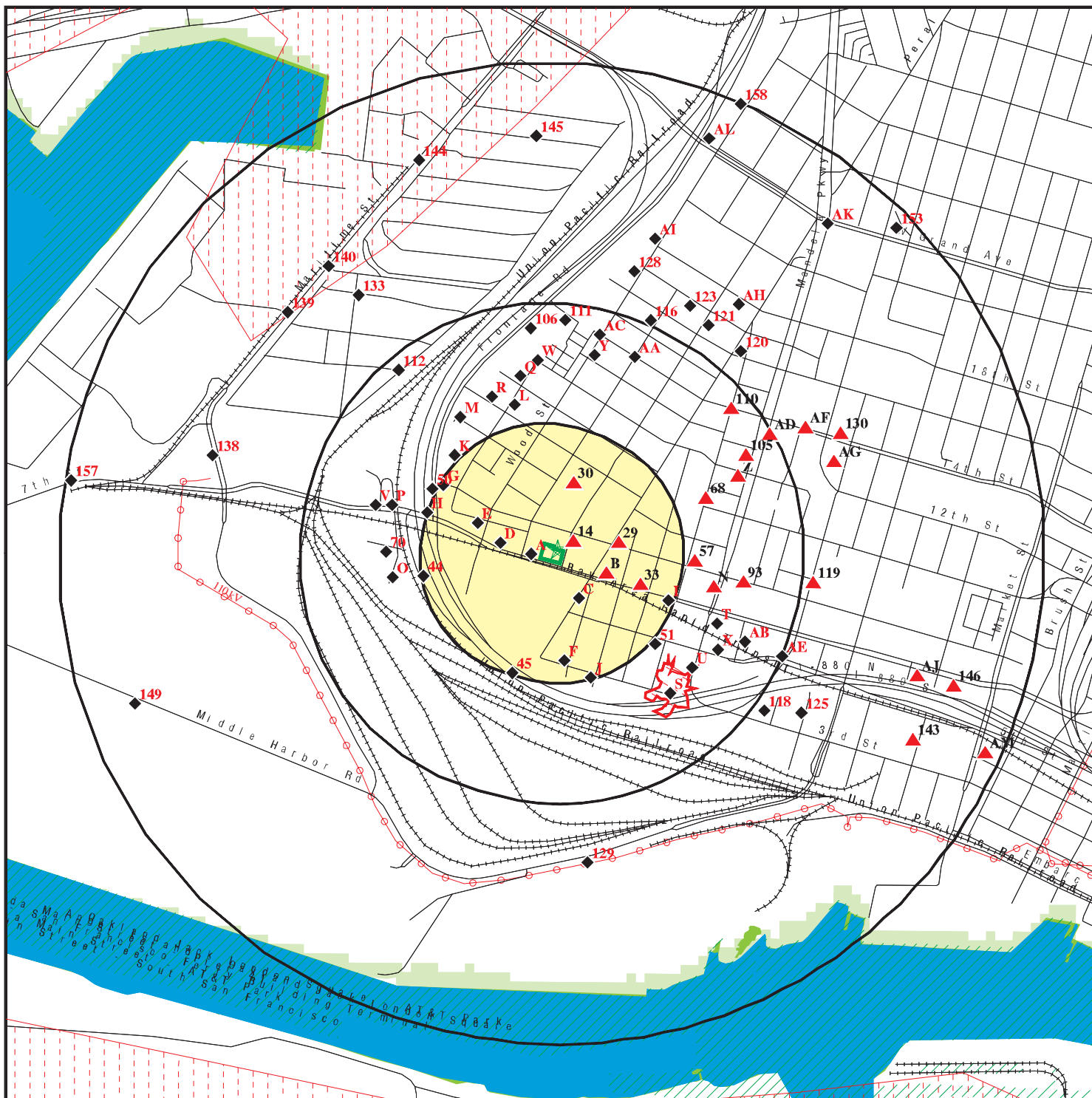
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CYRUS ESTHER MRS	1647 8TH ST	NE 0 - 1/8 (0.030 mi.)	14	149
PERALTA LAUNDERETTE	1576 7TH ST	ESE 0 - 1/8 (0.098 mi.)	B22	150
WASHINGTON E C	1564 8TH ST	E 0 - 1/8 (0.117 mi.)	29	161
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WASH PALACE	1642 7TH ST	SE 0 - 1/8 (0.017 mi.)	A2	24
YAMAUCHI KINO MRS	1692 7TH ST	W 0 - 1/8 (0.020 mi.)	A3	24
TOGO LAUNDRY	1689 7TH ST	SW 0 - 1/8 (0.021 mi.)	A4	24
M & W CLEANERS	1604 7TH ST	SE 0 - 1/8 (0.064 mi.)	B15	149
KANO I	1726 7TH ST	W 0 - 1/8 (0.088 mi.)	D18	149
HOSHISAKI G S	1725 7TH ST	W 0 - 1/8 (0.090 mi.)	D19	150
ALLEN GEO	1579 7TH ST	SE 0 - 1/8 (0.099 mi.)	B23	151
GEVERTZ MAX	1569 7TH ST	SE 0 - 1/8 (0.109 mi.)	B28	161

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
SOUTHERN PACIFIC TRANS CO	LUST, HIST CORTESE
5TH ST AND MAGNOLIA ST REDEVELOPME	Alameda County CS
USNAVY PUBLIC WORKS CENTER SAN FRA	SEMS-ARCHIVE, RCRA-SQG

OVERVIEW MAP - 5512081.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

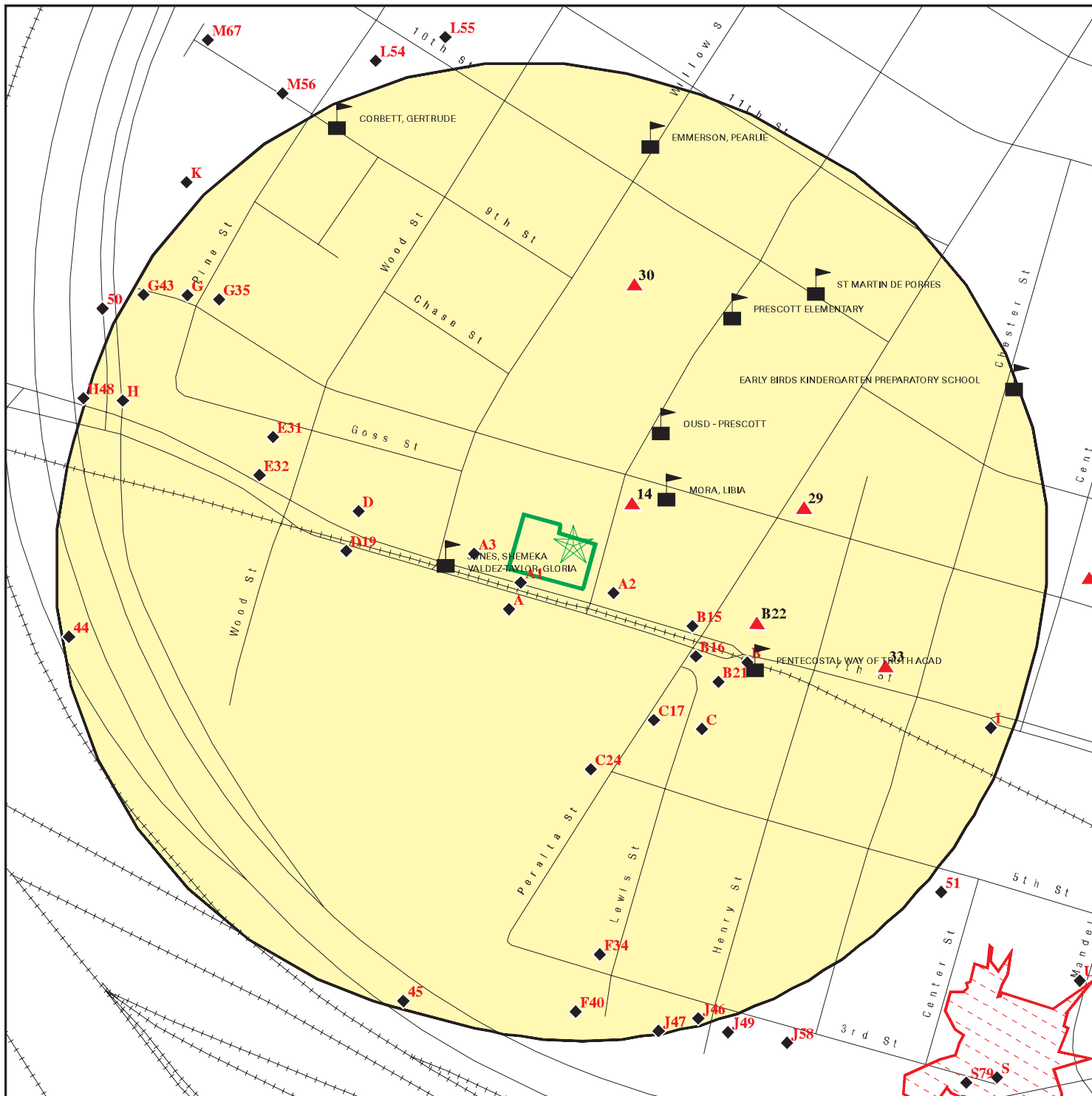








This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.





SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland CA 94607
 LAT/LONG: 37.806809 / 122.299463

CLIENT: SCA Environmental
 CONTACT: Christina Codemo
 INQUIRY #: 5512081.2s
 DATE: December 14, 2018 12:58 pm

DETAIL MAP - 5512081.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  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: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland CA 94607
 LAT/LONG: 37.806809 / 122.299463

CLIENT: SCA Environmental
 CONTACT: Christina Codemo
 INQUIRY #: 5512081.2s
 DATE: December 14, 2018 1:02 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	1	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	2	NR	NR	2
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		1	0	4	NR	NR	5
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		1	2	3	8	NR	14
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		2	8	24	31	NR	65
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	2	NR	NR	2
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	5	21	NR	NR	27

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	2	13	NR	NR	16
Alameda County CS	0.500		1	5	26	NR	NR	32
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		1	5	14	NR	NR	20
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	1	4	NR	NR	5
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		1	1	4	5	NR	11
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	2	NR	2
CERS HAZ WASTE	0.250		2	0	NR	NR	NR	2
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		1	2	NR	NR	NR	3
HIST UST	0.250		3	1	NR	NR	NR	4
CA FID UST	0.250		1	1	NR	NR	NR	2
CERS TANKS	0.250		2	0	NR	NR	NR	2
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	1	3	NR	NR	4
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	1	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	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	0.001		0	NR	NR	NR	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	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
Cortese	0.500		0	1	2	NR	NR	3
CUPA Listings	0.250		0	0	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region
NW
1/2-1
3662 ft.

OAKLAND ARMY BASE (CLOSED)
OAKLAND ARMY BASE (CLOSED (County), CA)

DOD **CUSA136080**
N/A

DOD:

Feature 1: Army DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Oakland Army Base (Closed)
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CAALAMEDA

NPL
Region
SE
1/4-1/2
1579 ft.

AMCO CHEMICAL
1414 THIRD STREET
OAKLAND, CA 94607

NPL **1001115054**
SEMS **CA0001576081**
ENVIROSTOR
HIST Cal-Sites
Cortese

NPL:

EPA ID: CA0001576081
Cerclis ID: 905334
EPA Region: 9
Federal: N
Final Date: 2003-09-29 00:00:00
Site Score: 50
Latitude: 37.802500000000002
Longitude: -122.29375

Category Details:

NPL Status: Currently on the Final NPL
Category Description: Surface Water Adjacent To Site-Wetland-Unknown
Category Value: U

Site Details:

Site Name: AMCO CHEMICAL
Site Status: Final
Site Zip: 94607
Site City: OAKLAND
Site State: CA
Federal Site: No
Site County: ALAMEDA
EPA Region: 09
Date Proposed: 04/30/03
Date Deleted: Not reported
Date Finalized: 09/29/03

Substance Details:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

Scoring:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	A054
Substance:	TRICHLOROBENZENE, 1,2,4-
CAS #:	120-82-1
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C266
Substance:	ETHYL CHLORIDE
CAS #:	75-00-3
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C324
Substance:	CIS-1,2-DICHLOROETHYLENE
CAS #:	156-59-2
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C424
Substance:	TRIMETHYLBENZENE, 1,2,4-
CAS #:	95-63-6
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C537
Substance:	TRIMETHYLBENZENE, 1,3,5-
CAS #:	108-67-8
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C616
Substance:	TRICHLOROBENZENE, 1,2,3-
CAS #:	87-61-6
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	U037
Substance:	CHLOROBENZENE
CAS #:	108-90-7
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	U043
Substance:	VINYL CHLORIDE
CAS #:	75-01-4
Pathway:	AIR PATHWAY
Scoring:	4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

NPL Status: Currently on the Final NPL
Substance ID: U070
Substance: DICHLOOROBENZENE, 1,2-
CAS #: 95-50-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U071
Substance: DICHLOOROBENZENE, 1,3-
CAS #: 541-73-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U072
Substance: DICHLOOROBENZENE, 1,4-
CAS #: 106-46-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U076
Substance: DICHLOOROETHANE, 1,1-
CAS #: 75-34-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U077
Substance: DICHLOOROETHANE, 1,2-
CAS #: 107-06-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U080
Substance: METHYLENE CHLORIDE
CAS #: 75-09-2
Pathway: AIR PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U161
Substance: METHYL ISOBUTYL KETONE
CAS #: 108-10-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: AIR PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U226
Substance: TRICHLOROETHANE, 1,1,1-
CAS #: 71-55-6
Pathway: AIR PATHWAY
Scoring: 2

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

NPL Status: Currently on the Final NPL
Substance ID: Z003
Substance: BUTYLBENZENE,SEC-
CAS #: 135-98-8
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: Z009
Substance: ISOPROPYLBENZENE
CAS #: 98-82-8
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: Z010
Substance: ISOPROPYLTOLUENE,P-
CAS #: 25155-15-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: Z014
Substance: PROPYLBENZENE,N-
CAS #: 103-65-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

Summary Details:

Conditions at Proposal April 30, 2003): The AMCO Chemical site AMCO) is part of a 0.83-acre property at 1414 Third Street in a mixed residential and light industrial area of Oakland, California. The property is bordered on the north by a vacant lot, on the west by residences, on the east by Nelson Mandela Parkway, and on the south by Third Street. A recently constructed elevated portion of the Interstate-880 (I-880) freeway is located immediately across Third Street from the property. The property at 1401 Third Street) was historically occupied by Bobo's Junkyard. From the 1960s to 1989, the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

AMCO site was occupied by AMCO Chemical Company. AMCO operated a chemical distribution facility that included a warehouse, railroad spur, above-ground tanks, underground tanks, and drums used to transfer and store raw materials. In July 1988, the Oakland Fire Department observed leaking/rotting drums on the property. A subsequent emergency response investigation by Alameda County and the U.S. Coast Guard revealed greater than 100 full and empty 5- and 55-gallon weathered drums in an open area behind AMCO Chemical's main building. Stenciled labels on the drums indicated that the contents included acetone; 1,1,1-trichloroethane (TCE); methyl ethyl ketone; and dry-cleaning solvent. From 1989 to November 1998, DC Metals operated a scrap metal yard on the site. Cable Moore, Inc., currently uses the site for cable storage. Structures remaining on site include an office building, warehouse, and two small storage buildings. In June 1995, a construction crew noted odors at the intersection of Third Street and Nelson Mandela Parkway, while excavating a trench needed to relocate an underground electrical line in preparation for a freeway project. Subsequent subsurface investigation by California Department of Transportation (Caltrans), DC Metals, and EPA revealed the presence of volatile organic compounds (VOCs) including vinyl chloride in soil, soil gas, and shallow ground water at the AMCO site, beneath Third Street, and at the 1401 Third Street property (former Bobo's Junkyard). On December 5, 1996, the EPA Emergency Response Office initiated a removal action at the AMCO site that involved the construction of a ground water and soil vapor extraction (SVE) treatment system. The EPA treatment system collection trench was excavated from December 5 through December 20, 1996. By December 23, 1996, the trench had been lined with a silt curtain, filled with gravel, and covered with a tarp. Cement was poured to permanently cover the trench on January 8, 1997. The treatment system operated from January 1997 through July 1998 and extracted approximately 7,000 pounds of VOCs, approximately 40 pounds of which were vinyl chloride. Operation of the system ceased in July 1998, due to community concern over the potential for a release of dioxins from the thermal oxidation unit. On December 5 and 14, 1996, during construction of the treatment system collection trench, the EPA On-Scene Coordinator observed shimmering vapors emanating from the open trench. SUMMA canister sampling indicated the presence of vinyl chloride; methylene chloride; 1,1,1-trichloroethane (TCE); and trichloroethene (TCE) in the immediate area of the trench. In addition, one SUMMA canister sample collected from in front of a residence adjacent to the site contained TCE. The EPA conducted several sampling events on and adjacent to the AMCO site between 1997 and 2000. VOCs continued to be detected in soil, soil gas, and ground water on site. In September 1999, SUMMA canister samples were collected from the crawl spaces of three residences located adjacent to the site. Vinyl chloride was detected in the three crawl spaces at 0.02 to 0.045 parts per billion by volume (ppbv). There are 626 people living within a quarter of a mile of the source. There are also approximately three workers on site. Status (September 2003): EPA is considering various alternatives for this site. The description of the site release is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices. For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1-888-42-ATSDR or 1-888-422-8737.

Site Status Details:

NPL Status: Proposed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

Proposed Date: 04/30/2003
Final Date: Not reported
Deleted Date: Not reported

Narratives Details:

NPL Name: AMCO CHEMICAL
City: OAKLAND
State: CA

SEMS:

Site ID: 905334
EPA ID: CA0001576081
Cong District: Not reported
FIPS Code: 6001
Latitude: 37.802500000000002
Longitude: -122.29375
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1997-01-27 00:00:00
Finish Date: 1/27/1997
Qual: V
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 1
Action Code: EE
Action Name: EE/CA
SEQ: 1
Start Date: 2014-07-17 00:00:00
Finish Date: 7/17/2015
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

FF: N
OU: 1
Action Code: RV
Action Name: RMVL
SEQ: 4
Start Date: 2015-08-07 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 2010-10-07 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: RV
Action Name: RMVL
SEQ: 3
Start Date: 2009-10-26 00:00:00
Finish Date: 11/30/2009
Qual: C
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: RV
Action Name: RMVL
SEQ: 2
Start Date: 2007-07-23 00:00:00
Finish Date: 9/19/2007
Qual: C
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 1
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 2002-03-07 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: NX
Action Name: COMB PA/SI
SEQ: 1
Start Date: 1996-10-17 00:00:00
Finish Date: 10/11/2001
Qual: H
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: TG
Action Name: TA GRANT
SEQ: 1
Start Date: 2004-03-31 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 1996-12-02 00:00:00
Finish Date: 7/31/1998
Qual: C
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1996-12-02 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 2003-04-30 00:00:00
Finish Date: 4/30/2003
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 2003-09-29 00:00:00
Finish Date: 9/29/2003
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1996-10-17 00:00:00
Finish Date: 10/17/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

Qual: Not reported
Current Action Lead: St Perf

Region: 9
Site ID: 905334
EPA ID: CA0001576081
Site Name: AMCO CHEMICAL
NPL: F
FF: N
OU: 1
Action Code: HA
Action Name: Health Asmt
SEQ: 1
Start Date: 2003-07-03 00:00:00
Finish Date: 9/22/2005
Qual: Not reported
Current Action Lead: St Perf

ENVIROSTOR:

Facility ID: 1390001
Status: Active
Status Date: 05/01/2002
Site Code: 200687
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 0.83
NPL: YES
Regulatory Agencies: SMBRP, US EPA, CITY OF OAKLAND
Lead Agency: US EPA
Program Manager: Lynn Nakashima
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - Multi-Site Cooperative Agreement
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Joint State/Federal-Funded
Latitude: 37.80283
Longitude: -122.2948
APN: 0000039001013, 004 007301001, 004 007301002, 004 007302100, 004 007302200, 004 007302300, 004007301002
Past Use: TRANSFER STATION
Potential COC: Tetrachloroethylene (PCE TPH-diesel Trichloroethylene (TCE Vinyl chloride
Confirmed COC: Tetrachloroethylene (PCE TPH-diesel Trichloroethylene (TCE Vinyl chloride
Potential Description: OTH, SOIL, SV, IA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

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

Calsite:

Region: BERKELEY
Facility ID: 01390001
Facility Type: NPJF
Type: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Branch: NC
Branch Name: NORTH COAST
File Name: DC METALS
State Senate District: 05012002
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 39
SIC Name: MISCELLANEOUS MANUFACTURING INDUSTRIES
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: LNAKASHI
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01390001
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04261996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01390001
Activity: ENFFU
Activity Name: ENFORCEMENT FOLLOW UP, AG OR DA REFERRAL, ETC.
AWP Code: SFACT
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01171997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 1414 THIRD STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: The site was occupied by AMCO Chemical Corp. until December 1989. DTSC inspected the site on August 4, 1988. An order to Fence and Post the site was issued on August 8, 1988. On February 24, 1989 a Report of Violation was issued to correct violations related to leakage of hazardous waste from piping and containers; storage of hazardous waste in deteriorated or otherwise corroded conditions; and unlabeled waste containers. Soil and groundwater located outside of the site boundary were sampled by Caltrans and Southern Pacific Railroad. Elevated levels of VOC's (vinyl chloride,1,1-DCE,PCE,1,1,1-TCA, 1,2-DCE), acetone, toluene and xylene have been found in soil and/or groundwater.
Comments Date: 04261996
Comments: DTSC issued an I or SE Order and RAO to the previous and current
Comments Date: 04261996
Comments: owner, and operator.
Comments Date: 04302003
Comments: US EPA proposed to list site on the National Priorities List
Comments Date: 04302003
Comments: (NPL). US EPA implemented a removal action in 1997 to address
Comments Date: 04302003
Comments: high concentrations of vinyl chloride at or near the AMCO site.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMCO CHEMICAL (Continued)

1001115054

Comments Date: 04302003
Comments: A groundwater extraction and treatment system and a soil vapor
Comments Date: 04302003
Comments: extraction system were installed to address the vinyl chloride
Comments Date: 04302003
Comments: and other contaminants found in shallow groundwater and soils.
Comments Date: 04302003
Comments: Operation of this system ceased in July 1998 due to community
Comments Date: 04302003
Comments: concerns. US EPA conducted several sampling events on and
Comments Date: 04302003
Comments: adjacent to the site between 1997 and 2002. VOCs continued to
Comments Date: 04302003
Comments: be detected in soil, soil gas and groundwater on the site.
Comments Date: 09292003
Comments: US EPA formally listed site on NPL. In August 2004, US EPA
Comments Date: 09292003
Comments: approved the Remedial Investigation Sampling and Analysis Plan.
Comments Date: 09292003
Comments: Investigation activities began in September 2004.
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD009142324
ID Name: CALSTARS CODE
ID Value: 200687
Alternate Name: D.C. METALS, INC.
Alternate Name: DC METALS
Alternate Name: AMCO CHEMICAL
Alternate Name: AMOCO CHEMICAL
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

CORTESE:

Region: CORTESE
Envirostor Id: 1390001
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: ACTIVE
Status Date: 05/01/2002
Site Code: 200687
Latitude: 37.802839
Longitude: -122.29487
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
SW
< 1/8
0.005 mi.
28 ft.

OAKLAND MAIN OFFICE VEHICLE MA
1675 007TH ST
OAKLAND, CA 94615

SWEEPS UST S101580383
CA FID UST N/A

Site 1 of 13 in cluster A

Relative:
Lower

SWEEPS UST:

Actual:
14 ft.

Status: Not reported
Comp Number: 37434
Number: Not reported
Board Of Equalization: 44-032063
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-037434-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 5

Status: Not reported
Comp Number: 37434
Number: Not reported
Board Of Equalization: 44-032063
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-037434-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 37434
Number: Not reported
Board Of Equalization: 44-032063
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-037434-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN OFFICE VEHICLE MA (Continued)

S101580383

Comp Number: 37434
Number: Not reported
Board Of Equalization: 44-032063
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-037434-000005
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 37434
Number: Not reported
Board Of Equalization: 44-032063
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-037434-000006
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 37434
Number: 7
Board Of Equalization: 44-032063
Referral Date: 12-07-93
Action Date: 05-09-94
Created Date: 02-29-88
Owner Tank Id: 1B
SWRCB Tank Id: 01-000-037434-000003
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 37434
Number: 7
Board Of Equalization: 44-032063
Referral Date: 12-07-93
Action Date: 05-09-94
Created Date: 02-29-88

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN OFFICE VEHICLE MA (Continued)

S101580383

Owner Tank Id: OAK-100-#03
SWRCB Tank Id: 01-000-037434-000007
Tank Status: A
Capacity: 12000
Active Date: 12-07-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 37434
Number: 7
Board Of Equalization: 44-032063
Referral Date: 12-07-93
Action Date: 05-09-94
Created Date: 02-29-88
Owner Tank Id: OAK-100-#02B
SWRCB Tank Id: 01-000-037434-000008
Tank Status: A
Capacity: 12000
Active Date: 12-07-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 37434
Number: 7
Board Of Equalization: 44-032063
Referral Date: 12-07-93
Action Date: 05-09-94
Created Date: 02-29-88
Owner Tank Id: OAK-100-#02A
SWRCB Tank Id: 01-000-037434-000009
Tank Status: A
Capacity: 12000
Active Date: 12-07-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 01002683
Regulated By: UTNKA
Regulated ID: 00037434
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158748462
Mail To: Not reported
Mailing Address: 1675 007TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94615
Contact: Not reported
Contact Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN OFFICE VEHICLE MA (Continued)

S101580383

DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A2 SE < 1/8 0.017 mi. 89 ft. WASH PALACE 1642 7TH ST OAKLAND, CA EDR Hist Cleaner 1009143048 N/A
Site 2 of 13 in cluster A
Relative: Lower EDR Hist Cleaner
Actual: 14 ft. Year: 1967 Name: WASH PALACE Type: LAUNDRIES

A3 West < 1/8 0.020 mi. 106 ft. YAMAUCHI KINO MRS 1692 7TH ST OAKLAND, CA EDR Hist Cleaner 1009141421 N/A
Site 3 of 13 in cluster A
Relative: Lower EDR Hist Cleaner
Actual: 14 ft. Year: 1933 Name: YAMAUCHI KINO MRS Type: CLOTHES PRESSERS AND CLEANERS

A4 SW < 1/8 0.021 mi. 113 ft. TOGO LAUNDRY 1689 7TH ST OAKLAND, CA EDR Hist Cleaner 1009140479 N/A
Site 4 of 13 in cluster A
Relative: Lower EDR Hist Cleaner
Actual: 14 ft. Year: 1928 Name: TOGO LAUNDRY CO Type: LAUNDRIES-ORIENTAL
1933 TOGO LAUNDRY LAUNDRIES-ORIENTAL

A5 SW < 1/8 0.021 mi. 113 ft. BILIVICH NICK 1671 7TH ST OAKLAND, CA EDR Hist Auto 1009014837 N/A
Site 5 of 13 in cluster A
Relative: Lower EDR Hist Auto
Actual: 14 ft. Year: 1943 Name: BILIVICH NICK Type: GASOLINE AND OIL SERVICE STATIONS

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

A6 SW < 1/8 0.024 mi. 129 ft.	USPS - OAKLAND VMF 1675 7TH ST OAKLAND, CA 94615 Site 6 of 13 in cluster A	UST	U003804917 N/A
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Relative: Lower Actual: 14 ft.	UST: Facility ID: Not reported Permitting Agency: Alameda County Environmental Health Latitude: 37.80518 Longitude: -122.30073 Facility ID: 122 Permitting Agency: OAKLAND, CITY OF Latitude: 37.8075909 Longitude: -122.2989843	
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ALAMEDA CO. UST:

Facility ID:	FA0321461
Facility Status:	Active
Program Element:	4103
Description:	UNDERGROUND STORAGE TANK 3 CONTAINERS
Inspection Date:	04/06/2019
Closed:	Not reported
Owner Name:	U.S. POSTAL SERVICE
Owner ID:	OW0315406
Fstatus Decode:	Open

A7 SW < 1/8 0.024 mi. 129 ft.	USPS - OAKLAND VMF 1675 7TH ST OAKLAND, CA 94615 Site 7 of 13 in cluster A	CERS HAZ WASTE CERS TANKS CERS	S121792151 N/A
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Relative: Lower Actual: 14 ft.	CERS HAZ WASTE: Site ID: 79565 CERS ID: 10411021 CERS Description: Hazardous Waste Generator Violations: Site ID: 79565 Site Name: USPS - Oakland VMF Violation Date: 06-17-2016 Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. Violation Notes: Returned to compliance on 06/17/2016. Observations: primary facility contact lists Charley Simmons; however, Mr. Simmons retired in 3/2016 and has been replaced by Gary Pablo. Corrective Action: update CERS to reflect the correct primary emergency contact as Gary Pablo and notify ACDEH when the correction has been made to CERS. The violation was corrected during the inspection and no further action is required. Violation Division: Alameda County Environmental Health Violation Program: HMRRP Violation Source: CERS Site ID: 79565 Site Name: USPS - Oakland VMF Violation Date: 04-08-2016	
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description: Failure to maintain entry fitting such that it properly seals to the containment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: penetration fittings into the north and middle turbine sumps are not liquid tight and in bad condition, with visible disintegration of the fittings in evidence. Corrective action: penetration fittings in the north and middle UST turbine sumps with visible signs of disintegration must be replaced, with a permit from ACDEH.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes: Returned to compliance on 01/21/2017. Observation; no employee training has been completed since May 2015 Corrective Action: once a DO has been assigned train all employees on the UST system as required.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification
Violation Division: Alameda County Environmental Health
Violation Program: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems.
Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record of UST maintenance and repair logs is available onsite. Corrective action: Maintain all UST repair, maintenance and other relevant documents onsite for the previous 3 years.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes: Returned to compliance on 01/21/2017. Observations: DO owner statement has expired and needs to be updated Corrective Action: update the DO statement in CERS
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a site map with all required content.
Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Section(s) 2715
Violation Description: Failure of service technician, designated operator, installer, and/or employee to obtain and maintain a proper and current International Code Council certification.
Violation Notes: Returned to compliance on 01/21/2017. Observations: facility does not currently have designated operator Corrective action: Contact and retain the services of an ICC certified designated operator and submit the tank owner designated operator agreement into CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: The T-1 Diesel (North), T-Diesel (Middle) and T-3 Diesel (South) line leak detectors failed to detect a leak when tested. All line leak detectors shall be capable of detecting a 3-gallon per hour leak at 10 psi. CORRECTIVE ACTION. The Service technician replaced the T-Diesel (Middle) line leak detector and T-3 Diesel (South) line leak detector The T-1 Diesel (North) line leak detector was adjusted. All line leak detectors were retested during the inspection and passed. This was corrected on site.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 06/11/2018. OBSERVATION: This facility's EPA ID number CA6180090148 is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The monitoring plan on site is not approved by the CUPA. Line item 490-58 for all three tanks should be 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. The monitoring and response plans must be current and approved by the CUPA. CORRECTIVE ACTION: Submit and maintain an accurate monitoring plan. Submit corrections by May 26, 2018.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)

Violation Description: Failure to notify the UPA 48 hours prior to testing.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Owner/Operator did not notify the CUPA 48hours prior to testing. During the annual monitoring certification the dispensers, sensor out and fail safe was not able to be tested due to not being able to authorize dispenser 4. The service technician stated that he would have to come back to the site complete the testing and that ACDEH would be notified. The test was completed on April 13, 2018, but ACDEH was not notified of the testing. CORRECTIVE ACTION: Ensure that the CUPA is provided 48 hours notification to the CUPA in the future.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291

Violation Description: Failure to install leak detection equipment correct for the type of system.
Violation Notes: Returned to compliance on 01/21/2017. Observations: Product conveyance piping for dispenser 3/4 is outside the footprint of the UDC mounting frame, and should a leak occur the fuel would may not be captured in the UDC. Corrective Action: relocate the product conveyance piping to be completely within the footprint of the UDC, thereby allowing any liquid that may be released to be captured within the UDC, and causing the electronic sensor in the UDC to alarm. Contact ACDEH prior to completing all piping replacement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Notes: 30 days after a change.
Returned to compliance on 01/21/2017. Observations: The facility does not currently have a designated operator. Corrective Action: contact and retain the services of an ICC certified designated operator and update the DO certification in CERS

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
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 06/17/2016. Observations: chemical inventory onsite is not reflected in the CERS submittal as the 1000 gallon used oil above ground storage tank is not noted on the chemical inventory. Corrective Action: update the chemical inventory to include the 1000 gallon used oil AST and notify ACDEH when the chemical inventory has been updated. The violation was corrected during the inspection and no further action is required.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).

Violation Notes: Returned to compliance on 05/31/2018. OBSERVATION: The designated operator failed to document all the alarms from the attached alarm history on the October 2017 designated operator monthly inspection report(s) and failed to check that they were responded to appropriately. The missing alarms include: L9 UDC 2 Dispenser Pan fuel alarm on 10-18-17 and 10-17-17. Also the L8 UDC 1 Dispenser Pan fuel alarm on 10-18-17. During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was documented and responded to appropriately, and attach a copy of the alarm history with documentation to the response to any alarms to the monthly report. The designated operator failed to check and note the correct test dates for the secondary containment test on the March 2018 through April 2017 designated operator monthly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

inspection report(s). The secondary containment test date listed in the D.O report is April 8, 2016 instead of 6-15-15. During the monthly [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)

Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.

Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Owner/Operator did not maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. The T-3 Diesel (South) STP sump had approximately 24 ounces of liquid inside of it. CORRECTED ON SITE: The service technician removed the liquid from the sump. This was corrected on site.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.42(a), (b), (d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42(a), (b), (d)

Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isn t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn t received within 45 days of the date the waste was accepted by the initial transporter.

Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: The facility did not complete all uniform manifest exception reporting requirements for manifest without the designated facility copies. Manifest that did not have the signed designated facility copy on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS CORRECTIVE ACTION: Prepare a uniform hazardous waste manifest exception report for all manifest listed above. Submit a copy of the reports to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST.

Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Records of Annual Monitoring Certification (AMC) test results for the UST system were not found on site. The site did not have the April 2017 AMC test

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

results, the April 2016 AMC test results, the April 2015 AMC test results and the June 2015 secondary containment test results. These records shall be kept on site for 3 years. CORRECTIVE ACTION: Immediately locate and maintain these records on site. Submit verification to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)

Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violation Notes: Returned to compliance on 04/08/2016. Observation: 420 sensor in the interstitial space of UST 3 was removed for testing no float was present. The exterior of the sensor was oxidized and liquid was present on the sensor bell, indicating that residual liquid may be present in the UST interstitial space. The origin of the liquid is unknown and additional testing may be required to determine the source of the liquid. Corrective action: the 420 sensor float was repaired and approximately 200 ml of residual liquid was removed from the UST interstitial space. Violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS) at <http://cers.ca.gov/>.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)

Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Notes: release/leak/spill was observed.
Returned to compliance on 04/08/2016. Observation: spill bucket in the north and middle USTs contained residual liquid Corrective action: liquid in the spill bucket was removed and violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(d)

Violation Description: Failure to notify the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions.

Violation Notes: Returned to compliance on 01/21/2017. Observation: the facility does not currently have a DO under contract. Corrective Action: contact and retain the services of an ICC certified designated operator and update CERS with the owner DO statement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.

Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: Signed copies of manifest from the designated facility for the past 3 years were not

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

found on site. Signed copies of manifest not found on site: -
006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS -
004787420SKS Hazardous waste generators shall retain copies of all
manifests signed off by the disposal facility and all receipts used in
a consolidated manifesting procedure on site for three years and have
them readily available for review. CORRECTIVE ACTION: Immediately
locate a copy of all manifests and receipts for the last three years,
maintain them on site, and submit copies to the CUPA with 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a business plan when
storing/handling a hazardous material at or above reportable
quantities.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: A complete business
plan has not been received by the CUPA. The annotated site map does
not include all of the hazardous materials listed in the Hazardous
Materials Inventory Page. CORRECTIVE ACTION: Submit the business plan
electronically in the California Environmental Reporting System (CERS)
and implement immediately.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety
Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)

Violation Description: Failure to keep water out of the secondary containment of UST systems
installed on or after July 1, 2003 and before July 1, 2004, or on or
after July 1, 2004.

Violation Notes: Returned to compliance on 04/13/2017. Observations: turbine sumps
contained rain water Corrective Action: residual rain water was
removed from the turbine sumps and the violation was corrected during
the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7,
Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to
operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The UST tank
information for all three diesel tanks is not current in CERS. Line
item 490-58 is incorrectly list 794380-208 as the instead of
794390-420. Please verify line item 451-b for all three tanks for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Striker Plate/ Bottom Protector. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Submit and maintain an accurate Tank information. Submit corrections by May 26, 2018.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

Violation Description: Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record for maintenance, alarm logs is available in onsite documents: Corrective Action: maintain all alarm logs with proper follow up, UST system maintenance documents onsite for the previous 3 years. Obtain all maintenance and repair documents from contractor and maintain the documents onsite as required.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: 23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)

Violation Description: Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes: Returned to compliance on 04/13/2017. Observations: Annular space 420 sensor monitoring #3 diesel UST failed during testing. Corrective Action: the sensor was replaced and the violation was corrected during the inspection.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712

Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: a sensor fuel alarm was noted on 3/25/2016 and an automatic tank gage upgrade was completed. However, no notification or permit was obtained from ACDEH for this activity, and no work order or service record is available in the file for ATG upgrade. Corrective action: Obtain a work order/service request from Weston Solutions to verify that all work was completed by a licensed and ICC certified contractor and provide the documentation to ACDEH.

Violation Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were discovered at the time of the inspection.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The site was compliant at the time of inspection.
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled above ground storage tank inspection. USPS operates 1-1000 gallon used oil AST, 1-1000 gallon lubrication oil AST 2-110 gallon lubrication oil ASTs and 4-55 gallon ATF and lubrication drums. No violations were noted during the inspection.
Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled inspection for USPS vehicle maintenance facility and meet with facility representative Gary Pablo who granted access to complete the inspection. The facility has a current operating permit from ACDEH and information has been submitted to CERS, with the most recent submittal completed on 6/17/2016 to correct violations noted during the inspection. The facility is a tier 1 above ground storage tank facility and the SPCC plan has been implemented and updated as required. USPS operates 1-1000 gallon above ground storage (AST) storing used oil, which is connected to an electronic monitoring panel, 1-1000 gallon AST storing lubrication oil, 2-110 gallon AST for lubrication oil, 4-55 gallon drums of ATF and gear oil 1-250 gallon coolant AST, 1-200 gallon used coolant AST, compressed gases including ArCO2, Acetylene, Oxygen, Nitrogen and Argon. Employee training is completed on annually and training is documented electronically. Daily AST inspections [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval General Type: Other/Unknown
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Follow up for UST repair, discuss with contractor West Star. Arrive onsite to complete secondary containment testing for USPS facility. Penetration fitting in the piping and turbine sumps were in poor condition and require replacement, the penetration boots were replaced with similar boots and secondary containment testing was completed on the piping sump and the turbine sump. However, the secondary containment test boot for the piping did not pass testing and also required replacement, but the contractor did not have the replacement boots available and will order the replacement boots. Furthermore, during the site visit ACDEH found a piping sump for the backup generator inside the main post office facility was not monitored as required. Consequently, in the event of a release the release will not be detected at the earliest possible point. Moreover, in order to detect a release of into the secondary containment pipe transition sump a monitoring device must be installed.
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-18-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ACDEH Completed a follow up inspection for secondary containment testing associated with the replacement of test boots for the flex pipe fuel supply and fuel return lines used to supply a backup generator system. Arrive onsite and meet with West Star, the UST contractor hired to replace and test the replacement boots. ACDEH observed testing of the replacement test boots, which passed a 5 psi pressure test, demonstrating the functionality of the secondary containment components. Moreover, during a previous site visit ACDEH observed a piping transition sump located inside the main mail processing building that did not have a monitoring sensor as required. The UST system must be constructed with a monitoring system capable of detecting entry of liquid into secondary containment. Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2009
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This site is a large quantity generator
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS WASTE GENERATOR INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. THE FACILITY HAS 34 EMPLOYEES THAT HANDLE HAZARDOUS WASTE. AFTER REVIEWING THE GENERATOR'S DISPOSAL RECORDS AND BUSINESS OPERATIONS, IT WAS OBSERVED THE FACILITY IS A LARGE QUANTITY HAZARDOUS WASTE GENERATOR WHO GENERATES MORE THAN THAN 1000 KG OF HAZARDOUS WASTE PER MONTH. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous Waste Generator inspection report for USPS-Oakland VMF conducted on May 31, 2018 located at 1675 7th St , Oakland, CA have been corrected. I have personally examined any documentation attached to the certification to establish that the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete an announced inspection for an annual monitoring system certification. Contractor onsite to complete the annual monitoring certification is Tanknology. USPS operates 3 USTs at the facility, with 2 dispensers and a VR monitoring panel which is located in the supervisors office. The facility has not had a DO since May 2015 and no DO reports are available since that time. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted on the Notice to Comply and/or /Summary of Violations page(s) have been corrected. I have personally examined any documentation attached to the certification to establish that the violations have been corrected.
PRINT: _____
SIGN: _____
TITLE: _____
DATE: _____

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ACDEH staff complete a previously scheduled UST inspection for the USPS vehicle maintenance facility. The facility operates 3 diesel UST to fuel the postal service truck fleet and to supply a backup generator system located at the postal distribution center. Permission to complete the inspection was granted by facility representative Ernie Eugenio, maintenance manager. Facility has completed employee training annually as required, facility maintains a permit to operate from ACDEH and has updated CERS annually as required. During a previous annual monitoring system certification ACDEH noted that a fuel piping transition sump was not properly monitored as required by

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

regulation; a stand alone sensor with a remote audible/visual alarm -not connected to the Veever Root UST monitoring system- was installed and tested. All violations noted during the inspection were corrected during the inspection and no further action is required at this time.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation noted
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME.

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR ANNUAL MONITORING CERTIFICATION AND ROUTINE INSPECTION. THE SERVICE TECHNICIAN WAS BRENT BOWEN WITH TANKNOLOGY WHO POSSESSES THE CALIFORNIA UST ICC SERVICE TECHNICIAN CERTIFICATION THAT EXPIRES 6-23-19, THE VEEDER ROOT CERTIFICATION THAT EXPIRES 4-26-19 AND THE VMI CERTIFICATION THAT EXPIRES 6-9-19. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY MAY 26, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. DID NOT TEST DISPENSERS, FAIL-SAFE AND SENSOR OUT DUE TO NOT BEING ABLE TO AUTHORIZE ALL STP AND DISPENSER 4 NOT WORKING. THIS WAS RETESTED ON APRIL 13, 2018. ACDEH WAS NOT NOTIFIED OF TESTING.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: HW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Property Owner
Entity Name: U.S. Postal Service
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Tank Operator
Entity Name: UNTIED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Environmental Contact
Entity Name: PATRICK LANGSJOEN
Entity Title: Not reported
Affiliation Address: P.O. Box 889024
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94188
Affiliation Phone: (510) 874-8316

Affiliation Type Desc: Identification Signer
Entity Name: Ernesto Eugenio Jr.
Entity Title: MANAGER, VEHICLE MAINTENANCE FACILITY
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8282

Affiliation Type Desc: Parent Corporation
Entity Name: USPS - North Bay VMF
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: UST Tank Owner
Entity Name: UNITED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Michele Floren
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: U.S. POSTAL SERVICE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

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: (510) 874-8462

Affiliation Type Desc: UST Permit Applicant
Entity Name: ERNESTO EUGENIO JR
Entity Title: MANAGER VEHICLE MAINTENANCE
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Property Owner Name
Entity Name: UNITED STATES POSTAL SERVICE VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Site ID: 79565
CERS ID: 10411021
CERS Description: RCRA LQ HW Generator

Violations:

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 06/17/2016. Observations: primary facility contact lists Charley Simmons; however, Mr. Simmons retired in 3/2016 and has been replaced by Gary Pablo. Corrective Action: update CERS to reflect the correct primary emergency contact as Gary Pablo and notify ACDEH when the correction has been made to CERS. The violation was corrected during the inspection and no further action is required.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description: Failure to maintain entry fitting such that it properly seals to the containment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Notes: Returned to compliance on 01/21/2017. Observations: penetration fittings into the north and middle turbine sumps are not liquid tight and in bad condition, with visible disintegration of the fittings in evidence. Corrective action: penetration fittings in the north and middle UST turbine sumps with visible signs of disintegration must be replaced, with a permit from ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)

Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.

Violation Notes: Returned to compliance on 01/21/2017. Observation; no employee training has been completed since May 2015 Corrective Action: once a DO has been assigned train all employees on the UST system as required.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.

Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems.
Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record of UST maintenance and repair logs is available onsite. Corrective action: Maintain all UST repair, maintenance and other relevant documents onsite for the previous 3 years.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes: Returned to compliance on 01/21/2017. Observations: DO owner statement has expired and needs to be updated Corrective Action: update the DO statement in CERS
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a site map with all required content.
Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure of service technician, designated operator, installer, and/or employee to obtain and maintain a proper and current International Code Council certification.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Notes: Returned to compliance on 01/21/2017. Observations: facility does not currently have designated operator Corrective action: Contact and retain the services of an ICC certified designated operator and submit the tank owner designated operator agreement into CERS.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)

Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.

Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: The T-1 Diesel (North), T-Diesel (Middle) and T-3 Diesel (South) line leak detectors failed to detect a leak when tested. All line leak detectors shall be capable of detecting a 3-gallon per hour leak at 10 psi. CORRECTIVE ACTION. The Service technician replaced the T-Diesel (Middle) line leak detector and T-3 Diesel (South) line leak detector The T-1 Diesel (North) line leak detector was adjusted. All line leak detectors were retested during the inspection and passed. This was corrected on site.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violation Notes: Returned to compliance on 06/11/2018. OBSERVATION: This facility s EPA ID number CA6180090148 is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to have current UST Monitoring Plan available on site.

Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The monitoring plan on site is not approved by the CUPA. Line item 490-58 for all three tanks should be 794390-420. Please verify line item 451-b for all

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

three tanks for Striker Plate/ Bottom Protector. The monitoring and response plans must be current and approved by the CUPA. CORRECTIVE ACTION: Submit and maintain an accurate monitoring plan. Submit corrections by May 26, 2018.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)

Violation Description: Failure to notify the UPA 48 hours prior to testing.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Owner/Operator did not notify the CUPA 48hours prior to testing. During the annual monitoring certification the dispensers, sensor out and fail safe was not able to be tested due to not being able to authorize dispenser 4. The service technician stated that he would have to come back to the site complete the testing and that ACDEH would be notified. The test was completed on April 13, 2018, but ACDEH was not notified of the testing. CORRECTIVE ACTION: Ensure that the CUPA is provided 48 hours notification to the CUPA in the future.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291

Violation Description: Failure to install leak detection equipment correct for the type of system.
Violation Notes: Returned to compliance on 01/21/2017. Observations: Product conveyance piping for dispenser 3/4 is outside the footprint of the UDC mounting frame, and should a leak occur the fuel would may not be captured in the UDC. Corrective Action: relocate the product conveyance piping to be completely within the footprint of the UDC, thereby allowing any liquid that may be released to be captured within the UDC, and causing the electronic sensor in the UDC to alarm. Contact ACDEH prior to completing all piping replacement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
Violation Notes: Returned to compliance on 01/21/2017. Observations: The facility does not currently have a designated operator. Corrective Action: contact and retain the services of an ICC certified designated operator and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Division: update the DO certification in CERS
Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
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 06/17/2016. Observations: chemical inventory onsite is not reflected in the CERS submittal as the 1000 gallon used oil above ground storage tank is not noted on the chemical inventory. Corrective Action: update the chemical inventory to include the 1000 gallon used oil AST and notify ACDEH when the chemical inventory has been updated. The violation was corrected during the inspection and no further action is required.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).
Violation Notes: Returned to compliance on 05/31/2018. OBSERVATION: The designated operator failed to document all the alarms from the attached alarm history on the October 2017 designated operator monthly inspection report(s) and failed to check that they were responded to appropriately. The missing alarms include: L9 UDC 2 Dispenser Pan fuel alarm on 10-18-17 and 10-17-17. Also the L8 UDC 1 Dispenser Pan fuel alarm on 10-18-17 . During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was documented and responded to appropriately, and attach a copy of the alarm history with documentation to the response to any alarms to the monthly report. The designated operator failed to check and note the correct test dates for the secondary containment test on the March 2018 through April 2017 designated operator monthly inspection report(s). The secondary containment test date listed in the D.O report is April 8, 2016 instead of 6-15-15. During the monthly [Truncated]
Violation Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Owner/Operator did not maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. The T-3 Diesel (South) STP sump had approximately 24 ounces of liquid inside of it. CORRECTED ON SITE: The service technician removed the liquid from the sump. This was corrected on site.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.42(a), (b), (d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42(a), (b), (d)
Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isn't received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn't received within 45 days of the date the waste was accepted by the initial transporter.
Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: The facility did not complete all uniform manifest exception reporting requirements for manifest without the designated facility copies. Manifest that did not have the signed designated facility copy on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS CORRECTIVE ACTION: Prepare a uniform hazardous waste manifest exception report for all manifest listed above. Submit a copy of the reports to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Records of Annual Monitoring Certification (AMC) test results for the UST system were not found on site. The site did not have the April 2017 AMC test results, the April 2016 AMC test results, the April 2015 AMC test results and the June 2015 secondary containment test results. These records shall be kept on site for 3 years. CORRECTIVE ACTION: Immediately locate and maintain these records on site. Submit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

verification to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.
Violation Notes: Returned to compliance on 04/08/2016. Observation: 420 sensor in the interstitial space of UST 3 was removed for testing no float was present. The exterior of the sensor was oxidized and liquid was present on the sensor bell, indicating that residual liquid may be present in the UST interstitial space. The origin of the liquid is unknown and additional testing may be required to determine the source of the liquid. Corrective action: the 420 sensor float was repaired and approximately 200 ml of residual liquid was removed from the UST interstitial space. Violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes: Returned to compliance on 04/08/2016. Observation: spill bucket in the north and middle USTs contained residual liquid Corrective action: liquid in the spill bucket was removed and violation was corrected

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

during the inspection
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(d)
Violation Description: Failure to notify the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions.
Violation Notes: Returned to compliance on 01/21/2017. Observation: the facility does not currently have a DO under contract. Corrective Action: contact and retain the services of an ICC certified designated operator and update CERS with the owner DO statement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: Signed copies of manifest from the designated facility for the past 3 years were not found on site. Signed copies of manifest not found on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA with 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: A complete business plan has not been received by the CUPA. The annotated site map does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes: Returned to compliance on 04/13/2017. Observations: turbine sumps contained rain water Corrective Action: residual rain water was removed from the turbine sumps and the violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The UST tank information for all three diesel tanks is not current in CERS. Line item 490-58 is incorrectly list 794380-208 as the instead of 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Submit and maintain an accurate Tank information. Submit corrections by May 26, 2018.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record for maintenance, alarm logs is available in onsite documents: Corrective Action: maintain all alarm logs with proper follow up, UST system maintenance documents onsite for the previous 3 years. Obtain all maintenance and repair documents from contractor and maintain the documents onsite as required.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: 23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)
Violation Description: Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes: Returned to compliance on 04/13/2017. Observations: Annular space 420 sensor monitoring #3 diesel UST failed during testing. Corrective Action: the sensor was replaced and the violation was corrected during the inspection.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: a sensor fuel alarm was noted on 3/25/2016 and an automatic tank gage upgrade was completed. However, no notification or permit was obtained from ACDEH for this activity, and no work order or service record is available in the file for ATG upgrade. Corrective action: Obtain a work order/service request from Weston Solutions to verify that all work was completed by a licensed and ICC certified contractor and provide the documentation to ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were discovered at the time of the inspection.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The site was compliant at the time of inspection.
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled above ground storage tank inspection. USPS operates 1-1000 gallon used oil AST, 1-1000 gallon lubrication oil AST 2-110 gallon lubrication oil ASTs and 4-55 gallon ATF and lubrication drums. No violations were noted during the inspection.
Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled inspection for USPS vehicle maintenance facility and meet with facility representative Gary Pablo who granted access to complete the inspection. The facility has a current operating permit from ACDEH and information has been submitted to CERS, with the most recent submittal completed on 6/17/2016 to correct violations noted during the inspection. The facility is a tier 1 above ground storage tank facility and the SPCC plan has been implemented and updated as required. USPS operates 1-1000 gallon above ground storage (AST) storing used oil, which is connected to an electronic monitoring panel, 1-1000 gallon AST storing lubrication oil, 2-110 gallon AST for lubrication oil, 4-55 gallon drums of ATF and gear oil 1-250 gallon coolant AST, 1-200 gallon used coolant AST, compressed gases including ArCO2, Acetylene, Oxygen, Nitrogen and Argon. Employee training is completed on annually and training is documented electronically. Daily AST inspections [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-27-2016
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Type: Other, not routine, done by local agency
Eval Notes: Follow up for UST repair, discuss with contractor West Star. Arrive onsite to complete secondary containment testing for USPS facility. Penetration fitting in the piping and turbine sumps were in poor condition and require replacement, the penetration boots were replaced with similar boots and secondary containment testing was completed on the piping sump and the turbine sump. However, the secondary containment test boot for the piping did not pass testing and also required replacement, but the contractor did not have the replacement boots available and will order the replacement boots. Furthermore, during the site visit ACDEH found a piping sump for the backup generator inside the main post office facility was not monitored as required. Consequently, in the event of a release the release will not be detected at the earliest possible point. Moreover, in order to detect a release of into the secondary containment pipe transition sump a monitoring device must be installed.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-18-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ACDEH Completed a follow up inspection for secondary containment testing associated with the replacement of test boots for the flex pipe fuel supply and fuel return lines used to supply a backup generator system. Arrive onsite and meet with West Star, the UST contractor hired to replace and test the replacement boots. ACDEH observed testing of the replacement test boots, which passed a 5 psi pressure test, demonstrating the functionality of the secondary containment components. Moreover, during a previous site visit ACDEH observed a piping transition sump located inside the main mail processing building that did not have a monitoring sensor as required. The UST system must be constructed with a monitoring system capable of detecting entry of liquid into secondary containment. Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2009
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This site is a large quantity generator
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

HAZARDOUS WASTE GENERATOR INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. THE FACILITY HAS 34 EMPLOYEES THAT HANDLE HAZARDOUS WASTE. AFTER REVIEWING THE GENERATOR'S DISPOSAL RECORDS AND BUSINESS OPERATIONS, IT WAS OBSERVED THE FACILITY IS A LARGE QUANTITY HAZARDOUS WASTE GENERATOR WHO GENERATES MORE THAN THAN 1000 KG OF HAZARDOUS WASTE PER MONTH. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous Waste Generator inspection report for USPS-Oakland VMF conducted on May 31, 2018 located at 1675 7th St , Oakland, CA have been corrected. I have personally examined any documentation attached to the certification to establish that the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete an announced inspection for an annual monitoring system certification. Contractor onsite to complete the annual monitoring certification is Tanknology. USPS operates 3 USTs at the facility, with 2 dispensers and a VR monitoring panel which is located in the supervisors office. The facility has not had a DO since May 2015 and no DO reports are available since that time. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted on the Notice to Comply and/or /Summary of Violations page(s) have been corrected. I have personally examined any documentation attached to the certification to establish that the violations have been corrected.
PRINT: _____
SIGN: _____
TITLE: _____
DATE: _____

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ACDEH staff complete a previously scheduled UST inspection for the USPS vehicle maintenance facility. The facility operates 3 diesel UST to fuel the postal service truck fleet and to supply a backup generator system located at the postal distribution center. Permission to complete the inspection was granted by facility representative Ernie Eugenio, maintenance manager. Facility has completed employee training annually as required, facility maintains a permit to operate from ACDEH and has updated CERS annually as required. During a previous annual monitoring system certification ACDEH noted that a fuel piping transition sump was not properly monitored as required by regulation; a stand alone sensor with a remote audible/visual alarm -not connected to the Veever Root UST monitoring system- was installed and tested. All violations noted during the inspection were corrected

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

during the inspection and no further action is required at this time.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation noted
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME.

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR ANNUAL MONITORING CERTIFICATION AND ROUTINE INSPECTION. THE SERVICE TECHNICIAN WAS BRENT BOWEN WITH TANKNOLOGY WHO POSSESSES THE CALIFORNIA UST ICC SERVICE TECHNICIAN CERTIFICATION THAT EXPIRES 6-23-19, THE VEEDER ROOT CERTIFICATION THAT EXPIRES 4-26-19 AND THE VMI CERTIFICATION THAT EXPIRES 6-9-19. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY MAY 26, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. DID NOT TEST DISPENSERS, FAIL-SAFE AND SENSOR OUT DUE TO NOT BEING ABLE TO AUTHORIZE ALL STP AND DISPENSER 4 NOT WORKING. THIS WAS RETESTED ON APRIL 13, 2018. ACDEH WAS NOT NOTIFIED OF TESTING.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Property Owner
Entity Name: U.S. Postal Service
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Tank Operator
Entity Name: UNTIED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Environmental Contact
Entity Name: PATRICK LANGSJOEN
Entity Title: Not reported
Affiliation Address: P.O. Box 889024
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94188
Affiliation Phone: (510) 874-8316

Affiliation Type Desc: Identification Signer
Entity Name: Ernesto Eugenio Jr.
Entity Title: MANAGER, VEHICLE MAINTENANCE FACILITY
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8282

Affiliation Type Desc: Parent Corporation
Entity Name: USPS - North Bay VMF
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: UST Tank Owner
Entity Name: UNITED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Michele Floren
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: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Permit Applicant
Entity Name: ERNESTO EUGENIO JR
Entity Title: MANAGER VEHICLE MAINTENANCE
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Property Owner Name
Entity Name: UNITED STATES POSTAL SERVICE VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

CERS TANKS:

Site ID: 79565
CERS ID: 10411021
CERS Description: Underground Storage Tank

Violations:

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 06/17/2016. Observations: primary facility contact lists Charley Simmons; however, Mr. Simmons retired in 3/2016 and has been replaced by Gary Pablo. Corrective Action: update CERS to reflect the correct primary emergency contact as Gary Pablo and notify ACDEH when the correction has been made to CERS. The violation was corrected during the inspection and no further action is required.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description: Failure to maintain entry fitting such that it properly seals to the containment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: penetration

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

fittings into the north and middle turbine sumps are not liquid tight and in bad condition, with visible disintegration of the fittings in evidence. Corrective action: penetration fittings in the north and middle UST turbine sumps with visible signs of disintegration must be replaced, with a permit from ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)

Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.

Violation Notes: Returned to compliance on 01/21/2017. Observation; no employee training has been completed since May 2015 Corrective Action: once a DO has been assigned train all employees on the UST system as required.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.

Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems.

Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record of UST maintenance and repair logs is available onsite. Corrective action: Maintain all UST repair, maintenance and other relevant documents onsite for the previous 3 years.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.

Violation Notes: Returned to compliance on 01/21/2017. Observations: DO owner statement has expired and needs to be updated Corrective Action: update the DO statement in CERS

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a site map with all required content.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: Failure of service technician, designated operator, installer, and/or employee to obtain and maintain a proper and current International Code Council certification.

Violation Notes: Returned to compliance on 01/21/2017. Observations: facility does not

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

currently have designated operator Corrective action: Contact and retain the services of an ICC certified designated operator and submit the tank owner designated operator agreement into CERS.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)

Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.

Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: The T-1 Diesel (North), T-Diesel (Middle) and T-3 Diesel (South) line leak detectors failed to detect a leak when tested. All line leak detectors shall be capable of detecting a 3-gallon per hour leak at 10 psi. CORRECTIVE ACTION: The Service technician replaced the T-Diesel (Middle) line leak detector and T-3 Diesel (South) line leak detector The T-1 Diesel (North) line leak detector was adjusted. All line leak detectors were retested during the inspection and passed. This was corrected on site.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violation Notes: Returned to compliance on 06/11/2018. OBSERVATION: This facility's EPA ID number CA6180090148 is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to have current UST Monitoring Plan available on site.

Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The monitoring plan on site is not approved by the CUPA. Line item 490-58 for all three tanks should be 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. The monitoring and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

response plans must be current and approved by the CUPA. CORRECTIVE ACTION: Submit and maintain an accurate monitoring plan. Submit corrections by May 26, 2018.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)

Violation Description: Failure to notify the UPA 48 hours prior to testing.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Owner/Operator did not notify the CUPA 48hours prior to testing. During the annual monitoring certification the dispensers, sensor out and fail safe was not able to be tested due to not being able to authorize dispenser 4. The service technician stated that he would have to come back to the site complete the testing and that ACDEH would be notified. The test was completed on April 13, 2018, but ACDEH was not notified of the testing. CORRECTIVE ACTION: Ensure that the CUPA is provided 48 hours notification to the CUPA in the future.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291

Violation Description: Failure to install leak detection equipment correct for the type of system.
Violation Notes: Returned to compliance on 01/21/2017. Observations: Product conveyance piping for dispenser 3/4 is outside the footprint of the UDC mounting frame, and should a leak occur the fuel would may not be captured in the UDC. Corrective Action: relocate the product conveyance piping to be completely within the footprint of the UDC, thereby allowing any liquid that may be released to be captured within the UDC, and causing the electronic sensor in the UDC to alarm. Contact ACDEH prior to completing all piping replacement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
Violation Notes: Returned to compliance on 01/21/2017. Observations: The facility does not currently have a designated operator. Corrective Action: contact and retain the services of an ICC certified designated operator and update the DO certification in CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
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 06/17/2016. Observations: chemical inventory onsite is not reflected in the CERS submittal as the 1000 gallon used oil above ground storage tank is not noted on the chemical inventory. Corrective Action: update the chemical inventory to include the 1000 gallon used oil AST and notify ACDEH when the chemical inventory has been updated. The violation was corrected during the inspection and no further action is required.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).

Violation Notes: Returned to compliance on 05/31/2018. OBSERVATION: The designated operator failed to document all the alarms from the attached alarm history on the October 2017 designated operator monthly inspection report(s) and failed to check that they were responded to appropriately. The missing alarms include: L9 UDC 2 Dispenser Pan fuel alarm on 10-18-17 and 10-17-17. Also the L8 UDC 1 Dispenser Pan fuel alarm on 10-18-17 . During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was documented and responded to appropriately, and attach a copy of the alarm history with documentation to the response to any alarms to the monthly report. The designated operator failed to check and note the correct test dates for the secondary containment test on the March 2018 through April 2017 designated operator monthly inspection report(s). The secondary containment test date listed in the D.O report is April 8, 2016 instead of 6-15-15. During the monthly [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Owner/Operator did not maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. The T-3 Diesel (South) STP sump had approximately 24 ounces of liquid inside of it. CORRECTED ON SITE: The service technician removed the liquid from the sump. This was corrected on site.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.42(a), (b), (d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42(a), (b), (d)
Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isn t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn t received within 45 days of the date the waste was accepted by the initial transporter.
Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: The facility did not complete all uniform manifest exception reporting requirements for manifest without the designated facility copies. Manifest that did not have the signed designated facility copy on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS CORRECTIVE ACTION: Prepare a uniform hazardous waste manifest exception report for all manifest listed above. Submit a copy of the reports to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Records of Annual Monitoring Certification (AMC) test results for the UST system were not found on site. The site did not have the April 2017 AMC test results, the April 2016 AMC test results, the April 2015 AMC test results and the June 2015 secondary containment test results. These records shall be kept on site for 3 years. CORRECTIVE ACTION: Immediately locate and maintain these records on site. Submit verification to the CUPA within 30 days.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)

Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violation Notes: Returned to compliance on 04/08/2016. Observation: 420 sensor in the interstitial space of UST 3 was removed for testing no float was present. The exterior of the sensor was oxidized and liquid was present on the sensor bell, indicating that residual liquid may be present in the UST interstitial space. The origin of the liquid is unknown and additional testing may be required to determine the source of the liquid. Corrective action: the 420 sensor float was repaired and approximately 200 ml of residual liquid was removed from the UST interstitial space. Violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>."

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)

Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.

Violation Notes: Returned to compliance on 04/08/2016. Observation: spill bucket in the north and middle USTs contained residual liquid Corrective action: liquid in the spill bucket was removed and violation was corrected during the inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(d)
Violation Description: Failure to notify the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions.
Violation Notes: Returned to compliance on 01/21/2017. Observation: the facility does not currently have a DO under contract. Corrective Action: contact and retain the services of an ICC certified designated operator and update CERS with the owner DO statement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: Signed copies of manifest from the designated facility for the past 3 years were not found on site. Signed copies of manifest not found on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA with 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: A complete business plan has not been received by the CUPA. The annotated site map does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)

Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.

Violation Notes: Returned to compliance on 04/13/2017. Observations: turbine sumps contained rain water Corrective Action: residual rain water was removed from the turbine sumps and the violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The UST tank information for all three diesel tanks is not current in CERS. Line item 490-58 is incorrectly list 794380-208 as the instead of 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Submit and maintain an accurate Tank information. Submit corrections by May 26, 2018.

Violation Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record for maintenance, alarm logs is available in onsite documents: Corrective Action: maintain all alarm logs with proper follow up, UST system maintenance documents onsite for the previous 3 years. Obtain all maintenance and repair documents from contractor and maintain the documents onsite as required.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: 23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)
Violation Description: Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes: Returned to compliance on 04/13/2017. Observations: Annular space 420 sensor monitoring #3 diesel UST failed during testing. Corrective Action: the sensor was replaced and the violation was corrected during the inspection.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: a sensor fuel alarm was noted on 3/25/2016 and an automatic tank gage upgrade was completed. However, no notification or permit was obtained from ACDEH for this activity, and no work order or service record is available in the file for ATG upgrade. Corrective action: Obtain a work order/service request from Weston Solutions to verify that all work was completed by a licensed and ICC certified contractor and provide the documentation to ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were discovered at the time of the inspection.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The site was compliant at the time of inspection.
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled above ground storage tank inspection. USPS operates 1-1000 gallon used oil AST, 1-1000 gallon lubrication oil AST 2-110 gallon lubrication oil ASTs and 4-55 gallon ATF and lubrication drums. No violations were noted during the inspection.
Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled inspection for USPS vehicle maintenance facility and meet with facility representative Gary Pablo who granted access to complete the inspection. The facility has a current operating permit from ACDEH and information has been submitted to CERS, with the most recent submittal completed on 6/17/2016 to correct violations noted during the inspection. The facility is a tier 1 above ground storage tank facility and the SPCC plan has been implemented and updated as required. USPS operates 1-1000 gallon above ground storage (AST) storing used oil, which is connected to an electronic monitoring panel, 1-1000 gallon AST storing lubrication oil, 2-110 gallon AST for lubrication oil, 4-55 gallon drums of ATF and gear oil 1-250 gallon coolant AST, 1-200 gallon used coolant AST, compressed gases including ArCO2, Acetylene, Oxygen, Nitrogen and Argon. Employee training is completed on annually and training is documented electronically. Daily AST inspections [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Follow up for UST repair, discuss with contractor West Star. Arrive

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

onsite to complete secondary containment testing for USPS facility. Penetration fitting in the piping and turbine sumps were in poor condition and require replacement, the penetration boots were replaced with similar boots and secondary containment testing was completed on the piping sump and the turbine sump. However, the secondary containment test boot for the piping did not pass testing and also required replacement, but the contractor did not have the replacement boots available and will order the replacement boots. Furthermore, during the site visit ACDEH found a piping sump for the backup generator inside the main post office facility was not monitored as required. Consequently, in the event of a release the release will not be detected at the earliest possible point. Moreover, in order to detect a release of into the secondary containment pipe transition sump a monitoring device must be installed.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-18-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ACDEH Completed a follow up inspection for secondary containment testing associated with the replacement of test boots for the flex pipe fuel supply and fuel return lines used to supply a backup generator system. Arrive onsite and meet with West Star, the UST contractor hired to replace and test the replacement boots. ACDEH observed testing of the replacement test boots, which passed a 5 psi pressure test, demonstrating the functionality of the secondary containment components. Moreover, during a previous site visit ACDEH observed a piping transition sump located inside the main mail processing building that did not have a monitoring sensor as required. The UST system must be constructed with a monitoring system capable of detecting entry of liquid into secondary containment. Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2009
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This site is a large quantity generator
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS WASTE GENERATOR INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. THE FACILITY HAS 34 EMPLOYEES THAT HANDLE HAZARDOUS WASTE. AFTER REVIEWING THE GENERATOR'S DISPOSAL RECORDS AND BUSINESS OPERATIONS, IT WAS OBSERVED THE FACILITY IS A LARGE QUANTITY HAZARDOUS WASTE GENERATOR WHO GENERATES MORE THAN THAN 1000 KG OF HAZARDOUS WASTE PER MONTH. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous

Waste Generator inspection report for USPS-Oakland VMF conducted on May 31, 2018 located at 1675 7th St , Oakland, CA have been corrected.

I have personally examined any documentation attached to the certification to establish that the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete an announced inspection for an annual monitoring system certification. Contractor onsite to complete the annual monitoring certification is Tanknology. USPS operates 3 USTs at the facility, with 2 dispensers and a VR monitoring panel which is located in the supervisors office. The facility has not had a DO since May 2015 and no DO reports are available since that time. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted on the Notice to Comply and/or /Summary of Violations page(s) have been corrected. I have personally examined any documentation attached to the certification to establish that the violations have been corrected.

PRINT: _____
SIGN: _____
TITLE: _____
DATE: _____

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ACDEH staff complete a previously scheduled UST inspection for the USPS vehicle maintenance facility. The facility operates 3 diesel UST to fuel the postal service truck fleet and to supply a backup generator system located at the postal distribution center. Permission to complete the inspection was granted by facility representative Ernie Eugenio, maintenance manager. Facility has completed employee training annually as required, facility maintains a permit to operate from ACDEH and has updated CERS annually as required. During a previous annual monitoring system certification ACDEH noted that a fuel piping transition sump was not properly monitored as required by regulation; a stand alone sensor with a remote audible/visual alarm -not connected to the Veever Root UST monitoring system- was installed and tested. All violations noted during the inspection were corrected during the inspection and no further action is required at this time.

Eval Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation noted
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME.
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR ANNUAL MONITORING CERTIFICATION AND ROUTINE INSPECTION. THE SERVICE TECHNICIAN WAS BRENT BOWEN WITH TANKNOLOGY WHO POSSESSES THE CALIFORNIA UST ICC SERVICE TECHNICIAN CERTIFICATION THAT EXPIRES 6-23-19, THE VEEDER ROOT CERTIFICATION THAT EXPIRES 4-26-19 AND THE VMI CERTIFICATION THAT EXPIRES 6-9-19. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY MAY 26, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. DID NOT TEST DISPENSERS, FAIL-SAFE AND SENSOR OUT DUE TO NOT BEING ABLE TO AUTHORIZE ALL STP AND DISPENSER 4 NOT WORKING. THIS WAS RETESTED ON APRIL 13, 2018. ACDEH WAS NOT NOTIFIED OF TESTING.
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Property Owner
Entity Name: U.S. Postal Service
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Tank Operator
Entity Name: UNTIED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Environmental Contact
Entity Name: PATRICK LANGSJOEN
Entity Title: Not reported
Affiliation Address: P.O. Box 889024
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94188
Affiliation Phone: (510) 874-8316

Affiliation Type Desc: Identification Signer
Entity Name: Ernesto Eugenio Jr.
Entity Title: MANAGER, VEHICLE MAINTENANCE FACILITY
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation Type Desc: Legal Owner
Entity Name: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8282

Affiliation Type Desc: Parent Corporation
Entity Name: USPS - North Bay VMF
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: UST Tank Owner
Entity Name: UNITED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Michele Floren
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: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Permit Applicant
Entity Name: ERNESTO EUGENIO JR
Entity Title: MANAGER VEHICLE MAINTENANCE
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Property Owner Name
Entity Name: UNITED STATES POSTAL SERVICE VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Site ID: 79565
CERS ID: 10411021
CERS Description: Aboveground Petroleum Storage

Violations:

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 06/17/2016. Observations: primary facility contact lists Charley Simmons; however, Mr. Simmons retired in 3/2016 and has been replaced by Gary Pablo. Corrective Action: update CERS to reflect the correct primary emergency contact as Gary Pablo and notify ACDEH when the correction has been made to CERS. The violation was corrected during the inspection and no further action is required.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description: Failure to maintain entry fitting such that it properly seals to the containment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: penetration fittings into the north and middle turbine sumps are not liquid tight and in bad condition, with visible disintegration of the fittings in evidence. Corrective action: penetration fittings in the north and middle UST turbine sumps with visible signs of disintegration must be

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

replaced, with a permit from ACDEH.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes: Returned to compliance on 01/21/2017. Observation; no employee training has been completed since May 2015 Corrective Action: once a DO has been assigned train all employees on the UST system as required.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Notes: storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems. Returned to compliance on 01/21/2017. Observations: an incomplete record of UST maintenance and repair logs is available onsite. Corrective action: Maintain all UST repair, maintenance and other relevant documents onsite for the previous 3 years.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.

Violation Notes: Returned to compliance on 01/21/2017. Observations: DO owner statement has expired and needs to be updated Corrective Action: update the DO statement in CERS

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a site map with all required content.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: Failure of service technician, designated operator, installer, and/or employee to obtain and maintain a proper and current International Code Council certification.

Violation Notes: Returned to compliance on 01/21/2017. Observations: facility does not currently have designated operator Corrective action: Contact and retain the services of an ICC certified designated operator and submit the tank owner designated operator agreement into CERS.

Violation Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: The T-1 Diesel (North), T-Diesel (Middle) and T-3 Diesel (South) line leak detectors failed to detect a leak when tested. All line leak detectors shall be capable of detecting a 3-gallon per hour leak at 10 psi. CORRECTIVE ACTION: The Service technician replaced the T-Diesel (Middle) line leak detector and T-3 Diesel (South) line leak detector The T-1 Diesel (North) line leak detector was adjusted. All line leak detectors were retested during the inspection and passed. This was corrected on site.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 06/11/2018. OBSERVATION: This facility s EPA ID number CA6180090148 is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The monitoring plan on site is not approved by the CUPA. Line item 490-58 for all three tanks should be 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. The monitoring and response plans must be current and approved by the CUPA. CORRECTIVE ACTION: Submit and maintain an accurate monitoring plan. Submit corrections by May 26, 2018.
Violation Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description: Failure to notify the UPA 48 hours prior to testing.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Owner/Operator did not notify the CUPA 48hours prior to testing. During the annual monitoring certification the dispensers, sensor out and fail safe was not able to be tested due to not being able to authorize dispenser 4. The service technician stated that he would have to come back to the site complete the testing and that ACDEH would be notified. The test was completed on April 13, 2018, but ACDEH was not notified of the testing. CORRECTIVE ACTION: Ensure that the CUPA is provided 48 hours notification to the CUPA in the future.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to install leak detection equipment correct for the type of system.
Violation Notes: Returned to compliance on 01/21/2017. Observations: Product conveyance piping for dispenser 3/4 is outside the footprint of the UDC mounting frame, and should a leak occur the fuel would may not be captured in the UDC. Corrective Action: relocate the product conveyance piping to be completely within the footprint of the UDC, thereby allowing any liquid that may be released to be captured within the UDC, and causing the electronic sensor in the UDC to alarm. Contact ACDEH prior to completing all piping replacement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
Violation Notes: Returned to compliance on 01/21/2017. Observations: The facility does not currently have a designated operator. Corrective Action: contact and retain the services of an ICC certified designated operator and update the DO certification in CERS

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
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 06/17/2016. Observations: chemical inventory onsite is not reflected in the CERS submittal as the 1000 gallon used oil above ground storage tank is not noted on the chemical inventory. Corrective Action: update the chemical inventory to include the 1000 gallon used oil AST and notify ACDEH when the chemical inventory has been updated. The violation was corrected during the inspection and no further action is required.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).
Violation Notes: Returned to compliance on 05/31/2018. OBSERVATION: The designated operator failed to document all the alarms from the attached alarm history on the October 2017 designated operator monthly inspection report(s) and failed to check that they were responded to appropriately. The missing alarms include: L9 UDC 2 Dispenser Pan fuel alarm on 10-18-17 and 10-17-17. Also the L8 UDC 1 Dispenser Pan fuel alarm on 10-18-17 . During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was documented and responded to appropriately, and attach a copy of the alarm history with documentation to the response to any alarms to the monthly report. The designated operator failed to check and note the correct test dates for the secondary containment test on the March 2018 through April 2017 designated operator monthly inspection report(s). The secondary containment test date listed in the D.O report is April 8, 2016 instead of 6-15-15. During the monthly [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Date: 04-06-2018
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Owner/Operator did not maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. The T-3 Diesel (South) STP sump had approximately 24 ounces of liquid inside of it. CORRECTED ON SITE: The service technician removed the liquid from the sump. This was corrected on site.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.42(a), (b), (d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42(a), (b), (d)
Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isn t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn t received within 45 days of the date the waste was accepted by the initial transporter.
Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: The facility did not complete all uniform manifest exception reporting requirements for manifest without the designated facility copies. Manifest that did not have the signed designated facility copy on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS CORRECTIVE ACTION: Prepare a uniform hazardous waste manifest exception report for all manifest listed above. Submit a copy of the reports to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Records of Annual Monitoring Certification (AMC) test results for the UST system were not found on site. The site did not have the April 2017 AMC test results, the April 2016 AMC test results, the April 2015 AMC test results and the June 2015 secondary containment test results. These records shall be kept on site for 3 years. CORRECTIVE ACTION: Immediately locate and maintain these records on site. Submit verification to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.
Violation Notes: Returned to compliance on 04/08/2016. Observation: 420 sensor in the interstitial space of UST 3 was removed for testing no float was present. The exterior of the sensor was oxidized and liquid was present on the sensor bell, indicating that residual liquid may be present in the UST interstitial space. The origin of the liquid is unknown and additional testing may be required to determine the source of the liquid. Corrective action: the 420 sensor float was repaired and approximately 200 ml of residual liquid was removed from the UST interstitial space. Violation was corrected during the inspection
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS) at <http://cers.ca.gov/>.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes: Returned to compliance on 04/08/2016. Observation: spill bucket in the north and middle USTs contained residual liquid Corrective action: liquid in the spill bucket was removed and violation was corrected during the inspection
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(d)
Violation Description: Failure to notify the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions.
Violation Notes: Returned to compliance on 01/21/2017. Observation: the facility does not currently have a DO under contract. Corrective Action: contact and retain the services of an ICC certified designated operator and update CERS with the owner DO statement.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: Signed copies of manifest from the designated facility for the past 3 years were not found on site. Signed copies of manifest not found on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA with 30 days.
Violation Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: A complete business plan has not been received by the CUPA. The annotated site map does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)

Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.

Violation Notes: Returned to compliance on 04/13/2017. Observations: turbine sumps contained rain water Corrective Action: residual rain water was removed from the turbine sumps and the violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The UST tank information for all three diesel tanks is not current in CERS. Line item 490-58 is incorrectly list 794380-208 as the instead of 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Submit and maintain an accurate Tank information. Submit corrections by May 26, 2018.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record for maintenance, alarm logs is available in onsite documents: Corrective Action: maintain all alarm logs with proper follow up, UST system maintenance documents onsite for the previous 3 years. Obtain all maintenance and repair documents from contractor and maintain the documents onsite as required.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: 23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)
Violation Description: Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes: Returned to compliance on 04/13/2017. Observations: Annular space 420 sensor monitoring #3 diesel UST failed during testing. Corrective Action: the sensor was replaced and the violation was corrected during the inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: a sensor fuel alarm was noted on 3/25/2016 and an automatic tank gage upgrade was completed. However, no notification or permit was obtained from ACDEH for this activity, and no work order or service record is available in the file for ATG upgrade. Corrective action: Obtain a work order/service request from Weston Solutions to verify that all work was completed by a licensed and ICC certified contractor and provide the documentation to ACDEH.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were discovered at the time of the inspection.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The site was compliant at the time of inspection.
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled above ground storage tank inspection. USPS operates 1-1000 gallon used oil AST, 1-1000 gallon lubrication oil AST 2-110 gallon lubrication oil ASTs and 4-55 gallon ATF and lubrication drums. No violations were noted during the inspection.
Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled inspection for USPS vehicle maintenance facility and meet with facility representative Gary Pablo who granted access to complete the inspection. The facility has a current operating permit from ACDEH and information has been submitted to CERS, with the most recent submittal completed on 6/17/2016 to correct violations noted during the inspection. The facility is a tier 1 above ground storage tank facility and the SPCC plan has been implemented and updated as required. USPS operates 1-1000 gallon above ground storage (AST) storing used oil, which is connected to an electronic monitoring panel, 1-1000 gallon AST storing lubrication oil, 2-110 gallon AST for lubrication oil, 4-55 gallon drums of ATF and gear oil 1-250 gallon coolant AST, 1-200 gallon used coolant AST, compressed gases including ArCO2, Acetylene, Oxygen, Nitrogen and Argon. Employee training is completed on annually and training is documented electronically. Daily AST inspections [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Follow up for UST repair, discuss with contractor West Star. Arrive onsite to complete secondary containment testing for USPS facility. Penetration fitting in the piping and turbine sumps were in poor condition and require replacement, the penetration boots were replaced with similar boots and secondary containment testing was completed on

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

the piping sump and the turbine sump. However, the secondary containment test boot for the piping did not pass testing and also required replacement, but the contractor did not have the replacement boots available and will order the replacement boots. Furthermore, during the site visit ACDEH found a piping sump for the backup generator inside the main post office facility was not monitored as required. Consequently, in the event of a release the release will not be detected at the earliest possible point. Moreover, in order to detect a release of into the secondary containment pipe transition sump a monitoring device must be installed.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-18-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ACDEH Completed a follow up inspection for secondary containment testing associated with the replacement of test boots for the flex pipe fuel supply and fuel return lines used to supply a backup generator system. Arrive onsite and meet with West Star, the UST contractor hired to replace and test the replacement boots. ACDEH observed testing of the replacement test boots, which passed a 5 psi pressure test, demonstrating the functionality of the secondary containment components. Moreover, during a previous site visit ACDEH observed a piping transition sump located inside the main mail processing building that did not have a monitoring sensor as required. The UST system must be constructed with a monitoring system capable of detecting entry of liquid into secondary containment. Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2009
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This site is a large quantity generator
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS WASTE GENERATOR INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. THE FACILITY HAS 34 EMPLOYEES THAT HANDLE HAZARDOUS WASTE. AFTER REVIEWING THE GENERATOR'S DISPOSAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

RECORDS AND BUSINESS OPERATIONS, IT WAS OBSERVED THE FACILITY IS A LARGE QUANTITY HAZARDOUS WASTE GENERATOR WHO GENERATES MORE THAN THAN 1000 KG OF HAZARDOUS WASTE PER MONTH. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous Waste Generator inspection report for USPS-Oakland VMF conducted on May 31, 2018 located at 1675 7th St , Oakland, CA have been corrected. I have personally examined any documentation attached to the certification to establish that the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete an announced inspection for an annual monitoring system certification. Contractor onsite to complete the annual monitoring certification is Tanknology. USPS operates 3 USTs at the facility, with 2 dispensers and a VR monitoring panel which is located in the supervisors office. The facility has not had a DO since May 2015 and no DO reports are available since that time. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted on the Notice to Comply and/or /Summary of Violations page(s) have been corrected. I have personally examined any documentation attached to the certification to establish that the violations have been corrected.

PRINT: _____
SIGN: _____
TITLE: _____
DATE: _____

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ACDEH staff complete a previously scheduled UST inspection for the USPS vehicle maintenance facility. The facility operates 3 diesel UST to fuel the postal service truck fleet and to supply a backup generator system located at the postal distribution center. Permission to complete the inspection was granted by facility representative Ernie Eugenio, maintenance manager. Facility has completed employee training annually as required, facility maintains a permit to operate from ACDEH and has updated CERS annually as required. During a previous annual monitoring system certification ACDEH noted that a fuel piping transition sump was not properly monitored as required by regulation; a stand alone sensor with a remote audible/visual alarm -not connected to the Veever Root UST monitoring system- was installed and tested. All violations noted during the inspection were corrected during the inspection and no further action is required at this time.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation noted
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME.

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR ANNUAL MONITORING CERTIFICATION AND ROUTINE INSPECTION. THE SERVICE TECHNICIAN WAS BRENT BOWEN WITH TANKNOLOGY WHO POSSESSES THE CALIFORNIA UST ICC SERVICE TECHNICIAN CERTIFICATION THAT EXPIRES 6-23-19, THE VEEDER ROOT CERTIFICATION THAT EXPIRES 4-26-19 AND THE VMI CERTIFICATION THAT EXPIRES 6-9-19. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY MAY 26, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. DID NOT TEST DISPENSERS, FAIL-SAFE AND SENSOR OUT DUE TO NOT BEING ABLE TO AUTHORIZE ALL STP AND DISPENSER 4 NOT WORKING. THIS WAS RETESTED ON APRIL 13, 2018. ACDEH WAS NOT NOTIFIED OF TESTING.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Property Owner
Entity Name: U.S. Postal Service
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Tank Operator
Entity Name: UNTIED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Environmental Contact
Entity Name: PATRICK LANGSJOEN
Entity Title: Not reported
Affiliation Address: P.O. Box 889024
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94188
Affiliation Phone: (510) 874-8316

Affiliation Type Desc: Identification Signer
Entity Name: Ernesto Eugenio Jr.
Entity Title: MANAGER, VEHICLE MAINTENANCE FACILITY
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: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8282

Affiliation Type Desc: Parent Corporation
Entity Name: USPS - North Bay VMF
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: UST Tank Owner
Entity Name: UNITED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Michele Floren
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: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Permit Applicant

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Entity Name: ERNESTO EUGENIO JR
Entity Title: MANAGER VEHICLE MAINTENANCE
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Property Owner Name
Entity Name: UNITED STATES POSTAL SERVICE VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

CERS TANKS:

Site ID: 79565
CERS ID: 10411021
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 06/17/2016. Observations: primary facility contact lists Charley Simmons; however, Mr. Simmons retired in 3/2016 and has been replaced by Gary Pablo. Corrective Action: update CERS to reflect the correct primary emergency contact as Gary Pablo and notify ACDEH when the correction has been made to CERS. The violation was corrected during the inspection and no further action is required.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description: Failure to maintain entry fitting such that it properly seals to the containment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: penetration fittings into the north and middle turbine sumps are not liquid tight and in bad condition, with visible disintegration of the fittings in evidence. Corrective action: penetration fittings in the north and middle UST turbine sumps with visible signs of disintegration must be replaced, with a permit from ACDEH.
Violation Division: Alameda County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.

Violation Notes: Returned to compliance on 01/21/2017. Observation; no employee training has been completed since May 2015 Corrective Action: once a DO has been assigned train all employees on the UST system as required.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.

Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Notes: a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems. Returned to compliance on 01/21/2017. Observations: an incomplete record of UST maintenance and repair logs is available onsite. Corrective action: Maintain all UST repair, maintenance and other relevant documents onsite for the previous 3 years.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.

Violation Notes: Returned to compliance on 01/21/2017. Observations: DO owner statement has expired and needs to be updated Corrective Action: update the DO statement in CERS

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a site map with all required content.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: Failure of service technician, designated operator, installer, and/or employee to obtain and maintain a proper and current International Code Council certification.

Violation Notes: Returned to compliance on 01/21/2017. Observations: facility does not currently have designated operator Corrective action: Contact and retain the services of an ICC certified designated operator and submit the tank owner designated operator agreement into CERS.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: The T-1 Diesel (North), T-Diesel (Middle) and T-3 Diesel (South) line leak detectors failed to detect a leak when tested. All line leak detectors shall be capable of detecting a 3-gallon per hour leak at 10 psi. CORRECTIVE ACTION: The Service technician replaced the T-Diesel (Middle) line leak detector and T-3 Diesel (South) line leak detector The T-1 Diesel (North) line leak detector was adjusted. All line leak detectors were retested during the inspection and passed. This was corrected on site.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 06/11/2018. OBSERVATION: This facility s EPA ID number CA6180090148 is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The monitoring plan on site is not approved by the CUPA. Line item 490-58 for all three tanks should be 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. The monitoring and response plans must be current and approved by the CUPA. CORRECTIVE ACTION: Submit and maintain an accurate monitoring plan. Submit corrections by May 26, 2018.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description: Failure to notify the CUPA 48 hours prior to testing.
Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Owner/Operator did not notify the CUPA 48 hours prior to testing. During the annual monitoring certification the dispensers, sensor out and fail safe was not able to be tested due to not being able to authorize dispenser 4. The service technician stated that he would have to come back to the site complete the testing and that ACDEH would be notified. The test was completed on April 13, 2018, but ACDEH was not notified of the testing. CORRECTIVE ACTION: Ensure that the CUPA is provided 48 hours notification to the CUPA in the future.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to install leak detection equipment correct for the type of system.
Violation Notes: Returned to compliance on 01/21/2017. Observations: Product conveyance piping for dispenser 3/4 is outside the footprint of the UDC mounting frame, and should a leak occur the fuel would may not be captured in the UDC. Corrective Action: relocate the product conveyance piping to be completely within the footprint of the UDC, thereby allowing any liquid that may be released to be captured within the UDC, and causing the electronic sensor in the UDC to alarm. Contact ACDEH prior to completing all piping replacement.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
Violation Notes: Returned to compliance on 01/21/2017. Observations: The facility does not currently have a designated operator. Corrective Action: contact and retain the services of an ICC certified designated operator and update the DO certification in CERS
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 06-17-2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

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 06/17/2016. Observations: chemical inventory onsite is not reflected in the CERS submittal as the 1000 gallon used oil above ground storage tank is not noted on the chemical inventory. Corrective Action: update the chemical inventory to include the 1000 gallon used oil AST and notify ACDEH when the chemical inventory has been updated. The violation was corrected during the inspection and no further action is required.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).

Violation Notes: Returned to compliance on 05/31/2018. OBSERVATION: The designated operator failed to document all the alarms from the attached alarm history on the October 2017 designated operator monthly inspection report(s) and failed to check that they were responded to appropriately. The missing alarms include: L9 UDC 2 Dispenser Pan fuel alarm on 10-18-17 and 10-17-17. Also the L8 UDC 1 Dispenser Pan fuel alarm on 10-18-17. During the monthly inspection, the designated operator shall review the alarm history for the previous month, check that each alarm was documented and responded to appropriately, and attach a copy of the alarm history with documentation to the response to any alarms to the monthly report. The designated operator failed to check and note the correct test dates for the secondary containment test on the March 2018 through April 2017 designated operator monthly inspection report(s). The secondary containment test date listed in the D.O report is April 8, 2016 instead of 6-15-15. During the monthly [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.

Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Owner/Operator did not maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. The T-3 Diesel (South) STP sump had approximately 24 ounces of liquid inside of it. CORRECTED ON SITE: The service technician removed the liquid from the sump. This was corrected on site.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.42(a), (b), (d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42(a), (b), (d)

Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isn t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn t received within 45 days of the date the waste was accepted by the initial transporter.

Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: The facility did not complete all uniform manifest exception reporting requirements for manifest without the designated facility copies. Manifest that did not have the signed designated facility copy on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS CORRECTIVE ACTION: Prepare a uniform hazardous waste manifest exception report for all manifest listed above. Submit a copy of the reports to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST.

Violation Notes: Returned to compliance on 05/24/2018. OBSERVATION: Records of Annual Monitoring Certification (AMC) test results for the UST system were not found on site. The site did not have the April 2017 AMC test results, the April 2016 AMC test results, the April 2015 AMC test results and the June 2015 secondary containment test results. These records shall be kept on site for 3 years. CORRECTIVE ACTION: Immediately locate and maintain these records on site. Submit verification to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)

Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violation Notes: Returned to compliance on 04/08/2016. Observation: 420 sensor in the interstitial space of UST 3 was removed for testing no float was present. The exterior of the sensor was oxidized and liquid was present on the sensor bell, indicating that residual liquid may be present in the UST interstitial space. The origin of the liquid is unknown and additional testing may be required to determine the source of the liquid. Corrective action: the 420 sensor float was repaired and approximately 200 ml of residual liquid was removed from the UST interstitial space. Violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The annotated site map submitted to the CUPA does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS) at <http://cers.ca.epa.ca.gov/>.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)

Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.

Violation Notes: Returned to compliance on 04/08/2016. Observation: spill bucket in the north and middle USTs contained residual liquid Corrective action: liquid in the spill bucket was removed and violation was corrected during the inspection

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Citation: 23 CCR 16 2715(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(d)

Violation Description: Failure to notify the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions.

Violation Notes: Returned to compliance on 01/21/2017. Observation: the facility does not currently have a DO under contract. Corrective Action: contact and retain the services of an ICC certified designated operator and update CERS with the owner DO statement.

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715

Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.

Violation Notes: Returned to compliance on 01/21/2017. Observations: the facility has an incomplete record for the required monthly designated operator inspections reports. Corrective action: monthly designated operator inspections are required to be documented and a copy of the inspection shall be maintained onsite for review during the annual UST monitoring system certification

Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 08/01/2018. OBSERVATION: Signed copies of manifest from the designated facility for the past 3 years were not found on site. Signed copies of manifest not found on site: - 006447893SKS - 005507969SKS - 005370205SKS - 005371129SKS - 004787420SKS Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA with 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 05-31-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/05/2018. OBSERVATION: A complete business plan has not been received by the CUPA. The annotated site map does not include all of the hazardous materials listed in the Hazardous Materials Inventory Page. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes: Returned to compliance on 04/13/2017. Observations: turbine sumps contained rain water Corrective Action: residual rain water was removed from the turbine sumps and the violation was corrected during the inspection
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-06-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: The UST tank information for all three diesel tanks is not current in CERS. Line item 490-58 is incorrectly list 794380-208 as the instead of 794390-420. Please verify line item 451-b for all three tanks for Striker Plate/ Bottom Protector. Any change of information must be updated in CERS within 30 days of the change. CORRECTIVE ACTION: Submit and maintain an accurate Tank information. Submit corrections by May 26, 2018.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Violation Description: 16, Section(s) 2712(b)
Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions
Violation Notes: Returned to compliance on 01/21/2017. Observations: an incomplete record for maintenance, alarm logs is available in onsite documents: Corrective Action: maintain all alarm logs with proper follow up, UST system maintenance documents onsite for the previous 3 years. Obtain all maintenance and repair documents from contractor and maintain the documents onsite as required.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-13-2017
Citation: 23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)

Violation Description: Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes: Returned to compliance on 04/13/2017. Observations: Annular space 420 sensor monitoring #3 diesel UST failed during testing. Corrective Action: the sensor was replaced and the violation was corrected during the inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 79565
Site Name: USPS - Oakland VMF
Violation Date: 04-08-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712

Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes: Returned to compliance on 01/21/2017. Observations: a sensor fuel alarm was noted on 3/25/2016 and an automatic tank gage upgrade was completed. However, no notification or permit was obtained from ACDEH for this activity, and no work order or service record is available in the file for ATG upgrade. Corrective action: Obtain a work order/service request from Weston Solutions to verify that all work was completed by a licensed and ICC certified contractor and provide the documentation to ACDEH.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were discovered at the time of the inspection.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The site was compliant at the time of inspection.
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled above ground storage tank inspection. USPS operates 1-1000 gallon used oil AST, 1-1000 gallon lubrication oil AST 2-110 gallon lubrication oil ASTs and 4-55 gallon ATF and lubrication drums. No violations were noted during the inspection.
Eval Division: Alameda County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete a previously scheduled inspection for USPS vehicle maintenance facility and meet with facility representative Gary Pablo who granted access to complete the inspection. The facility has a current operating permit from ACDEH and information has been submitted to CERS, with the most recent submittal completed on 6/17/2016 to correct violations noted during the inspection. The facility is a tier 1 above ground storage tank facility and the SPCC plan has been implemented and updated as required. USPS operates 1-1000 gallon above ground storage (AST) storing used oil, which is connected to an electronic monitoring panel, 1-1000 gallon AST storing lubrication oil, 2-110 gallon AST for lubrication oil, 4-55 gallon drums of ATF and gear oil 1-250 gallon coolant AST, 1-200 gallon used coolant AST, compressed gases including ArCO2, Acetylene, Oxygen, Nitrogen and Argon. Employee training is completed on annually and training is documented electronically. Daily AST inspections [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Follow up for UST repair, discuss with contractor West Star. Arrive onsite to complete secondary containment testing for USPS facility. Penetration fitting in the piping and turbine sumps were in poor condition and require replacement, the penetration boots were replaced with similar boots and secondary containment testing was completed on the piping sump and the turbine sump. However, the secondary containment test boot for the piping did not pass testing and also required replacement, but the contractor did not have the replacement boots available and will order the replacement boots. Furthermore,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

during the site visit ACDEH found a piping sump for the backup generator inside the main post office facility was not monitored as required. Consequently, in the event of a release the release will not be detected at the earliest possible point. Moreover, in order to detect a release of into the secondary containment pipe transition sump a monitoring device must be installed.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-18-2016

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: ACDEH Completed a follow up inspection for secondary containment testing associated with the replacement of test boots for the flex pipe fuel supply and fuel return lines used to supply a backup generator system. Arrive onsite and meet with West Star, the UST contractor hired to replace and test the replacement boots. ACDEH observed testing of the replacement test boots, which passed a 5 psi pressure test, demonstrating the functionality of the secondary containment components. Moreover, during a previous site visit ACDEH observed a piping transition sump located inside the main mail processing building that did not have a monitoring sensor as required. The UST system must be constructed with a monitoring system capable of detecting entry of liquid into secondary containment. Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-12-2009

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: This site is a large quantity generator

Eval Division: Oakland City Fire Department

Eval Program: HW

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Eval Date: 05-31-2018

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS WASTE GENERATOR INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. THE FACILITY HAS 34 EMPLOYEES THAT HANDLE HAZARDOUS WASTE. AFTER REVIEWING THE GENERATOR'S DISPOSAL RECORDS AND BUSINESS OPERATIONS, IT WAS OBSERVED THE FACILITY IS A LARGE QUANTITY HAZARDOUS WASTE GENERATOR WHO GENERATES MORE THAN THAN 1000 KG OF HAZARDOUS WASTE PER MONTH. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Waste Generator inspection report for USPS-Oakland VMF conducted on May 31, 2018 located at 1675 7th St , Oakland, CA have been corrected. I have personally examined any documentation attached to the certification to establish that the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete an announced inspection for an annual monitoring system certification. Contractor onsite to complete the annual monitoring certification is Tanknology. USPS operates 3 USTs at the facility, with 2 dispensers and a VR monitoring panel which is located in the supervisors office. The facility has not had a DO since May 2015 and no DO reports are available since that time. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted on the Notice to Comply and/or /Summary of Violations page(s) have been corrected. I have personally examined any documentation attached to the certification to establish that the violations have been corrected.
PRINT: _____
SIGN: _____
TITLE: _____
DATE: _____

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ACDEH staff complete a previously scheduled UST inspection for the USPS vehicle maintenance facility. The facility operates 3 diesel UST to fuel the postal service truck fleet and to supply a backup generator system located at the postal distribution center. Permission to complete the inspection was granted by facility representative Ernie Eugenio, maintenance manager. Facility has completed employee training annually as required, facility maintains a permit to operate from ACDEH and has updated CERS annually as required. During a previous annual monitoring system certification ACDEH noted that a fuel piping transition sump was not properly monitored as required by regulation; a stand alone sensor with a remote audible/visual alarm -not connected to the Veever Root UST monitoring system- was installed and tested. All violations noted during the inspection were corrected during the inspection and no further action is required at this time.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation noted

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH ON SITE FOR HAZARDOUS MATERIALS BUSINESS PLAN INSPECTION. ESCORTED BY ERNESTO EUGENIO JR, THE MAINTENANCE MANAGER AND SALVADOR SERRANO, THE SUPERVISOR VEHICLE MAINTENANCE. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JUNE 30, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME.

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR ANNUAL MONITORING CERTIFICATION AND ROUTINE INSPECTION. THE SERVICE TECHNICIAN WAS BRENT BOWEN WITH TANKNOLOGY WHO POSSESSES THE CALIFORNIA UST ICC SERVICE TECHNICIAN CERTIFICATION THAT EXPIRES 6-23-19, THE VEEDER ROOT CERTIFICATION THAT EXPIRES 4-26-19 AND THE VMI CERTIFICATION THAT EXPIRES 6-9-19. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY MAY 26, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. DID NOT TEST DISPENSERS, FAIL-SAFE AND SENSOR OUT DUE TO NOT BEING ABLE TO AUTHORIZE ALL STP AND DISPENSER 4 NOT WORKING. THIS WAS RETESTED ON APRIL 13, 2018. ACDEH WAS NOT NOTIFIED OF TESTING.

Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Property Owner
Entity Name: U.S. Postal Service
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Tank Operator
Entity Name: UNTIED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Environmental Contact
Entity Name: PATRICK LANGSJOEN
Entity Title: Not reported
Affiliation Address: P.O. Box 889024
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94188
Affiliation Phone: (510) 874-8316

Affiliation Type Desc: Identification Signer
Entity Name: Ernesto Eugenio Jr.
Entity Title: MANAGER, VEHICLE MAINTENANCE FACILITY
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: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation Phone: (510) 874-8282

Affiliation Type Desc: Parent Corporation
Entity Name: USPS - North Bay VMF
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: UST Tank Owner
Entity Name: UNITED STATES POSTAL SERVICE-VMF
Entity Title: Not reported
Affiliation Address: 1675 7th STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615-9351
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1675 7TH STREET
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Michele Floren
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: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Permit Applicant
Entity Name: ERNESTO EUGENIO JR
Entity Title: MANAGER VEHICLE MAINTENANCE
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USPS - OAKLAND VMF (Continued)

S121792151

Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (510) 874-8462

Affiliation Type Desc: UST Property Owner Name
 Entity Name: UNITED STATES POSTAL SERVICE VMF
 Entity Title: Not reported
 Affiliation Address: 1675 7th STREET
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 94615-9351
 Affiliation Phone: (510) 874-8462

A8
SW
< 1/8
0.024 mi.
129 ft.

USPS - OAKLAND P&DC
1675 7TH ST
OAKLAND, CA 94615
Site 8 of 13 in cluster A

CERS HAZ WASTE
CERS

S121792150
N/A

Relative:
Lower
Actual:
14 ft.

CERS HAZ WASTE:
 Site ID: 79564
 CERS ID: 10411012
 CERS Description: Hazardous Waste Generator

Violations:

Site ID: 79564
 Site Name: USPS - Oakland P&DC
 Violation Date: 06-18-2018
 Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
 Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 07/13/2018. "OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The hazardous materials inventory page does not include the diesel or the sulfuric acid in the gel cell batteries. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate. The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Review, revise, and certify [Truncated]

Violation Division: Alameda County Environmental Health
 Violation Program: HMRRP
 Violation Source: CERS

Site ID: 79564
 Site Name: USPS - Oakland P&DC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Violation Date: 03-14-2014
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to properly label the following categories of universal waste as: 1) Each batteries or the container in which the batteries are contained as "Universal Waste-Battery(ies)". 2) Each mercury-containing equipment or the container in which the mercury-containing equipment is contained as "Universal Waste -Mercury-Containing Equipment". 3) Each Florescent lamp or the container or package in which the lamps are contained as "Universal Waste-Lamp(s)". 4) Each electronic devices or the container or pallet in or on which the electronic devices are contained as "Universal Waste-Electronic Device(s)". 5) Each CRTs or the container or pallet in or on which the CRTs are contained as "Universal Waste-CRT(s)". 6) A container of CRT glass shall be labeled or marked clearly with the following phrase: "Universal Waste-CRT glass". 7) In lieu of labeling individual electronic devices, CRTs, and/or containers of CRT glass pursuant to subsections d) through f) of this section, a universal waste handler may combine, package, and accumulate those universal wastes in appropriate containers or within a designated area demarcated by boundaries that are clearly labeled with the applicable portion(s) of the following phrase: "Universal Waste-Electronic Device(s)/Universal Waste - CRT(s)/Universal Waste-CRT Glass".
Violation Notes: Returned to compliance on 11/20/2014. Fluorescent light bulbs were not labeled as universal waste.
Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the uniform hazardous waste manifest exception requirements.
Violation Notes: Returned to compliance on 11/20/2014. A TSDf copy of the manifest for asbestos was not received within 30 days; and no one sent an exception letter to DTSC on the 35th day.
Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 07/13/2018. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for the diesel and sulfuric acid in the gel batteries on site. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate. The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
Citation: 40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)

Violation Description: Failure to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tanks.
Violation Notes: Returned to compliance on 11/20/2014. Based on the condition of the 90-day combustible hazardous waste storage area weekly inspections have not been performed.

Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-17-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 06/17/2016. Observations: EPA generator ID number is currently inactive. Corrective Action: reactivate the EPA generator number and notify ACDEH when the number has been reactivated. During the inspection the facility contacted Cal EPA and reactivated the generator ID and violation was corrected during the inspection and no further action is required.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
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 11/20/2014. Based on the general condition of hazardous waste storage areas i.e., accumulation dates exceeded, insufficient aisle space, stacking of hazardous waste containers etc., employee hazardous waste management training should be repeated.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 07/13/2018. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of changes to the hazardous materials inventory. The hazardous materials inventory page does not include the diesel or the sulfuric acid in the gel cell batteries. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate. The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Review, [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 02-18-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 02/26/2016.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
Citation: 22 CCR 12 66262.34(b)(1) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(b)(1)
Violation Description: Failure to dispose of hazardous waste after the first 100-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes: Returned to compliance on 11/20/2014. 6-containers in the outside

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

hazardous waste combustible storage enclosure exceeded the 90-day waste accumulation date.

Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 08/01/2018. OBSERVATION: Two 5 gallon containers of used oil did not have a hazardous waste label. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all containers are marked with all the required information. Submit evidence to the CUPA within 30 days.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 07/13/2018. OBSERVATION: A complete business plan has not been received by the CUPA. The hazardous materials inventory page does not include the diesel or the sulfuric acid in the gel cell batteries. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate. The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR HAZARDOUS MATERIALS BUSINESS (HMBP) INSPECTION. ESCORTED BY LUCIANO REYES, JR, THE MAINTENANCE ENGINEERING SPECIALIST. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JULY 18, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. PLEASE UPDATE THE PRIMARY EMERGENCY CONTACT IN THE BUSINESS OWNER /OPERATOR PAGE. PLEASE VERIFY THE AMOUNT OF HAZARDOUS MATERIALS LISTED IN THE INVENTORY IS ABOVE THE REPORTING THRESHOLD (55 GALLONS LIQUID, 500 POUNDS SOLIDS AND 200 CUBIC FEET FOR COMPRESSED GAS), IF NOT THE CHEMICAL CAN BE REMOVED FROM THE INVENTORY.

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-18-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: During my site inspection 5-Hazardous waste management violations were =e cited.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Completed a previously scheduled inspection for a USPS vehicle maintenance facility. Hazardous waste at the facility includes 1-1000 gallon used oil AST serviced on bi-weekly basis by Evergreen Env., 1-200 gallon used coolant AST 1-55 gallon drum of spent absorbent, used oil filters, 2-55 gallon drums of oil liquid from the oil water separator and 1-55 gallon drum of aerosol can treated as universal waste. The EPA generator ID # was reactivated during the inspection and weekly hazardous waste storage area inspections are completed and documented. All violations noted during the inspection were corrected during the inspection.
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Eval Date: 06-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR HAZARDOUS WASTE GENERATOR (HWG) INSPECTION. ESCORTED BY LUCIANO REYES, JR, THE MAINTENANCE ENGINEERING SPECIALIST. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JULY 18, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. THE FACILITY HAS 3 EMPLOYEES THAT HANDLE HAZARDOUS WASTE. AFTER REVIEWING THE GENERATOR'S DISPOSAL RECORDS AND BUSINESS OPERATIONS, IT WAS OBSERVED THE FACILITY IS A SMALL QUANTITY HAZARDOUS WASTE GENERATOR WHO GENERATES MORE THAN 100 KG, BUT LESS THAN 1000 KG OF HAZARDOUS WASTE PER MONTH. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous Waste Generator inspection report for USPS- Oakland P & DC conducted on June 18, 2018 located at 1675 7th St, Oakland, CA 94615 have been corrected. I have personally examined any documentation attached to the certification to establish that the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Close out inspection for the USPS Container Repair Facility No violations were observed.

Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: During my inspection the site HMBP was reviewed and found to need revision.

Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 79564
Site Name: USPS - Oakland P&DC
Site Address: 1675 7TH ST
Site City: OAKLAND
Site Zip: 94615
Enf Action Date: 02-19-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Alameda County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 79564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Site Name: USPS - Oakland P&DC
Site Address: 1675 7TH ST
Site City: OAKLAND
Site Zip: 94615
Enf Action Date: 07-25-2014
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: \$500.00.
Enf Action Division: Oakland City Fire Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Site Address: 1675 7TH ST
Site City: OAKLAND
Site Zip: 94615
Enf Action Date: 07-25-2014
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: \$500.00. Failure to send copy of return to compliance within 30 days.
Enf Action Division: Oakland City Fire Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Environmental Contact
Entity Name: Luciano Reyes, Jr.
Entity Title: Not reported
Affiliation Address: 1675 7th Street, RM 244-1W
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8315

Affiliation Type Desc: Operator
Entity Name: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8282

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Affiliation Type Desc: Parent Corporation
Entity Name: USPS - Oakland P&DC
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: Luciano Reyes
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: 1675 7th Street
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Pedro Ortiz
Entity Title: A/Senior 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

Affiliation Type Desc: Legal Owner
Entity Name: U.S.Postal Service
Entity Title: Not reported
Affiliation Address: 1675 7th Street
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8282

CERS TANKS:
Site ID: 79564
CERS ID: 10411012
CERS Description: Chemical Storage Facilities

Violations:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 07/13/2018. "OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. The hazardous materials inventory page does not include the diesel or the sulfuric acid in the gel cell batteries. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate. The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Review, revise, and certify [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to properly label the following categories of universal waste as: 1) Each batteries or the container in which the batteries are contained as "Universal Waste-Battery(ies)". 2) Each mercury-containing equipment or the container in which the mercury-containing equipment is contained as "Universal Waste -Mercury-Containing Equipment". 3) Each Florescent lamp or the container or package in which the lamps are contained as "Universal Waste-Lamp(s)". 4) Each electronic devices or the container or pallet in or on which the electronic devices are contained as "Universal Waste-Electronic Device(s)". 5) Each CRTs or the container or pallet in or on which the CRTs are contained as "Universal Waste-CRT(s)". 6) A container of CRT glass shall be labeled or marked clearly with the following phrase: "Universal Waste-CRT glass". 7) In lieu of labeling individual electronic devices, CRTs, and/or containers of CRT glass pursuant to subsections d) through f) of this section, a universal waste handler may combine, package, and accumulate those universal wastes in appropriate containers or within a designated area demarcated by boundaries that are clearly labeled with the applicable portion(s) of the following phrase: "Universal Waste-Electronic Device(s)/Universal Waste - CRT(s)/Universal Waste-CRT Glass".
Violation Notes: Returned to compliance on 11/20/2014. Fluorescent light bulbs were not labeled as universal waste.
Violation Division: Oakland City Fire Department
Violation Program: HW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
Citation: 22 CCR 12 66262.42 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42
Violation Description: Failure to complete the uniform hazardous waste manifest exception requirements.
Violation Notes: Returned to compliance on 11/20/2014. A TSDf copy of the manifest for asbestos was not received within 30 days; and no one sent an exception letter to DTSC on the 35th day.
Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 07/13/2018. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for the diesel and sulfuric acid in the gel batteries on site. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate. The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
Citation: 40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description: Failure to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tanks.
Violation Notes: Returned to compliance on 11/20/2014. Based on the condition of the 90-day combustible hazardous waste storage area weekly inspections have not been performed.
Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-17-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 06/17/2016. Observations: EPA generator ID number is currently inactive. Corrective Action: reactivate the EPA generator number and notify ACDEH when the number has been reactivated. During the inspection the facility contacted Cal EPA and reactivated the generator ID and violation was corrected during the inspection and no further action is required.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
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 11/20/2014. Based on the general condition of hazardous waste storage areas i.e., accumulation dates exceeded, insufficient aisle space, stacking of hazardous waste containers etc., employee hazardous waste management training should be repeated.
Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 07/13/2018. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of changes to the hazardous materials inventory. The hazardous materials inventory page does not include the diesel or the sulfuric acid in the gel cell batteries. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Review, [Truncated]

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 02-18-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 02/26/2016.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 03-14-2014
Citation: 22 CCR 12 66262.34(b)(1) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(b)(1)
Violation Description: Failure to dispose of hazardous waste after the first 100-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes: Returned to compliance on 11/20/2014. 6-containers in the outside hazardous waste combustible storage enclosure exceeded the 90-day waste accumulation date.
Violation Division: Oakland City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 08/01/2018. OBSERVATION: Two 5 gallon containers of used oil did not have a hazardous waste label. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all containers are marked with all the required information. Submit evidence to the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Site ID: 79564
Site Name: USPS - Oakland P&DC
Violation Date: 06-18-2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/13/2018. OBSERVATION: A complete business plan has not been received by the CUPA. The hazardous materials inventory page does not include the diesel or the sulfuric acid in the gel cell batteries. The hydraulic oil largest container size is listed as 55 gallons instead of 120 gallons and the max daily amount is listed as 1 gallon instead of 565 gallons. The used ink largest container size is listed as 1 gallon instead of 55 gallons and the max daily amount is listed as 1 gallon instead of 55 gallons. The refrigerant gas R134a largest container size is listed 26 pounds instead of 30 pounds and max daily amount is listed as 1 pound instead of 150 pounds. The Refrigerant R12 max daily amount is not accurate. The Refrigerant Gas R-22 max daily amount is not accurate. The Refrigerant gas R-408A max daily amount is not accurate. The Refrigerant R410A max daily amount is not accurate. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR HAZARDOUS MATERIALS BUSINESS (HMBP) INSPECTION. ESCORTED BY LUCIANO REYES, JR, THE MAINTENANCE ENGINEERING SPECIALIST. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JULY 18, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. PLEASE UPDATE THE PRIMARY EMERGENCY CONTACT IN THE BUSINESS OWNER /OPERATOR PAGE. PLEASE VERIFY THE AMOUNT OF HAZARDOUS MATERIALS LISTED IN THE INVENTORY IS ABOVE THE REPORTING THRESHOLD (55 GALLONS LIQUID, 500 POUNDS SOLIDS AND 200 CUBIC FEET FOR COMPRESSED GAS), IF NOT THE CHEMICAL CAN BE REMOVED FROM THE INVENTORY.
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-18-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Eval Date: 03-14-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: During my site inspection 5-Hazardous waste management violations were =e cited.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Completed a previously scheduled inspection for a USPS vehicle maintenance facility. Hazardous waste at the facility includes 1-1000 gallon used oil AST serviced on bi-weekly basis by Evergreen Env., 1-200 gallon used coolant AST 1-55 gallon drum of spent absorbent, used oil filters, 2-55 gallon drums of oil liquid from the oil water separator and 1-55 gallon drum of aerosol can treated as universal waste. The EPA generator ID # was reactivated during the inspection and weekly hazardous waste storage area inspections are completed and documented. All violations noted during the inspection were corrected during the inspection.

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH (ACDEH) ON SITE FOR HAZARDOUS WASTE GENERATOR (HWG) INSPECTION. ESCORTED BY LUCIANO REYES, JR, THE MAINTENANCE ENGINEERING SPECIALIST. ALL VIOLATIONS NOTED IN THE INSPECTION REPORT SHALL BE CORRECTED BY JULY 18, 2018 AND ANY VERIFICATION DOCUMENTATION SUBMITTED WITHIN THE SAME TIME FRAME. THE FACILITY HAS 3 EMPLOYEES THAT HANDLE HAZARDOUS WASTE. AFTER REVIEWING THE GENERATOR'S DISPOSAL RECORDS AND BUSINESS OPERATIONS, IT WAS OBSERVED THE FACILITY IS A SMALL QUANTITY HAZARDOUS WASTE GENERATOR WHO GENERATES MORE THAN 100 KG, BUT LESS THAN 1000 KG OF HAZARDOUS WASTE PER MONTH. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous Waste Generator inspection report for USPS- Oakland P & DC conducted on June 18, 2018 located at 1675 7th St, Oakland, CA 94615 have been corrected. I have personally examined any documentation attached to the certification to establish that the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Close out inspection for the USPS Container Repair Facility No violations were observed.
Eval Division: Oakland City Fire Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: During my inspection the site HMBP was reviewed and found to need revision.
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 79564
Site Name: USPS - Oakland P&DC
Site Address: 1675 7TH ST
Site City: OAKLAND
Site Zip: 94615
Enf Action Date: 02-19-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Alameda County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Site Address: 1675 7TH ST
Site City: OAKLAND
Site Zip: 94615
Enf Action Date: 07-25-2014
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: \$500.00.
Enf Action Division: Oakland City Fire Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Site ID: 79564
Site Name: USPS - Oakland P&DC
Site Address: 1675 7TH ST
Site City: OAKLAND
Site Zip: 94615
Enf Action Date: 07-25-2014
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: \$500.00. Failure to send copy of return to compliance within 30 days.
Enf Action Division: Oakland City Fire Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Environmental Contact
Entity Name: Luciano Reyes, Jr.
Entity Title: Not reported
Affiliation Address: 1675 7th Street, RM 244-1W
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8315

Affiliation Type Desc: Operator
Entity Name: U.S. POSTAL SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 874-8282

Affiliation Type Desc: Parent Corporation
Entity Name: USPS - Oakland P&DC
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: Luciano Reyes
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: 1675 7th Street
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94615

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - OAKLAND P&DC (Continued)

S121792150

Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Pedro Ortiz
Entity Title: A/Senior 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

Affiliation Type Desc: Legal Owner
Entity Name: U.S.Postal Service
Entity Title: Not reported
Affiliation Address: 1675 7th Street
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94615
Affiliation Phone: (510) 874-8282

**A9
SW
< 1/8
0.024 mi.
129 ft.**

**US POSTAL SERVICE - BUILDING MAINTENANCE
1675 7TH STREET
OAKLAND, CA 94615**

**RCRA NonGen / NLR 1000376240
PADS CA6180090148
FINDS**

Site 9 of 13 in cluster A

**Relative:
Lower
Actual:
14 ft.**

RCRA NonGen / NLR:
Date form received by agency: 10/22/1996
Facility name: US POSTAL SERVICW
Facility address: 1675 7TH AVE
OAKLAND, CA 94606
EPA ID: CA6180090148
Mailing address: 1675 SEVENTH STREET
OAKLAND, CA 94515
Contact: ENVIRONMENTAL MANAGER
Contact address: 1675 SEVENTH STREET
OAKLAND, CA 94515
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: US POSTAL SERVICE
Owner/operator address: 1675 7TH STREET
OAKLAND, CA 94615
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - BUILDING MAINTENANCE (Continued)

1000376240

Legal status: Federal
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

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 12/16/1996
Date achieved compliance: 12/16/2001
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

Evaluation Action Summary:

Evaluation date: 10/22/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/16/2001
Evaluation lead agency: EPA

PADS:

EPAID: CA6180090148
Facility name: PROCESSING AND DISTRIBUTION CENTER
Facility Address: 1675 7TH STREET
OAKLAND, CA 94615-9343
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - BUILDING MAINTENANCE (Continued)

1000376240

Facility owner name: U.S. POSTAL SERVICE
Contact title: Not reported
Contact name: LESTER E BURTNER
Contact tel: 510-874-8316
Contact extension: Not reported
Contact Email: Not reported
Mailing address: 1675 7TH STREET
OAKLAND, CA 94615-9343
Mailing country: US
Cert. date: 10/06/2000

FINDS:

Registry ID: 110066561376

Environmental Interest/Information System
STATE MASTER

Registry ID: 110058334681

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

Registry ID: 110059732552

Environmental Interest/Information System
STATE MASTER

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

**A10
SW
< 1/8
0.024 mi.
129 ft.**

**MAIN POST OFFICE
1675 - 7TH STREET
OAKLAND, CA 94615
Site 10 of 13 in cluster A**

**HIST UST U001599439
N/A**

**Relative:
Lower
Actual:
14 ft.**

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000066335
Facility Type: Other
Other Type: POST OFFICE
Contact Name: Not reported
Telephone: 4158748222
Owner Name: S.S. SILBERBLATT INC & OAKLAND
Owner Address: 81 CENTRE AVENUE, ROOM 202
Owner City,St,Zip: NEW ROCHELLE, NY 10801-721
Total Tanks: 0001

Tank Num: 001
Container Num: 003
Year Installed: 1969
Tank Capacity: 00008000
Tank Used for: WASTE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MAIN POST OFFICE (Continued)

U001599439

Type of Fuel: 4
 Container Construction Thickness: X
 Leak Detection: None

A11
SW
 < 1/8
 0.024 mi.
 129 ft.

MAIN OFFICE VEHICLE MAINTENANC
1675-7TH STREET
OAKLAND, CA 94615
 Site 11 of 13 in cluster A

HIST UST **U001599438**
N/A

Relative:
Lower
Actual:
14 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000037434
Facility Type:	Other
Other Type:	U.S. POSTAL SERVICE
Contact Name:	Not reported
Telephone:	4158748462
Owner Name:	S.S. SILBERBLATT INC.
Owner Address:	81 CENTRE AVENUE, ROOM 202
Owner City,St,Zip:	NEW ROCHELLE, NY 10801
Total Tanks:	0006

Tank Num:	001
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	001A
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	001B
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	001C
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN OFFICE VEHICLE MAINTENANC (Continued)

U001599438

Leak Detection: Visual

Tank Num: 005
Container Num: 002
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 001D
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

A12
SW
< 1/8
0.024 mi.
129 ft.

MAIN POST OFFICE
1675 7TH STREET
OAKLAND, CA 94615

Site 12 of 13 in cluster A

AST S112853803
HIST UST N/A
HAZNET

Relative:
Lower
Actual:
14 ft.

AST:
Certified Unified Program Agencies: Not reported
Owner: U.S. POSTAL SERVICE
Total Gallons: Not reported
CERSID: 10411021
Facility ID: Not reported
Business Name: USPS - Oakland VMF
Phone: (510) 874-8462
Fax: (510) 433-7555
Mailing Address: 1675 7TH STREET
Mailing Address City: OAKLAND
Mailing Address State: CA
Mailing Address Zip Code: 94615
Operator Name: U.S. POSTAL SERVICE
Operator Phone: (510) 874-8462
Owner Phone: (510) 874-8282
Owner Mail Address: 1675 7TH STREET
Owner State: CA
Owner Zip Code: 94615
Owner Country: United States
Property Owner Name: U.S. POSTAL SERVICE
Property Owner Phone: (510) 874-8462
Property Owner Mailing Address: 1675 7TH STREET
Property Owner City: OAKLAND
Property Owner Stat : CA
Property Owner Zip Code: 94615
Property Owner Country: United States
EPAID: CA6180090148

HIST UST:
File Number: 000362E2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN POST OFFICE (Continued)

S112853803

URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000362E2.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

HAZNET:

envid: S112853803
Year: 1994
GEPID: CAC000929408
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: OAKLAND, CA 946150000
Gen County: Not reported
TSD EPA ID: NYD986980233
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Treatment, Incineration
Tons: .0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S112853803
Year: 1994
GEPID: CAC000929408
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN POST OFFICE (Continued)

S112853803

Mailing Address: Not reported
Mailing City,St,Zip: OAKLAND, CA 946150000
Gen County: Not reported
TSD EPA ID: NYD986980233
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCBs
Disposal Method: Recycler
Tons: .7747
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

**A13
SW
< 1/8
0.024 mi.
129 ft.
Relative:
Lower
Actual:
14 ft.**

**OAKLAND MAIN POST OFFICE PARKING STRUCT.
1675 7TH STREET
OAKLAND, CA 94607
Site 13 of 13 in cluster A**

**ENVIROSTOR
LUST
CPS-SLIC
Alameda County CS
VCP
EMI
HIST CORTESE
NPDES
WDS
CERS
CIWQS**

**S100947861
N/A**

ENVIROSTOR:

Facility ID: 1430001
Status: Certified
Status Date: 02/01/1995
Site Code: 200497
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80518
Longitude: -122.3007
APN: NONE SPECIFIED
Past Use: UNKNOWN
Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100443
Global Id: T0600100443
Latitude: 37.8051387832371
Longitude: -122.301650047302
Status: Completed - Case Closed
Status Date: 05/20/2014
Case Worker: Not reported
RB Case Number: 01-0487
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000016
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: In November 1991, one 5,000-gallon gasoline UST, two 10,000-gallon diesel USTs, one 750-gallon waste-oil UST, dispensers, and associated piping were removed from the site and replaced with two diesel USTs and one aboveground WOT. Elevated petroleum hydrocarbons were reported in soil collected from the excavation sidewalls. In June 1992, one 10,000-gallon diesel UST was removed. Groundwater contained 72,000 a%/L TPHd. Monitoring wells were installed in 1994. Free product was observed in MW-4 in the June 2002 monitoring event. Free product bailing and adsorbent socks were deployed. Groundwater monitoring discontinued in 2003. The site was evaluated for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy and was closed on May 20, 2014. Based upon the information available in our files to date, no further investigation or cleanup for the fuel leak case is necessary at this time. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>.

LUST:

Global Id: T0600100443
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

LUST:

Global Id:	T0600100443
Action Type:	Other
Date:	11/08/1991
Action:	Leak Stopped
Global Id:	T0600100443
Action Type:	RESPONSE
Date:	04/30/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0600100443
Action Type:	ENFORCEMENT
Date:	07/22/2011
Action:	Staff Letter - #20110722
Global Id:	T0600100443
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Notice of Violation - #20090724
Global Id:	T0600100443
Action Type:	Other
Date:	11/13/1991
Action:	Leak Discovery
Global Id:	T0600100443
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600100443
Action Type:	REMEDIATION
Date:	11/08/1991
Action:	Excavation
Global Id:	T0600100443
Action Type:	RESPONSE
Date:	09/24/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T0600100443
Action Type:	ENFORCEMENT
Date:	11/19/2013
Action:	Notification - Public Notice of Case Closure - #20131119
Global Id:	T0600100443
Action Type:	ENFORCEMENT
Date:	05/20/2014
Action:	Closure/No Further Action Letter - #20140520
Global Id:	T0600100443
Action Type:	RESPONSE
Date:	05/19/2014
Action:	Well Destruction Report - Regulator Responded
Global Id:	T0600100443

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Action Type: ENFORCEMENT
Date: 07/25/2013
Action: Staff Letter - #20130725

Global Id: T0600100443
Action Type: Other
Date: 11/13/1991
Action: Leak Reported

Global Id: T0600100443
Action Type: ENFORCEMENT
Date: 01/22/2014
Action: Staff Letter - #20140122

LUST:

Global Id: T0600100443
Status: Completed - Case Closed
Status Date: 05/20/2014

Global Id: T0600100443
Status: Open - Case Begin Date
Status Date: 11/08/1991

Global Id: T0600100443
Status: Open - Eligible for Closure
Status Date: 11/19/2013

Global Id: T0600100443
Status: Open - Site Assessment
Status Date: 10/08/1999

LUST REG 2:

Region: 2
Facility Id: 01-0487
Facility Status: Preliminary site assessment underway
Case Number: 3775
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/23/1992
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Region: STATE
Facility Status: Open - Inactive
Status Date: 01/21/2016
Global Id: T10000001615
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0003012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Latitude: 37.8061899056257
Longitude: -122.301435470581
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency Warehouse
Potential Media Affected: Not reported
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: In 2009 the Postal Service installed an elevator which required an excavation of approximately 15 feet square by 10 feet deep. During the excavation fuel odors and stained soil were encountered. Subsequent soil sampling was performed on April 23, 2009 and May 12, 2009. The maximum detected concentrations were 12,000 ppm TPHd, 400 ppm TPHg, 430 ppm TPHmo, 11 ppm naphthalene, and 3.4 ppm arsenic. While groundwater was said to be encountered between 10 and 10.5 feet in the excavation, no sample was collected. The case is currently inactive.

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

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0003012
PE: 5502
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0003012
PE: 5502
Facility Status: Pollution Characterization
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0003012
PE: 5502
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000016
PE: 5602
Facility Status: Pollution Characterization
Latitude: 37.806334925
Longitude: -122.30013342

Status: Case Closed
Record Id: RO0000016
PE: 5602
Facility Status: Case Closed
Latitude: 37.806334925
Longitude: -122.30013342

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

VCP:

Facility ID: 1430001
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200497
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 02/01/1995
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80518 / -122.3007
APN: NONE SPECIFIED
Past Use: UNKNOWN
Potential COC: 30013
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:

Year: 2011
County Code: 1
Air Basin: SF
Facility ID: 21130
Air District Name: BA
SIC Code: 4311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Total Organic Hydrocarbon Gases Tons/Yr:	0.004
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0.018
NOX - Oxides of Nitrogen Tons/Yr:	0.03
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0
Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	21130
Air District Name:	BA
SIC Code:	4311
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.004
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0.018
NOX - Oxides of Nitrogen Tons/Yr:	0.03
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0030737704918
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0.003
Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	21130
Air District Name:	BA
SIC Code:	4311
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.004
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0.018
NOX - Oxides of Nitrogen Tons/Yr:	0.03
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.003
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0.003
Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	21130
Air District Name:	BA
SIC Code:	4311
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.003041939
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.018485967
NOX - Oxides of Nitrogen Tons/Yr:	0.030133683
SOX - Oxides of Sulphur Tons/Yr:	3.1918e-005
Particulate Matter Tons/Yr:	0.002154043

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Part. Matter 10 Micrometers and Smlr Tons/Yr:0.002067881

Year: 2015
County Code: 1
Air Basin: SF
Facility ID: 21130
Air District Name: BA
SIC Code: 4311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.002923147
Reactive Organic Gases Tons/Yr: 0.002823285
Carbon Monoxide Emissions Tons/Yr: 0.01405036
NOX - Oxides of Nitrogen Tons/Yr: 0.031218513
SOX - Oxides of Sulphur Tons/Yr: 2.4348e-005
Particulate Matter Tons/Yr: 0.000832121
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000798837

Year: 2016
County Code: 1
Air Basin: SF
Facility ID: 21130
Air District Name: BA
SIC Code: 4311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.002923147
Reactive Organic Gases Tons/Yr: 0.0025679846395
Carbon Monoxide Emissions Tons/Yr: 0.01405036
NOX - Oxides of Nitrogen Tons/Yr: 0.031218517
SOX - Oxides of Sulphur Tons/Yr: 2.4348e-005
Particulate Matter Tons/Yr: 0.000832121
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000798837

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0487

NPDES:

Facility Status: Active
NPDES Number: CAS000001
Region: 2
Agency Number: 0
Regulatory Measure ID: 180801
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 2 01NEC000555
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/21/1992
Termination Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 2070 N Broadway Road
Discharge Name: US Postal Service
Discharge City: Walnut Creek
Discharge State: California
Discharge Zip: 94596
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: 2
Regulatory Measure ID: 180801
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 2 01NEC000555
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/21/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: US Postal Service
Discharge Address: 2070 N Broadway Road
Discharge City: Walnut Creek
Discharge State: California
Discharge Zip: 94596
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	180801
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01NEC000555
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:	09/09/2015
Processed Date:	04/21/1992
Status:	Active
Status Date:	09/09/2015
Place Size:	892980

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Place Size Unit:	Acres
Contact:	Ernesto Eugenio Jr.
Contact Title:	Not reported
Contact Phone:	510-874-8462
Contact Phone Ext:	Not reported
Contact Email:	ernesto.eugeniojr@usps.gov
Operator Name:	US Postal Service
Operator Address:	2070 N Broadway Road
Operator City:	Walnut Creek
Operator State:	California
Operator Zip:	94596
Operator Contact:	Ernesto Eugenio Jr.
Operator Contact Title:	Manager vehicle maintenance
Operator Contact Phone:	510-874-8471
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ernesto.eugeniojr@usps.gov
Operator Type:	Federal Agency
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	510-874-8462
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	San Francisco Bay
Certifier:	Gerard Koontz
Certifier Title:	Manager Fleet Operations (Region)
Certification Date:	26-SEP-16
Primary Sic:	4311-United States Postal Service
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 01NEC000555
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 09/09/2015
Operator Name: US Postal Service
Operator Address: 2070 N Broadway Road
Operator City: Walnut Creek
Operator State: California
Operator Zip: 94596

NPDES as of 03/2018:

NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 2
Regulatory Measure ID: 180801
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 2 01NEC000555
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/21/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: US Postal Service
Discharge Address: 2070 N Broadway Road
Discharge City: Walnut Creek
Discharge State: California
Discharge Zip: 94596
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	180801
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01NEC000555
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/09/2015
Processed Date:	04/21/1992
Status:	Active
Status Date:	09/09/2015
Place Size:	892980
Place Size Unit:	Acres
Contact:	Ernesto Eugenio Jr.
Contact Title:	Not reported
Contact Phone:	510-874-8462
Contact Phone Ext:	Not reported
Contact Email:	ernesto.eugeniojr@usps.gov
Operator Name:	US Postal Service
Operator Address:	2070 N Broadway Road
Operator City:	Walnut Creek
Operator State:	California
Operator Zip:	94596
Operator Contact:	Ernesto Eugenio Jr.
Operator Contact Title:	Manager vehicle maintenance
Operator Contact Phone:	510-874-8471
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ernesto.eugeniojr@usps.gov
Operator Type:	Federal Agency
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	510-874-8462
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	San Francisco Bay
Certifier:	Gerard Koontz
Certifier Title:	Manager Fleet Operations (Region)
Certification Date:	26-SEP-16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Primary Sic: 4311-United States Postal Service
Secondary Sic: Not reported
Tertiary Sic: Not reported

WDS:

Facility ID: San Francisco Bay 011006115
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 5108748462
Facility Contact: VMF MANAGER
Agency Name: US POSTAL SER
Agency Address: 1675 7th St
Agency City,St,Zip: Oakland 946150002
Agency Contact: VMF MANAGER
Agency Telephone: 8002758777
Agency Type: ?
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS TANKS:

Site ID: 257645
CERS ID: T0600100443
CERS Description: Leaking Underground Storage Tank Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MAIN POST OFFICE PARKING STRUCT. (Continued)

S100947861

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Site ID: 260078
CERS ID: T10000001615
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CIWQS:

Agency: US Postal Service
Agency Address: 2070 N Broadway Road, Walnut Creek, CA 94596
Place/Project Type: Industrial - United States Postal Service
SIC/NAICS: 4311
Region: 2
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 01NEC000555
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 04/21/1992
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.80493
Longitude: -122.30053

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
14 NE < 1/8 0.030 mi. 161 ft.	CYRUS ESTHER MRS 1647 8TH ST OAKLAND, CA	EDR Hist Cleaner	1009140934 N/A
Relative: Higher	EDR Hist Cleaner		
Actual: 15 ft.	Year: 1933 Name: CYRUS ESTHER MRS	Type: LAUNDRIES-HAND	
B15 SE < 1/8 0.064 mi. 338 ft.	M & W CLEANERS 1604 7TH ST OAKLAND, CA Site 1 of 6 in cluster B	EDR Hist Cleaner	1009141449 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 14 ft.	Year: 1967 Name: M & W CLEANERS	Type: CLEANERS AND DYERS	
B16 SE < 1/8 0.073 mi. 384 ft.	ALEVIZOS N P 1599 7TH ST OAKLAND, CA Site 2 of 6 in cluster B	EDR Hist Auto	1009122959 N/A
Relative: Lower	EDR Hist Auto		
Actual: 14 ft.	Year: 1933 Name: ALEVIZOS N P	Type: GASOLINE AND OIL SERVICE STATIONS	
C17 SSE < 1/8 0.083 mi. 436 ft.	GELLITCH PIERRE 520 PERALTA ST OAKLAND, CA Site 1 of 5 in cluster C	EDR Hist Auto	1009014001 N/A
Relative: Lower	EDR Hist Auto		
Actual: 13 ft.	Year: 1928 Name: GELLITCH PIERRE	Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS	
D18 West < 1/8 0.088 mi. 465 ft.	KANO I 1726 7TH ST OAKLAND, CA Site 1 of 3 in cluster D	EDR Hist Cleaner	1009140938 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 14 ft.	Year: 1928 Name: KANO I 1933 KONDO SEKI	Type: LAUNDRIES-ORIENTAL LAUNDRIES-HAND	

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
D19 West < 1/8 0.090 mi. 474 ft.	HOSHISAKI G S 1725 7TH ST OAKLAND, CA Site 2 of 3 in cluster D	EDR Hist Cleaner	1009142886 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 14 ft.	Year: Name: 1925 HOSHISAKI G S 1933 HOSHISAKI S	Type: CLEANERS DYERS AND PRESSERS CLOTHES PRESSERS AND CLEANERS	
<hr/>			
D20 West < 1/8 0.091 mi. 479 ft.	WALLACE MILTON H 1740 7TH ST OAKLAND, CA 94607 Site 3 of 3 in cluster D	EDR Hist Auto	1020361699 N/A
Relative: Lower	EDR Hist Auto		
Actual: 14 ft.	Year: Name: 1969 WALLACE MILTON H 1970 WALLACE MILTON H 1971 WALLACE MILTON H	Type: Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations	
<hr/>			
B21 SE < 1/8 0.091 mi. 479 ft.	MOREIRA M M 1587 7TH ST OAKLAND, CA Site 3 of 6 in cluster B	EDR Hist Auto	1009014202 N/A
Relative: Lower	EDR Hist Auto		
Actual: 14 ft.	Year: Name: 1943 MOREIRA M M 1969 VENERABLE EDWARD 1970 VENERABLE EDWARD 1971 VENERABLE EDWARD 1972 VENERABLE EDWARD 1973 VENERABLE EDWARD 1974 VENERABLE EDWARD 1975 VENERABLE EDWARD	Type: GASOLINE AND OIL SERVICE STATIONS Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations	
<hr/>			
B22 ESE < 1/8 0.098 mi. 515 ft.	PERALTA LAUNDERETTE 1576 7TH ST OAKLAND, CA Site 4 of 6 in cluster B	EDR Hist Cleaner	1009143017 N/A
Relative: Higher	EDR Hist Cleaner		
Actual: 15 ft.	Year: Name: 1967 PERALTA LAUNDERETTE	Type: LAUNDRIES	

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B23
SE
< 1/8
0.099 mi.
525 ft.

ALLEN GEO
1579 7TH ST
OAKLAND, CA
Site 5 of 6 in cluster B

EDR Hist Cleaner **1009140325**
N/A

Relative:
Lower

EDR Hist Cleaner

Actual:
14 ft.

Year: Name:
1925 ALLEN GEO

Type:
CLEANERS DYERS AND PRESSERS

C24
South
< 1/8
0.100 mi.
527 ft.

NAVAL SUPPLY CENTER, OAKLAND - OAKLAND FISC UST 51
500 CORNER OF 5TH AND C
OAKLAND, CA 94610
Site 2 of 5 in cluster C

CERS TANKS **S121751878**
CERS **N/A**

Relative:
Lower

CERS TANKS:

Actual:
13 ft.

Site ID: 205167
CERS ID: T0604192077
CERS Description: Military Underground Storage Tank Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ALEC NAUGLE - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

C25
SE
< 1/8
0.102 mi.
537 ft.

LOT AT 530-542 LEWIS STREET
530-542 LEWIS STREET
OAKLAND, CA 94607
Site 3 of 5 in cluster C

SEMS-ARCHIVE **1001212408**
CA0002059467

Relative:
Lower

SEMS Archive:

Actual:
13 ft.

Site ID: 905369
EPA ID: CA0002059467
Cong District: Not reported
FIPS Code: 6001
FF: Not reported
NPL: NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status: Not reported
Latitude: Not reported
Longitude: Not reported

SEMS Archive Detail:

Region: 9
Site ID: 905369
EPA ID: CA0002059467
Site Name: LOT AT 530-542 LEWIS STREET
NPL: N
FF: N
OU: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT AT 530-542 LEWIS STREET (Continued)

1001212408

Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not reported
 Finish Date: 2003-09-15 00:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf In-Hse

Region: 9
 Site ID: 905369
 EPA ID: CA0002059467
 Site Name: LOT AT 530-542 LEWIS STREET
 NPL: N
 FF: N
 OU: 0
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: 2002-04-17 00:00:00
 Finish Date: 2003-02-04 00:00:00
 Qual: N
 Current Action Lead: St Perf

Region: 9
 Site ID: 905369
 EPA ID: CA0002059467
 Site Name: LOT AT 530-542 LEWIS STREET
 NPL: N
 FF: N
 OU: 0
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1997-09-25 00:00:00
 Finish Date: 1997-09-25 00:00:00
 Qual: Not reported
 Current Action Lead: St Perf

C26
SE
 < 1/8
 0.105 mi.
 553 ft.

528 LEWIS STREET
528 LEWIS STREET
OAKLAND, CA 94607
Site 4 of 5 in cluster C

HIST Cal-Sites **S105749935**
CERS **N/A**

Relative:
Lower
Actual:
13 ft.

Calsite:
 Region: BERKELEY
 Facility ID: 01880002
 Facility Type: STATE
 Type: STATE FUNDED SITE
 Branch: NC
 Branch Name: NORTH COAST
 File Name: Not reported
 State Senate District: 06182004
 Status: CERTIFIED AS HAVING BEEN REMEDIATED SATISFACTORILY UNDER DTSC OVERSIGHT
 Status Name: CERTIFIED
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 NPL: Not Listed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

528 LEWIS STREET (Continued)

S105749935

SIC Code: 88
SIC Name: PRIVATE HOUSEHOLDS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: KHILF
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01880002
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: PA/SI
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06282002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01880002
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: ISE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10282002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

528 LEWIS STREET (Continued)

S105749935

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01880002
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10242003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01880002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06182004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	805
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	700 CUBIC YARDS OF CONTAMINATED SOIL AND 105 CUBIC YARDS OF SURFACE DEBRIS (RECYCLABLE METALS, GAS CYLINDERS, AND GARBAGE)
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

528 LEWIS STREET (Continued)

S105749935

Facility ID: 01880002
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06182004
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01880002
Activity: FDNC
Activity Name: FINAL DETERMINATION OF NON-COMPLIANCE
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12102002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01880002
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: NOE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10242003
Est Person-Yrs to complete: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

528 LEWIS STREET (Continued)

S105749935

Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 530/542 LEWIS STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Alternate Address: 528 LEWIS STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: The Lewis Street Site is a former residential property which has been used to store automobiles, drums, pressurized gas containers, and other miscellaneous equipment. The property is fenced. No volatile or semivolatile organic compounds were detected at significant levels.
Comments Date: 06091997
Comments: SITE SCREENING PREPARED UNDER THE EPA GRANT INDICATES THAT
Comments Date: 06091997
Comments: FURTHER ASSESSMENT OF THIS SITE IS NEEDED.
Comments Date: 06182004
Comments: The Removal Action consisted of removal of approximately 105
Comments Date: 06182004
Comments: cubic yards of above-ground debris including tires, compressed
Comments Date: 06182004
Comments: gas cylinders and heavy equipment and excavation and offsite
Comments Date: 06182004
Comments: disposal of 700 cubic yards of soil and debris contaminated with
Comments Date: 06182004
Comments: lead to a Class I landfill. The property was then backfilled
Comments Date: 06182004
Comments: with clean material. All contamination above residential
Comments Date: 06182004
Comments: standards was removed and the site was certified in June 2004.
Comments Date: 06282002
Comments: DTSC conducted a Preliminary Assessment which found further
Comments Date: 06282002
Comments: action was required. Surface samples collected at the site found
Comments Date: 06282002
Comments: lead as high as 1,080 parts per million (ppm).
Comments Date: 10242003
Comments: DTSC approved a Removal Action Workplan (RAW) requiring the
Comments Date: 10242003
Comments: removal of all soils above residential levels. A notice of
Comments Date: 10242003
Comments: exemption was approved for removal activities.
Comments Date: 10282002
Comments: An Imminent and Substantial Endangerment Order was issued to the
Comments Date: 10282002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

528 LEWIS STREET (Continued)

S105749935

Comments: property owner.
Comments Date: 11092001
Comments: DTSC conducted sampling at the site. Lead concentrations in
Comments Date: 11092001
Comments: surface soil were as high as 1,080 milligrams per kilogram (ppm).
Comments Date: 11092001
Comments: No volatile or semi-volatile compounds were found.
Comments Date: 12102002
Comments: The owner was found in non-compliance with the Order in December
Comments Date: 12102002
Comments: 2002.
Comments Date: 12142003
Comments: The Superior Court of California, County of Alameda issued an
Comments Date: 12142003
Comments: inspection warrant which granted DTSC access to sample and
Comments Date: 12142003
Comments: remediate the Lewis property. A warrant was needed since DTSC
Comments Date: 12142003
Comments: could not locate the property owner. Subsequently, DTSC was
Comments Date: 12142003
Comments: able to contact the property owner and work with them throughout
Comments Date: 12142003
Comments: the cleanup.
ID Name: CALSTARS CODE
ID Value: 201023
Alternate Name: 530/542 LEWIS STREET
Alternate Name: 528 LEWIS STREET
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

CERS TANKS:

Site ID: 334091
CERS ID: 01880002
CERS Description: State Response

Affiliation:

Affiliation Type Desc: Supervisor
Entity Name: Karen Toth
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C27
SE
< 1/8
0.105 mi.
553 ft.

528 LEWIS STREET
528 LEWIS STREET
OAKLAND, CA 94607

Site 5 of 5 in cluster C

RESPONSE
ENVIROSTOR
HAZNET

S112935742
N/A

Relative:
Lower
Actual:
13 ft.

RESPONSE:
Facility ID: 1880002
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.19
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 201023
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: EPA - PASI
Status: Certified
Status Date: 06/18/2004
Restricted Use: NO
Funding: Orphan Funds
Latitude: 37.80527
Longitude: -122.2980
APN: 4-99-29
Past Use: JUNKYARD
Potential COC : Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 1880002
Status: Certified
Status Date: 06/18/2004
Site Code: 201023
Site Type: State Response

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

528 LEWIS STREET (Continued)

S112935742

Site Type Detailed: State Response or NPL
Acres: 0.19
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 37.80527
Longitude: -122.2980
APN: 4-99-29
Past Use: JUNKYARD
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S112935742
Year: 2004
GEPaid: CAC002574674
Contact: KATHERINE HILF
Telephone: 5105408317
Mailing Name: Not reported
Mailing Address: 700 HEINZ ST
Mailing City,St,Zip: BERKELEY, CA 94710
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 561.3
Cat Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

528 LEWIS STREET (Continued)

S112935742

Method Decode: Not reported
Facility County: Alameda

envid: S112935742
Year: 2004
GEPaid: CAC002574674
Contact: KATHERINE HILF
Telephone: 5105408317
Mailing Name: Not reported
Mailing Address: 700 HEINZ ST
Mailing City,St,Zip: BERKELEY, CA 94710
Gen County: Not reported
TSD EPA ID: IND000646943
TSD County: Not reported
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Disposal, Other
Tons: 1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S112935742
Year: 2004
GEPaid: CAC002574674
Contact: KATHERINE HILF
Telephone: 5105408317
Mailing Name: Not reported
Mailing Address: 700 HEINZ ST
Mailing City,St,Zip: BERKELEY, CA 94710
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Recycler
Tons: 0.16
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S112935742
Year: 2004
GEPaid: CAC002574674
Contact: KATHERINE HILF
Telephone: 5105408317
Mailing Name: Not reported
Mailing Address: 700 HEINZ ST
Mailing City,St,Zip: BERKELEY, CA 94710
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.41
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

528 LEWIS STREET (Continued)

S112935742

envid: S112935742
 Year: 2004
 GEPAID: CAC002574674
 Contact: KATHERINE HILF
 Telephone: 5105408317
 Mailing Name: Not reported
 Mailing Address: 700 HEINZ ST
 Mailing City,St,Zip: BERKELEY, CA 94710
 Gen County: Not reported
 TSD EPA ID: IND000646943
 TSD County: Not reported
 Waste Category: Off-specification, aged or surplus organics
 Disposal Method: Disposal, Other
 Tons: 1.65
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Alameda

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

**B28
 SE
 < 1/8
 0.109 mi.
 577 ft.**

**GEVERTZ MAX
 1569 7TH ST
 OAKLAND, CA
 Site 6 of 6 in cluster B**

**EDR Hist Cleaner 1009141275
 N/A**

**Relative:
 Lower** EDR Hist Cleaner

Actual: 14 ft.	Year: Name: 1925 GEVERTZ MAX 1933 GEVERTZ MAX	Type: CLEANERS DYERS AND PRESSERS CLOTHES PRESSERS AND CLEANERS
---------------------------	---	---

**29
 East
 < 1/8
 0.117 mi.
 618 ft.**

**WASHINGTON E C
 1564 8TH ST
 OAKLAND, CA**

**EDR Hist Cleaner 1009141025
 N/A**

**Relative:
 Higher** EDR Hist Cleaner

Actual: 17 ft.	Year: Name: 1933 WASHINGTON E C	Type: CLOTHES PRESSERS AND CLEANERS
---------------------------	------------------------------------	--

**30
 NNE
 1/8-1/4
 0.139 mi.
 734 ft.**

**OAKLAND NORTHFIELD TANK FARM
 OAKLAND MUNICIPAL AIRPORT
 OAKLAND, CA 94583**

**HIST UST U001598594
 N/A**

**Relative:
 Higher** HIST UST:

Actual: 17 ft.	File Number: 00035E56 URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035E56.pdf Region: STATE Facility ID: 00000013503
---------------------------	--

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND NORTHFIELD TANK FARM (Continued)

U001598594

Facility Type: Other
Other Type: BULK TERMINAL
Contact Name: J.T. BLODGETT
Telephone: 4158945308
Owner Name: CHEVRON USA
Owner Address: 2 ANNABEL LANE
Owner City,St,Zip: SAN RAMON, CA 94583
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

[Click here for Geo Tracker PDF:](#)

**E31
WNW
1/8-1/4
0.145 mi.
765 ft.**

**GOSSWOOD HOUSING ASSOCIATION
1751 GOSS ST
OAKLAND, CA 94607**

Site 1 of 2 in cluster E

**LUST S103890797
Alameda County CS N/A
SWEEPS UST
HIST CORTESE
CERS**

**Relative:
Lower
Actual:
14 ft.**

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100869
Global Id: T0600100869
Latitude: 37.807965
Longitude: -122.301524
Status: Completed - Case Closed
Status Date: 08/11/1993
Case Worker: Not reported
RB Case Number: 01-0944
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000795
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0600100869
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600100869
Action Type: ENFORCEMENT
Date: 06/08/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOSSWOOD HOUSING ASSOCIATION (Continued)

S103890797

Action: * Historical Enforcement - #UNK

Global Id: T0600100869
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600100869
Action Type: Other
Date: 05/27/1992
Action: Leak Reported

LUST:

Global Id: T0600100869
Status: Completed - Case Closed
Status Date: 08/11/1993

Global Id: T0600100869
Status: Open - Case Begin Date
Status Date: 05/27/1992

LUST REG 2:

Region: 2
Facility Id: 01-0944
Facility Status: Case Closed
Case Number: 4180
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 6/8/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 1/15/1993
Preliminary Site Assesment Began: 10/27/1992
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0000795
PE: 5602
Facility Status: Case Closed
Latitude: 37.807591561
Longitude: -122.30220145

SWEEPS UST:

Status: Not reported
Comp Number: 13837
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GOSSWOOD HOUSING ASSOCIATION (Continued)

S103890797

Owner Tank Id: Not reported
 SWRCB Tank Id: 01-000-013837-000001
 Tank Status: Not reported
 Capacity: 1000
 Active Date: Not reported
 Tank Use: PETROLEUM
 STG: PRODUCT
 Content: UNKNOWN GASO
 Number Of Tanks: 1

HIST CORTESE:

Region: CORTESE
 Facility County Code: 1
 Reg By: LTNKA
 Reg Id: 01-0944

CERS TANKS:

Site ID: 243257
 CERS ID: T0600100869
 CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

**E32
 WNW
 1/8-1/4
 0.146 mi.
 772 ft.**

**CHURCH'S FRIED CHICKEN
 1766 7TH STREET
 OAKLAND, CA 94607
 Site 2 of 2 in cluster E**

**ENVIROSTOR
 LUST
 Alameda County CS
 VCP
 HIST CORTESE
 CERS**

**S102008249
 N/A**

**Relative:
 Lower
 Actual:
 14 ft.**

ENVIROSTOR:
 Facility ID: 1540002
 Status: Certified
 Status Date: 12/27/2005
 Site Code: 200353
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 0.3
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH'S FRIED CHICKEN (Continued)

S102008249

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80726
Longitude: -122.3026
APN: 6-37-18
Past Use: RETAIL - SERVICE STATION
Potential COC: Arsenic Benzene Lead TPH-gas TPH-MOTOR OIL Ethylbenzene Nickel
Toluene Xylenes
Confirmed COC: Toluene TPH-gas Ethylbenzene Nickel Arsenic Benzene Lead TPH-MOTOR
OIL Xylenes
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T06019710161
Global Id: T06019710161
Latitude: 37.807469
Longitude: -122.302587
Status: Completed - Case Closed
Status Date: 11/04/2010
Case Worker: Not reported
RB Case Number: NA
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0002843
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Completed - Case Closed 8/25/2004 per DTSC's letter agreeing with CalTrans recommendation for No Further Action. see Site Docs Shaw letter 9/15/2009 has DTSC 8/25/2004 agreement letter attached.

LUST:

Global Id: T06019710161
Action Type: Other
Date: 08/28/1992
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH'S FRIED CHICKEN (Continued)

S102008249

Global Id: T06019710161
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T06019710161
Action Type: REMEDIATION
Date: 06/01/1996
Action: Excavation

Global Id: T06019710161
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: Staff Letter

Global Id: T06019710161
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation

Global Id: T06019710161
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T06019710161
Action Type: Other
Date: 08/28/1992
Action: Leak Discovery

LUST:

Global Id: T06019710161
Status: Completed - Case Closed
Status Date: 11/04/2010

Global Id: T06019710161
Status: Open - Case Begin Date
Status Date: 08/28/1992

Global Id: T06019710161
Status: Open - Referred
Status Date: 10/20/1993

Global Id: T06019710161
Status: Open - Site Assessment
Status Date: 08/28/1992

Global Id: T06019710161
Status: Open - Site Assessment
Status Date: 10/28/2010

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0002843
PE: 5602

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH'S FRIED CHICKEN (Continued)

S102008249

Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: 11
Record Id: RO0002843
PE: 5602
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

VCP:

Facility ID: 1540002
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200353
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 12/27/2005
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80726 / -122.3026
APN: 6-37-18
Past Use: RETAIL - SERVICE STATION
Potential COC: 30001, 30003, 30013, 30025, 3002502, 30272, 30407, 30550, 30593
Confirmed COC: 30550,30025,30272,30407,30001,30003,30013,3002502,30593
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH'S FRIED CHICKEN (Continued)

S102008249

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01540002

CERS TANKS:

Site ID: 206978
CERS ID: T06019710161
CERS Description: Leaking Underground Storage Tank Cleanup Site

**33
ESE
1/8-1/4
0.172 mi.
910 ft.**

**RELIABLE HANDI CAB
1520 7TH ST
OAKLAND, CA 94607**

**LUST U003713129
Alameda County CS N/A
HIST CORTESE
CERS**

**Relative:
Higher**

LUST:

**Actual:
15 ft.**

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101133
Global Id: T0600101133
Latitude: 37.80587
Longitude: -122.296286
Status: Completed - Case Closed
Status Date: 06/14/1995
Case Worker: Not reported
RB Case Number: 01-1234
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001137
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600101133
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101133
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600101133
Action Type: Other
Date: 04/01/1991
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RELIABLE HANDI CAB (Continued)

U003713129

LUST:

Global Id: T0600101133
Status: Completed - Case Closed
Status Date: 06/14/1995

Global Id: T0600101133
Status: Open - Case Begin Date
Status Date: 04/01/1991

LUST REG 2:

Region: 2
Facility Id: 01-1234
Facility Status: Case Closed
Case Number: 3703
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/5/1992
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0001137
PE: 5602
Facility Status: Case Closed
Latitude: 37.805793296
Longitude: -122.29640194

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1234

CERS TANKS:

Site ID: 194580
CERS ID: T0600101133
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RELIABLE HANDI CAB (Continued)

U003713129

Affiliation Phone: Not reported

F34
South
1/8-1/4
0.202 mi.
1068 ft.

SMITH'S WRECKING YARD
1600 3RD STREET
OAKLAND, CA 94607

ENVIROSTOR
VCP
HAZNET

S112921473
N/A

Site 1 of 2 in cluster F

Relative:
Lower
Actual:
12 ft.

ENVIROSTOR:

Facility ID: 1990014
Status: Certified
Status Date: 05/25/2001
Site Code: 200355
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80333
Longitude: -122.2991
APN: NONE SPECIFIED
Past Use: JUNKYARD
Potential COC: Arsenic Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Beryllium and compounds
Confirmed COC: Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Beryllium and compounds Arsenic Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMITH'S WRECKING YARD (Continued)

S112921473

VCP:

Facility ID: 1990014
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200355
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 05/25/2001
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80333 / -122.2991
APN: NONE SPECIFIED
Past Use: JUNKYARD
Potential COC: 30001, 30013, 30018, 30019, 30024, 30080
Confirmed COC: 30018,30019,30024,30080,30001,30013
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S112921473
Year: 2003
GEPID: CAC002550979
Contact: Richard Phillips
Telephone: 5103936420
Mailing Name: Not reported
Mailing Address: 1600 3rd Ave
Mailing City,St,Zip: OAKLAND, CA 94606
Gen County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMITH'S WRECKING YARD (Continued)

S112921473

TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S112921473
Year: 2002
GEPaid: CAC002550979
Contact: Richard Phillips
Telephone: 5103936420
Mailing Name: Not reported
Mailing Address: 1600 3rd Ave
Mailing City,St,Zip: OAKLAND, CA 94606
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 3.37
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

**G35
NW
1/8-1/4
0.206 mi.
1088 ft.**

**THE PHOENIX
800 PINE ST
OAKLAND, CA 94607
Site 1 of 4 in cluster G**

**Alameda County CS S121308094
N/A**

**Relative:
Lower
Actual:
14 ft.**

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0003269
PE: 5502
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

**G36
WNW
1/8-1/4
0.218 mi.
1153 ft.**

**THE PHOENIX
801 PINE STREET
OAKLAND, CA 94607
Site 2 of 4 in cluster G**

**CPS-SLIC S122356471
CERS N/A**

**Relative:
Lower
Actual:
14 ft.**

CPS-SLIC:
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 11/21/2017
Global Id: T10000011072
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0003269
Latitude: 37.8097201588292
Longitude: -122.303262186508

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE PHOENIX (Continued)

S122356471

Case Type: Cleanup Program Site
Case Worker: DY
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Lead
Site History: This case applies to one address located at 800 Pine Street in Oakland (APN: 6-47-1). The Alameda County Parcel Viewer page indicates the property as 800 Cedar Street, however, Cedar Street no longer exists. Currently, the site is managed under Alameda County Department of Environmental Health (ACDEH) case RO0003269, however, a separate LOP Case No. RO0000417 was historically associated with a former UST release that was located on a portion of the parcel that is no longer a part of the existing property. This site was formerly managed as a Department of Toxic Substances Control (DTSC) case, Phoenix 800 Property, Envirostor ID 01330037. On November 21, 2017 the responsible party entered into a Voluntary Remedial Action Program Agreement with ACDEH, with concurrence from the DTSC, to provide regulatory oversight for a proposed redevelopment project. The site is currently a vacant lot with a concrete slab from a former building covering the majority of the property. The site is located in a mixed residential and commercial area boarded by Pine Street and Shorey Street to the east and south, respectively. The site is bordered to the north by 9th Street and the west by an access ramp for Interstate 880 (I-880). The site lies at an elevation of approximately 15 feet above mean sea level. Historical data indicates the groundwater has been observed at approximately 5 to 7 feet below ground surface (bgs). Historically the site has generally been occupied by industrial facilities including steel and iron fabrication, fireworks manufacturing, and auto parts manufacturing. Sanborn Fire Insurance maps indicated from approximately 1912 to 1931, Independent Iron Works operated in the southern half of the site and California Fireworks Company operated in the northwestern portion of the site. Independent Iron Works reportedly occupied the entire site from 1924 to 1960s to manufacture steel products. Between 1970 and 1994 the site was owned by Phoenix Properties, which operated Phoenix Iron Works on the western property boundary site. Based on review of historical documents, additionally industrial activities under Phoenix Properties were conducted on portions of the site including; Stoltz/Bond Metal Shop in the central portion, Pine Iron Works in the southeastern portion, and Cypress Auto Salvage Warehouse on the eastern portion. In 1994 the property was purchased by California Department of Transportation (Caltrans) which used the property for temporary storage of construction material. At the time of Caltrans acquisition, the site contained an industrial warehouse constructed on a concrete slab. In 1995 the warehouse structure, which encompassed the entire site, was removed leaving the concrete slab in place. Construction activities were also conducted in the southwestern corner of the site for the frontage road during re-alignment of I-880.

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

CERS TANKS:
Site ID: 428902
CERS ID: T10000011072

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THE PHOENIX (Continued)

S122356471

CERS Description: Cleanup Program Site

Affiliation:
 Affiliation Type Desc: Local Agency Caseworker
 Entity Name: DREW YORK - ALAMEDA COUNTY LOP
 Entity Title: Not reported
 Affiliation Address: 1131 HARBOR BAY PARKWAY
 Affiliation City: ALAMEDA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

**G37
 WNW
 1/8-1/4
 0.222 mi.
 1172 ft.**

**PEP BOYS
 1818 SHOREY
 OAKLAND, CA 94607**
 Site 3 of 4 in cluster G

**HIST CORTESE S105025313
 N/A**

**Relative:
 Lower
 Actual:
 14 ft.**

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 1
 Reg By: LTNKA
 Reg Id: 3157

**H38
 WNW
 1/8-1/4
 0.223 mi.
 1179 ft.**

**CALTRANS
 727 PINE ST
 OAKLAND, CA 94607**
 Site 1 of 3 in cluster H

**ENVIROSTOR S113087267
 VCP N/A
 HAZNET**

**Relative:
 Lower
 Actual:
 14 ft.**

ENVIROSTOR:
 Facility ID: 1920064
 Status: Certified
 Status Date: 06/30/2006
 Site Code: 200458
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 0.3
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.80787
 Longitude: -122.3039
 APN: 6-45-26
 Past Use: FUEL - VEHICLE STORAGE/ REFUELING
 Potential COC: TPH-diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALTRANS (Continued)

S113087267

Confirmed COC: TPH-diesel
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1920064
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200458
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 06/30/2006
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80787 / -122.3039
APN: 6-45-26
Past Use: FUEL - VEHICLE STORAGE/ REFUELING
Potential COC: 30024
Confirmed COC: 30024
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALTRANS (Continued)

S113087267

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

HAZNET:

envid: S113087267
Year: 1999
GEPAID: CAL000163017
Contact: CALTRANS
Telephone: 5102865666
Mailing Name: Not reported
Mailing Address: PO BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230660
Gen County: Not reported
TSD EPA ID: UTC093012201
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: .0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113087267
Year: 1999
GEPAID: CAL000163017
Contact: CALTRANS
Telephone: 5102865666
Mailing Name: Not reported
Mailing Address: PO BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230660
Gen County: Not reported
TSD EPA ID: CAD980675276
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 386.8452
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113087267
Year: 1999
GEPAID: CAL000163017
Contact: CALTRANS
Telephone: 5102865666
Mailing Name: Not reported
Mailing Address: PO BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230660
Gen County: Not reported
TSD EPA ID: CAT000646117

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALTRANS (Continued)

S113087267

TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .8000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113087267
Year: 1999
GEPAID: CAL000163017
Contact: CALTRANS
Telephone: 5102865666
Mailing Name: Not reported
Mailing Address: PO BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230660
Gen County: Not reported
TSD EPA ID: UTD981552177
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Not reported
Tons: 720.0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113087267
Year: 1999
GEPAID: CAL000163017
Contact: CALTRANS
Telephone: 5102865666
Mailing Name: Not reported
Mailing Address: PO BOX 23660
Mailing City,St,Zip: OAKLAND, CA 946230660
Gen County: Not reported
TSD EPA ID: UT0981552177
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Not reported
Tons: 900.0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

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

H39 **PHOENIX IRON WKS.**
WNW **888 CEDAR ST**
1/8-1/4 **OAKLAND, CA 94607**
0.230 mi.
1215 ft. **Site 2 of 3 in cluster H**

LUST **S101624385**
Alameda County CS **N/A**
SWEEPS UST
CA FID UST
HIST CORTESE
CERS

Relative:
Lower

LUST:

Actual:
14 ft.

Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102229

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX IRON WKS. (Continued)

S101624385

Global Id: T0600102229
Latitude: 37.8079530450688
Longitude: -122.304010391235
Status: Open - Site Assessment
Status Date: 10/28/2010
Case Worker: Not reported
RB Case Number: 01-2420
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000417
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Acetone, Other Solvent or Non-Petroleum Hydrocarbon, Diesel, Gasoline
Site History: Not reported

LUST:

Global Id: T0600102229
Contact Type: Local Agency Caseworker
Contact Name: BARBARA COOK
Organization Name: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Address: 700 HEINZ ST.
City: BERKELEY
Email: Not reported
Phone Number: Not reported

Global Id: T0600102229
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600102229
Action Type: REMEDIATION
Date: 10/20/1995
Action: Excavation

Global Id: T0600102229
Action Type: Other
Date: 10/23/1995
Action: Leak Stopped

Global Id: T0600102229
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600102229
Action Type: Other
Date: 11/01/1993
Action: Leak Reported

Global Id: T0600102229
Action Type: Other
Date: 11/01/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX IRON WKS. (Continued)

S101624385

Action: Leak Discovery

LUST:

Global Id: T0600102229
Status: Open - Case Begin Date
Status Date: 11/01/1993

Global Id: T0600102229
Status: Open - Remediation
Status Date: 05/10/1994

Global Id: T0600102229
Status: Open - Reopen Case
Status Date: 05/10/1994

Global Id: T0600102229
Status: Open - Site Assessment
Status Date: 11/01/1993

Global Id: T0600102229
Status: Open - Site Assessment
Status Date: 05/10/1994

Global Id: T0600102229
Status: Open - Site Assessment
Status Date: 10/28/2010

LUST REG 2:

Region: 2
Facility Id: 01-2420
Facility Status: Preliminary site assessment workplan submitted
Case Number: 612
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/11/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 1/2/1965
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000417
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: 11
Record Id: RO0000417
PE: 5602

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX IRON WKS. (Continued)

S101624385

Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000417
PE: 5602
Facility Status: Pollution Characterization
Latitude: Not reported
Longitude: Not reported

SWEEPS UST:

Status: Active
Comp Number: 59789
Number: 9
Board Of Equalization: 44-000599
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 01-000-059789-000001
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 2

Status: Active
Comp Number: 59789
Number: 9
Board Of Equalization: 44-000599
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 01-000-059789-000002
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 01002778
Regulated By: UTNKA
Regulated ID: 00059789
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154659900
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PHOENIX IRON WKS. (Continued)

S101624385

Mailing City,St,Zip: OAKLAND 94607
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

HIST CORTESE:

Region: CORTESE
 Facility County Code: 1
 Reg By: LTNKA
 Reg Id: 01-2420

CERS TANKS:

Site ID: 195229
 CERS ID: T0600102229
 CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
 Entity Name: BARBARA COOK - DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 Entity Title: Not reported
 Affiliation Address: 700 HEINZ ST.
 Affiliation City: BERKELEY
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

F40
South
1/8-1/4
0.234 mi.
1234 ft.

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD
CYPRESS CORRIDOR
OAKLAND, CA 94607
Site 2 of 2 in cluster F

RESPONSE **S106893873**
ENVIROSTOR **N/A**
HIST Cal-Sites
DEED
Cortese

Relative:
Lower
Actual:
11 ft.

AWP:
 AWP Facility ID: 01400010
 Region Code: 2
 Region: BERKELEY
 SMBR Branch Code: NC
 SMBR Branch Unit: NORTH COAST
 Site Name.: CYPRESS FREEWAY/SOUTHERN PACIFIC RAILROA
 Current Status Date: 06201994
 Current Status: ANNUAL WORKPLAN - ACTIVE SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD (Continued)

S106893873

Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: responsible party
Awp Site Type: RESPONSIBLE PARTY
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: F
Responsible Staff Member: JSOTO
Supervisor Responsible: Not reported
SIC Code: 40
Facility SIC: RAILROAD TRANSPORTATION
RWQCB Code: SF
RWQCB Associated With Site: SAN FRANCISCO BAY
Site Access Controlled: Controlled
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 16
State Senate District: 09

RESPONSE:

Facility ID: 1400010
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 53.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200486
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Certified / Operation & Maintenance
Status Date: 05/28/2009
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.80305
Longitude: -122.2994
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC : Arsenic Lead TPH-MOTOR OIL
Confirmed COC: Arsenic Lead TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD (Continued)

S106893873

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1400010
Status: Certified / Operation & Maintenance
Status Date: 05/28/2009
Site Code: 200486
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 53.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80305
Longitude: -122.2994
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC: Arsenic Lead TPH-MOTOR OIL
Confirmed COC: Arsenic Lead TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD (Continued)

S106893873

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

Calsite:

Region: BERKELEY
Facility ID: 01400010
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: CYPRESS FREEWAY/SOUTHERN PACIFIC RAILROA
State Senate District: 06201994
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 40
SIC Name: RAILROAD TRANSPORTATION
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: JSOTO
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01400010
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: RAO
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06201994
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD (Continued)

S106893873

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01400010
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10101997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01400010
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07022005
Revised Due Date: 07022006
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01400010
Activity: RAW
Activity Name: REMOVAL ACTION WORKPLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD (Continued)

S106893873

Revised Due Date:	Not reported
Comments Date:	03201998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01400010
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07012005
Revised Due Date:	07012006
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01400010
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NOE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03201998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD (Continued)

S106893873

Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01400010
Activity: DES
Activity Name: DESIGN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 07161999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: CYPRESS CORRIDOR
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: Southern Pacific has operated a railroad switching yard and railroad tracks for approximately 90 years. Site was first investigated in 1980.
Comments Date: 03201998
Comments: Approved RAW requiring a deed restriction and an asphalt cap
Comments Date: 03201998
Comments: over the Southern Elevated Section of the site. The area to be
Comments Date: 03201998
Comments: capped is approximately 258,000 square feet.
Comments Date: 06201994
Comments: Issued I or SE order on property within the footprint of the
Comments Date: 06201994
Comments: Cypress Freeway Reconstruction Project.
Comments Date: 10101997
Comments: Approved RI. Investigations mainly detected high boiling
Comments Date: 10101997
Comments: petroleum hydrocarbons (JB oil, motor oil or oil and grease) in
Comments Date: 10101997
Comments: the soil (fill material). Other chemicals such as lead,
Comments Date: 10101997
Comments: volatile organic compounds, polynuclear aromatic hydrocarbons,
Comments Date: 10101997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD (Continued)

S106893873

Comments: and pesticides were detected in isolated area of the site at low
Comments Date: 10101997
Comments: concentrations. Chemicals detected in the groundwater included
Comments Date: 10101997
Comments: cis-1,2-dichloroethene and trichloroethene in isolated area.
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD000628198
ID Name: CALSTARS CODE
ID Value: 200486
Alternate Name: SOUTHERN PACIFIC -WEST OAKLAND RAIL YARD
Alternate Name: CYPRESS FREEWAY/SOUTHERN PACIFIC RAILROA
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:

Envirostor ID: 1400010
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CORTESE:

Region: CORTESE
Envirostor Id: 1400010
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date: 05/28/2009
Site Code: 200486
Latitude: 37.803055
Longitude: -122.29944
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

141
ESE
1/8-1/4
0.238 mi.
1257 ft.

WEST OAKLAND BART STATION SITE
1451 7TH STREET
OAKLAND, CA 94607

ENVIROSTOR S110372802
N/A

Site 1 of 2 in cluster I

Relative:
Lower
Actual:
14 ft.

ENVIROSTOR:
Facility ID: 70000133
Status: Refer: Local Agency
Status Date: 10/15/2007
Site Code: 201636
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 3.5
NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - Target Site Investigation
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.80455
Longitude: -122.2945
APN: 004-0071-003-00, 004-0077-003-00
Past Use: UNKNOWN
Potential COC: Under Investigation
Confirmed COC: NONE SPECIFIED
Potential Description: UE
Alias Name: West Oakland BART Parking Lot
Alias Type: Alternate Name
Alias Name: 004-0071-003-00
Alias Type: APN
Alias Name: 004-0077-003-00
Alias Type: APN
Alias Name: 201636
Alias Type: Project Code (Site Code)
Alias Name: 70000133
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/16/2007
Comments: EPA letter dated April 2,2007 states that all concerns and comments have been adequately addresses by the current revision. The document(Sampling and Analysis Plan) is approved by EPA QA Office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/06/2007
Comments: Sampled April 28, 29 and May 6, 2007. Fieldwork completed.

Completed Area Name: PROJECT WIDE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WEST OAKLAND BART STATION SITE (Continued)

S110372802

Completed Sub Area Name: Not reported
 Completed Document Type: Site Characterization Report
 Completed Date: 10/15/2007
 Comments: Report concluded that some contamination exists on site under the parking lot. Petroleum hydrocarbons in the form of diesel and motor oil, arsenic above background, lead, pcbs, and gasoline in one groundwater sample were found above screening levels.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Other Report
 Completed Date: 02/28/2006
 Comments: Contract issued.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Other Report
 Completed Date: 11/13/2006
 Comments: Approved as amended.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Phase 1
 Completed Date: 05/09/2006
 Comments: Phase I report for the West Oakland BART Station done by Levine Fricke for the City of Oakland. Not reviewed or approved by DTSC. Submitted as background information for the site.

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

142
ESE
1/8-1/4
0.238 mi.
1257 ft.

WEST OAKLAND BART STATION SITE
1451 7TH STREET
OAKLAND, CA 94607

US BROWNFIELDS **1015888663**
FINDS **N/A**

Site 2 of 2 in cluster I

Relative:
Lower
Actual:
14 ft.

US BROWNFIELDS:
 Property Name: WEST OAKLAND BART STATION SITE
 Recipient Name: California Department of Toxic Substances Control
 Grant Type: Section 128(a) State/Tribal
 Property Number: Not reported
 Parcel size: 3.5
 Latitude: 37.8053261
 Longitude: -122.2949235
 HCM Label: Address Matching-House Number
 Map Scale: Not reported
 Point of Reference: Entrance Point of a Facility or Station
 Highlights: Not reported
 Datum: North American Datum of 1983
 Acres Property ID: 133801

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST OAKLAND BART STATION SITE (Continued)

1015888663

IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	50000
Assessment Funding Source:	US EPA - State & Tribal Section 128(a) Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	00T14502
Start Date:	11/13/2006 00:00:00
Ownership Entity:	Government
Completion Date:	10/15/2007 00:00:00
Current Owner:	Bay Area Rapid Transit (BART)
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
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:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST OAKLAND BART STATION SITE (Continued)

1015888663

PAHs cleaned up:	Not reported
PCBs found:	Y
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	3.5
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	3.5
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:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WEST OAKLAND BART STATION SITE (Continued)

1015888663

Below Poverty Number: 2825
 Below Poverty Percent: 37.7%
 Median Income: 9715
 Median Income Number: 4546
 Median Income Percent: 60.6%
 Vacant Housing Number: 494
 Vacant Housing Percent: 14.3%
 Unemployed Number: 679
 Unemployed Percent: 9.1%

FINDS:

Registry ID: 110054146651

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is a federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

G43
WNW
1/8-1/4
0.243 mi.
1281 ft.

VACANT AUTO REPAIR
SHOREY STREET
OAKLAND, CA 94607
Site 4 of 4 in cluster G

RESPONSE
ENVIROSTOR
CERS

S116165245
N/A

Relative:
Lower
Actual:
14 ft.

RESPONSE:
 Facility ID: 1750020
 Site Type: State Response
 Site Type Detail: State Response or NPL
 Acres: Not reported
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency Description: DTSC - Site Cleanup Program
 Project Manager: Not reported
 Supervisor: Denise Tsuji
 Division Branch: Cleanup Berkeley
 Site Code: 200470
 Site Mgmt. Req.: NONE SPECIFIED
 Assembly: 18
 Senate: 09
 Special Program Status: Not reported
 Status: No Further Action
 Status Date: 02/03/1994
 Restricted Use: NO
 Funding: Responsible Party
 Latitude: 37.8088
 Longitude: -122.3038
 APN: NONE SPECIFIED
 Past Use: NONE
 Potential COC : NONE SPECIFIED No Contaminants found
 Confirmed COC: NONE SPECIFIED
 Potential Description: NMA
 Alias Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VACANT AUTO REPAIR (Continued)

S116165245

Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1750020
Status: No Further Action
Status Date: 02/03/1994
Site Code: 200470
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.8088
Longitude: -122.3038
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VACANT AUTO REPAIR (Continued)

S116165245

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS TANKS:

Site ID: 344379
CERS ID: 01750020
CERS Description: State Response

Affiliation:

Affiliation Type Desc: Supervisor
Entity Name: DENISE TSUJI
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

44
West
1/8-1/4
0.245 mi.
1296 ft.

SPT CO LOCO FUEL PLANT WD
UNKNOWN PINE ST FOOT OF
OAKLAND, CA 94607

LUST S103472392
HIST CORTESE N/A

Relative:
Lower
Actual:
12 ft.

LUST REG 2:
Region: 2
Facility Id: 01-2426
Facility Status: Preliminary site assessment underway
Case Number: 5354
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 1/28/1998
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2426

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

45
SSW
1/8-1/4
0.246 mi.
1297 ft.

CYPRESS FREEWAY RECONSTRUCTION
I-80/I-580/I-980
OAKLAND, CA 94607

CPS-SLIC **S106235212**
NON-CASE INFO **N/A**

Relative:
Lower

SLIC REG 2:
Region: 2
Facility ID: SL20239857
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: DVA
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Actual:
11 ft.

NON-CASE INFO:

Global ID: SL20239857
Case Type: Non-Case Information
Status: Informational Item
Status Date: 06/02/2009
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: CSF
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: SL20239857
Loc Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Benzene, Ethylbenzene, Gasoline, Toluene, Xylene
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Site History: Refer to DTSC Envirostor website for specific cases within the Cypress Reconstruction project.
Begin Date: 1996-01-01 00:00:00
How Discovered: Not reported
How Discovered Description: Not reported
Stop Method: Not reported
Stop Description: Not reported
Latitude: 37.8031382186487
Longitude: -122.301177978516
Geotracker: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL20239857

J46
SSE
1/8-1/4
0.246 mi.
1298 ft.

SO. PRESCOTT NEIGHBORHOOD PARK
3RD STREET
OAKLAND, CA 94607

ENVIROSTOR **S116165257**
VCP **N/A**

Site 1 of 4 in cluster J

Relative:
Lower

ENVIROSTOR:
Facility ID: 1990019
Status: Certified
Status Date: 05/25/2001
Site Code: 200485
Site Type: Voluntary Cleanup

Actual:
11 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SO. PRESCOTT NEIGHBORHOOD PARK (Continued)

S116165257

Site Type Detailed: Voluntary Cleanup
Acres: 4.3
NPL: NO
Regulatory Agencies: SMBRP, US EPA, CITY OF OAKLAND
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.803
Longitude: -122.2982
APN: 0000039300100, 0000039300201, 0000039300202, 0000039300301,
0000039300302, 0000039300401, 0000039300402
Past Use: JUNKYARD
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1990019
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 4.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, US EPA, CITY OF OAKLAND
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200485
Assembly: 18

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SO. PRESCOTT NEIGHBORHOOD PARK (Continued)

S116165257

Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 05/25/2001
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.803 / -122.2982
APN: 0000039300100, 0000039300201, 0000039300202, 0000039300301, 0000039300302, 0000039300401, 0000039300402
Past Use: JUNKYARD
Potential COC: 30013
Confirmed COC: 30013
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported
Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

J47
South
1/8-1/4
0.248 mi.
1309 ft.

CYPRESS FREEWAY-3RD STREET SOUNDWALL
3RD STREET BETWEEN CENTER AND PERALTA ST
OAKLAND, CA 94607

ENVIROSTOR **S116165224**
VCP **N/A**

Site 2 of 4 in cluster J

Relative:
Lower
Actual:
11 ft.

ENVIROSTOR:
Facility ID: 1400012
Status: Certified
Status Date: 06/30/1998
Site Code: 200939
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYPRESS FREEWAY-3RD STREET SOUNDWALL (Continued)

S116165224

Funding: Responsible Party
Latitude: 37.8029
Longitude: -122.2986
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC: Lead Polychlorinated biphenyls (PCBs TPH-diesel Heptachlor epoxide)
Confirmed COC: 30018-NO 30024-NO 30309-NO 30013-NO
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1400012
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.6
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200939
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 06/30/1998
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.8029 / -122.2986
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC: 30013, 30018, 30024, 30309
Confirmed COC: 30018-NO,30024-NO,30309-NO,30013-NO
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CYPRESS FREEWAY-3RD STREET SOUNDWALL (Continued)

S116165224

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

H48
WNW
1/4-1/2
0.251 mi.
1327 ft.

WILFRED'S AUTO WRECKING
1834 7TH STREET
OAKLAND, CA 94607

ENVIROSTOR **S102860807**
VCP **N/A**

Site 3 of 3 in cluster H

Relative:
Lower

ENVIROSTOR:

Facility ID: 1500105
 Status: Certified
 Status Date: 10/17/1997
 Site Code: 200356
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 0.05
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Lynn Nakashima
 Supervisor: Barbara Cook
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.80774
 Longitude: -122.3045
 APN: 6-45-33
 Past Use: VEHICLE MAINTENANCE
 Potential COC: * CONTAMINATED SOIL Lead TPH-MOTOR OIL Nickel
 Confirmed COC: Nickel Lead * CONTAMINATED SOIL TPH-MOTOR OIL
 Potential Description: SOIL
 Alias Name: Not reported
 Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILFRED'S AUTO WRECKING (Continued)

S102860807

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

VCP:

Facility ID: 1500105
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.05
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200356
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 10/17/1997
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80774 / -122.3045
APN: 6-45-33
Past Use: VEHICLE MAINTENANCE
Potential COC: 10097, 30013, 3002502, 30407
Confirmed COC: 30407,30013,10097,3002502
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILFRED'S AUTO WRECKING (Continued)

S102860807

Schedule Revised Date: Not reported

J49
SSE
1/4-1/2
0.258 mi.
1362 ft.

1536 THIRD STREET
1536 THIRD STREET
OAKLAND, CA 94607

ENVIROSTOR **S116165252**
N/A

Site 3 of 4 in cluster J

Relative:
Lower
Actual:
11 ft.

ENVIROSTOR:
Facility ID: 1880003
Status: Refer: Other Agency
Status Date: 08/31/1998
Site Code: 201024
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: ALAMEDA COUNTY, CITY OF OAKLAND
Lead Agency: CITY OF OAKLAND
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.80319
Longitude: -122.2977
APN: O-392-13
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

50
WNW
1/4-1/2
0.259 mi.
1367 ft.

B & A AUTO DISMANTLERS
1823 SHOREY STREET
OAKLAND, CA 94607

ENVIROSTOR **S102008243**
VCP **N/A**

Relative:
Lower
Actual:
14 ft.

ENVIROSTOR:
Facility ID: 1500106
Status: Certified
Status Date: 01/08/1997
Site Code: 200473
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.04
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80868
Longitude: -122.3042
APN: 6-45-3
Past Use: JUNKYARD
Potential COC: * CONTAMINATED SOIL Lead TPH-MOTOR OIL
Confirmed COC: Lead * CONTAMINATED SOIL TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1500106
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & A AUTO DISMANTLERS (Continued)

S102008243

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200473
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 01/08/1997
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80868 / -122.3042
APN: 6-45-3
Past Use: JUNKYARD
Potential COC: 10097, 30013, 3002502
Confirmed COC: 30013,10097,3002502
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

51
SE
1/4-1/2
0.259 mi.
1369 ft.

HALL PROPERTY
1455 5TH
OAKLAND, CA 94607

CPS-SLIC
Alameda County CS
CERS

S106784891
N/A

Relative:
Lower
Actual:
12 ft.

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/07/2005
Global Id: T06019778849
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0002537
Latitude: 37.804198
Longitude: -122.29574
Case Type: Cleanup Program Site
Case Worker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HALL PROPERTY (Continued)

S106784891

Local Agency: Not reported
RB Case Number: NA
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

Alameda County CS:

Status: Preliminary Site Assessment Underway
Record Id: RO0002537
PE: 5502
Facility Status: Preliminary Site Assessment Underway
Latitude: 37.804004687
Longitude: -122.29550778

Status: Pollution Characterization
Record Id: RO0002537
PE: 5502
Facility Status: Pollution Characterization
Latitude: 37.804004687
Longitude: -122.29550778

Status: Remedial Action Underway
Record Id: RO0002537
PE: 5502
Facility Status: Remedial Action Underway
Latitude: 37.804004687
Longitude: -122.29550778

Status: Case Closed
Record Id: RO0002537
PE: 5502
Facility Status: Case Closed
Latitude: 37.804004687
Longitude: -122.29550778

CERS TANKS:

Site ID: 196170
CERS ID: T06019778849
CERS Description: Cleanup Program Site

**K52
NW
1/4-1/2
0.262 mi.
1381 ft.**

**800 CEDAR ST
800 CEDAR STREET
OAKLAND, CA 94607**

**US BROWNFIELDS 1024008359
N/A**

Site 1 of 2 in cluster K

**Relative:
Lower
Actual:
13 ft.**

US BROWNFIELDS:
Property Name: 800 CEDAR ST
Recipient Name: Oakland, City of
Grant Type: Assessment
Property Number: Not reported
Parcel size: 5
Latitude: 37.809703
Longitude: -122.30336799999998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

800 CEDAR ST (Continued)

1024008359

HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	127441
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	10000
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:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	00T18101
Start Date:	04/18/2011 00:00:00
Ownership Entity:	Not reported
Completion Date:	07/15/2011 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	U
Video Available:	Not reported
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
Controlled substance found:	Not reported
Controlled 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:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

800 CEDAR ST (Continued)

1024008359

Other cleaned up:	Not reported
Other metals found:	Y
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:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
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:	Y
Cadmium contaminant found:	Y
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:	Y
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

800 CEDAR ST (Continued)

1024008359

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:	Not reported
Below Poverty Number:	1590
Below Poverty Percent:	35.3%
Meidan Income:	16448
Meidan Income Number:	2463
Meidan Income Percent:	54.7%
Vacant Housing Number:	430
Vacant Housing Percent:	21.5%
Unemployed Number:	370
Unemployed Percent:	8.2%

**K53
 NW
 1/4-1/2
 0.262 mi.
 1381 ft.**

**DEPT OF TRANSPORTATION DIST 4
 800 CEDAR ST
 OAKLAND, CA 94607
 Site 2 of 2 in cluster K**

**ENVIROSTOR S112894450
 VCP N/A
 HAZNET**

**Relative:
 Lower
 Actual:
 13 ft.**

ENVIROSTOR:

Facility ID:	1330037
Status:	Inactive - Needs Evaluation
Status Date:	09/03/2010
Site Code:	200350
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	5.51
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	18
Senate:	09
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.80970
Longitude:	-122.3033
APN:	6-47-1
Past Use:	MANUFACTURING - METAL, MANUFACTURING - OTHER
Potential COC:	TPH-diesel
Confirmed COC:	TPH-diesel
Potential Description:	SOIL
Alias Name:	Not reported
Alias Type:	Not reported

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPT OF TRANSPORTATION DIST 4 (Continued)

S112894450

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

VCP:

Facility ID: 1330037
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 5.51
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 200350
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Inactive - Needs Evaluation
Status Date: 09/03/2010
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80970 / -122.3033
APN: 6-47-1
Past Use: MANUFACTURING - METAL, MANUFACTURING - OTHER
Potential COC: 30024
Confirmed COC: 30024
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPT OF TRANSPORTATION DIST 4 (Continued)

S112894450

HAZNET:
envid: S112894450
Year: 2000
GEPaid: CAC001479328
Contact: KATHLEEN WALDO/IT CORP
Telephone: 9169283300
Mailing Name: Not reported
Mailing Address: 111 GRAND AVE 14TH FL
Mailing City,St,Zip: OAKLAND, CA 946230000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Transfer Station
Tons: 1.75
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

L54
NNW
1/4-1/2
0.264 mi.
1393 ft.

RADOMSKY PROPERTY
930 PINE STREET
OAKLAND, CA 94607
Site 1 of 4 in cluster L

ENVIROSTOR S118756499
N/A

Relative:
Lower
Actual:
14 ft.

ENVIROSTOR:
Facility ID: 1880001
Status: No Action Required
Status Date: 07/16/2009
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.5
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.81064
Longitude: -122.3014
APN: 6-33-2
Past Use: UNKNOWN
Potential COC: Under Investigation
Confirmed COC: NONE SPECIFIED
Potential Description: UE
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RADOMSKY PROPERTY (Continued)

S118756499

Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**L55
NNW
1/4-1/2
0.267 mi.
1411 ft.**

**JENKINS AUTO WRECKERS
1778 10TH STREET
OAKLAND, CA 94607**

**ENVIROSTOR S102860812
Cortese N/A
ENF**

Site 2 of 4 in cluster L

**Relative:
Lower
Actual:
14 ft.**

ENVIROSTOR:
Facility ID: 1750025
Status: Inactive - Needs Evaluation
Status Date: 06/22/2010
Site Code: 200869
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Tom Price
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.81093
Longitude: -122.3007
APN: 6-31-38, 6-31-39, 6-31-40, 6-31-41, 6-31-42, 6-31-43, 6-31-44
Past Use: JUNKYARD
Potential COC: Under Investigation
Confirmed COC: 31001-NO
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JENKINS AUTO WRECKERS (Continued)

S102860812

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

CORTESE:

Region: CORTESE
Envirostor Id: 1750025
Site/Facility Type: STATE RESPONSE
Cleanup Status: BACKLOG
Status Date: 06/22/2010
Site Code: 200869
Latitude: 37.810932
Longitude: -122.30070
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

ENF:

Region: 2
Facility Id: 233600
Agency Name: Jenkins Auto Wrecking
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 9999
SIC Desc 1: Nonclassifiable Establishments
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JENKINS AUTO WRECKERS (Continued)

S102860812

Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 019332N01
Reg Measure Id:	162217
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221919
Region:	2
Order / Resolution Number:	R2-1998-0011
Enforcement Action Type:	Admin Civil Liability
Effective Date:	02/18/1998
Adoption/Issuance Date:	02/18/1998
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 019332N01
Description:	ACL-DID NOT KNOW WHAT WAS GOING ON, PROBABLY UNABLE TO COLLECT. This was ACLO for NPDES industrial stormwater permit non-filer--needed permit coverage, but didn't get it.
Program:	UNREGS
Latest Milestone Completion Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JENKINS AUTO WRECKERS (Continued)

S102860812

Of Programs1: 1
Total Assessment Amount: 15000
Initial Assessed Amount: 0
Liability \$ Amount: 15000
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

M56
NNW
1/4-1/2
0.268 mi.
1416 ft.

BATAVIA PROPERTY
1832 9TH STREET
OAKLAND, CA
Site 1 of 2 in cluster M

SEMS-ARCHIVE 1003880072
CA0002059400

Relative:
Lower

SEMS Archive:
Site ID: 905364
EPA ID: CA0002059400
Cong District: Not reported
FIPS Code: 6001
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Latitude: 37.81055599999998
Longitude: -122.30166699999999

Actual:
14 ft.

SEMS Archive Detail:

Region: 9
Site ID: 905364
EPA ID: CA0002059400
Site Name: BATAVIA PROPERTY
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1999-02-09 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 905364
EPA ID: CA0002059400
Site Name: BATAVIA PROPERTY
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1997-10-20 00:00:00
Finish Date: 1999-02-09 00:00:00
Qual: N
Current Action Lead: St Perf

Region: 9

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BATAVIA PROPERTY (Continued)

1003880072

Site ID: 905364
 EPA ID: CA0002059400
 Site Name: BATAVIA PROPERTY
 NPL: N
 FF: N
 OU: 0
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1997-09-25 00:00:00
 Finish Date: 1997-09-25 00:00:00
 Qual: Not reported
 Current Action Lead: St Perf

57
East
1/4-1/2
0.273 mi.
1443 ft.

CHEVRON #20-6145 / SIGNAL SS (NON-P
800 CENTER ST
OAKLAND, CA 94607

LUST **S104583294**
CPS-SLIC **N/A**
Alameda County CS
HIST CORTESE
CERS

Relative:
Higher
Actual:
18 ft.

LUST:
 Lead Agency: ALAMEDA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102230
 Global Id: T0600102230
 Latitude: 37.806466325
 Longitude: -122.294235
 Status: Open - Verification Monitoring
 Status Date: 05/26/2016
 Case Worker: MD
 RB Case Number: 01-2421
 Local Agency: ALAMEDA COUNTY LOP
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: RO0000454
 Potential Media Affect: Other Groundwater (uses other than drinking water), Soil
 Potential Contaminants of Concern: Benzene, Diesel, Ethylbenzene, Gasoline, Naphthalene, Toluene, Xylene
 Site History: Between 1932 and 1973 the site was used as a service station. The number of generations of USTs that have been installed at the site is unknown. A number of USTs were removed in 1973 when the service station was decommissioned. In August 1989 bores B1 to B5 were installed and elevated concentrations were encountered. In 1995 three soil bores were installed, and in October wells MW-1 to MW-4 were installed. Nine additional soil bores were installed in March 1996, and in December offsite wells MW-5 to MW-7 were installed. In 1997 five soil vapor bores were installed. In 1999 2000 two more USTs were removed and a buried 55-gallon drum (as a waste oil UST) was removed. Hydraulic hoists were also removed at this time. In January 2002 well MW-8 was installed offsite. Twenty-three Geoprobe bores were installed in June 2002 to profile soil for upcoming over-excavation; elevated concentrations were encountered. In November 2002 approximately 1,584 tons of impacted soil was removed from the site and 900 pounds of ORC was placed in the excavation prior to backfilling with Class II aggregate base-rock. In January 2003 seven soil bores were installed and well MW-1 was replaced with MW-1A; elevated concentrations were detected. In October 2004 installed five CPT bores up to 70 feet bgs, and installed nine soil bores to 25 feet bgs. In preparation for potential additional over-excavation eight

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

additional soil bores were installed in June 2006; ultimately the excavation did not proceed. In April 2007 wells MW-9 to MW-17 were installed to vertically delineate multiple water-bearing zones (and determine the direction of groundwater flow) beneath the site based on the results of the CPT bores installed in 2004. A Feasibility Study was submitted in November 2007, and modified in January 2008. Soil vapor was identified as a data gap in the November 2007 FS; consequently in November 2007 six permanent vapor points were installed at the site. Due to sampling problems, the vapor points were re-sampled in October 2008. A low flow air sparging pilot test has recently been approved for the site. Groundwater monitoring has been conducted since October 1995 at the site. The site appears eligible for closure with a Site Management Plan. At this time soil analytical data for the 5 to 10 foot intervals of soil exceeds all residential, commercial / industrial, and utility worker direct contact and volatilization to outdoor air criteria; however, the contamination appears to be stable as it presently exists. Re-evaluation of this case is appropriate if land use changes from the current use as vacant land due to the magnitude of residual contamination. A Voluntary Remedial Action Program (VRAP) case is required to be opened prior to case closure due to concentrations of pesticides, metals, and PCBs in shallow soil at the site as it is not appropriate to manage non-petroleum contamination in a petroleum hydrocarbon program. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>.

LUST:

Global Id:	T0600102230
Contact Type:	Local Agency Caseworker
Contact Name:	MARK DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA
Email:	mark.detterman@acgov.org
Phone Number:	5105676876
Global Id:	T0600102230
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600102230
Action Type:	RESPONSE
Date:	11/18/2011
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	11/18/2011
Action:	Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/08/2016
Action: Well Destruction Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/25/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 08/17/2011
Action: Staff Letter - #20110817

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 06/22/2017
Action: Petition Submitted for Review

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 03/13/2018
Action: Meeting

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 04/06/2015
Action: Staff Letter - #20150406

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/07/2017
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 09/28/2017
Action: Staff Letter

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/29/2005
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/15/1999
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/11/1997
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 08/24/1998
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/29/2003
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/18/2003
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/29/2005
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/13/2005
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/19/2007
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/26/1996
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/10/1996
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 02/23/1996
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/18/2008
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/18/2012
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/29/2007
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/15/1997
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/29/1997
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/30/1997
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/27/1995
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/29/1996
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/17/2007
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/07/1995
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/23/1997
Action: Other Report / Document

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 03/16/2009
Action: Staff Letter - #20090316

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102230
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 10/16/2009
Action: Staff Letter - #20091016

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 01/18/1996
Action: Referral to District Attorney

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 06/27/2017
Action: Staff Letter

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/28/2017
Action: Soil and Water Investigation Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/23/2003
Action: Well Destruction Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/30/1997
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/31/2002
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/03/1988
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/13/1989
Action: Preliminary Site Assessment Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/14/1995
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/18/1996
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/29/1997
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/11/2002
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/15/2003
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 08/20/2008
Action: Staff Letter - #20080820

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 04/08/2016
Action: Notice of Responsibility - #20160408

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/19/2018
Action: Soil and Water Investigation Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/01/2009
Action: Other Workplan

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 08/01/2018
Action: Staff Letter

Global Id: T0600102230
Action Type: Other
Date: 10/13/1989
Action: Leak Discovery

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/24/2017
Action: Request for Closure - Regulator Responded

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 12/29/2016
Action: Notice to Comply - #20161229

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 05/26/2016
Action: Staff Letter - #20160526

Global Id: T0600102230
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 05/23/2017
Action: Staff Letter

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/26/2014
Action: Correspondence

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 09/15/2015
Action: Notification - Public Participation Document - #20150915

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 07/25/2018
Action: Meeting

Global Id: T0600102230
Action Type: RESPONSE
Date: 08/19/2016
Action: Sensitive Receptor Survey Report

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 09/20/2013
Action: Staff Letter - #20130920

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 02/04/2013
Action: Staff Letter - #20130204

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/18/2016
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 04/04/2016
Action: Staff Letter - #20160404

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 11/30/2017
Action: Meeting

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 03/14/2013
Action: Staff Letter - #20130314

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/03/2012
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id:	T0600102230
Action Type:	ENFORCEMENT
Date:	06/19/2015
Action:	Staff Letter - #20150619
Global Id:	T0600102230
Action Type:	ENFORCEMENT
Date:	03/27/2014
Action:	Staff Letter - #20140327
Global Id:	T0600102230
Action Type:	ENFORCEMENT
Date:	03/13/2014
Action:	Meeting - #20140313
Global Id:	T0600102230
Action Type:	REMEDIATION
Date:	11/15/2002
Action:	Excavation
Global Id:	T0600102230
Action Type:	ENFORCEMENT
Date:	09/15/2015
Action:	Staff Letter - #20150915
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	10/06/2011
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0600102230
Action Type:	ENFORCEMENT
Date:	01/10/2018
Action:	Meeting
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	12/15/2009
Action:	Soil and Water Investigation Workplan
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	02/15/2010
Action:	Soil and Water Investigation Report
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	11/30/2011
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	01/20/1999
Action:	Monitoring Report - Quarterly
Global Id:	T0600102230
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 03/25/2004
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/03/2003
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/24/1996
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/14/2009
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 08/17/2011
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/03/1998
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/29/1998
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/25/2006
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/22/1999
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/17/2001
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/14/1989
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/09/2010
Action: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id:	T0600102230
Action Type:	RESPONSE
Date:	11/04/2010
Action:	Correspondence
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	02/02/2011
Action:	Correspondence
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	09/27/2011
Action:	Correspondence
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	08/20/2008
Action:	Correspondence
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	05/14/2009
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	05/20/1997
Action:	Monitoring Report - Quarterly
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	10/04/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	01/03/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	12/26/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	12/12/2009
Action:	Correspondence
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	06/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0600102230
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 08/11/2008
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 02/14/2012
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/23/2009
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/01/2011
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/04/1998
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/30/2007
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/11/2002
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/02/2001
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/26/2002
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/25/2002
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/02/2003
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/27/2007
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/09/2008
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/25/2012
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/16/2010
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/02/2008
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/13/1989
Action: Preliminary Site Assessment Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/23/2005
Action: Conceptual Site Model

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/03/2008
Action: Conceptual Site Model

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/03/2008
Action: Conceptual Site Model

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/14/1998
Action: Well Installation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/18/1996
Action: Well Installation Report

Global Id: T0600102230
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 01/30/1997
Action: Well Installation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/05/2008
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/29/2011
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/28/1997
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/18/2008
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/08/2009
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/24/2009
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/22/2010
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/02/2010
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/12/2001
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/12/2001
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 02/01/2001
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id:	T0600102230
Action Type:	RESPONSE
Date:	11/09/2006
Action:	Other Report / Document
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	04/17/2004
Action:	Other Report / Document
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	04/30/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	02/23/2012
Action:	Other Report / Document
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	12/01/1995
Action:	Other Report / Document
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	06/22/2004
Action:	Other Workplan
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	05/07/1998
Action:	Other Workplan
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	07/20/2001
Action:	Other Workplan
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	04/13/2006
Action:	Other Workplan
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	12/15/2009
Action:	Other Workplan
Global Id:	T0600102230
Action Type:	RESPONSE
Date:	02/15/2010
Action:	Soil and Water Investigation Report
Global Id:	T0600102230
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 04/02/2012
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/25/2001
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 08/06/2001
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/19/2002
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/01/2009
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/14/2007
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/06/2004
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/23/2006
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/27/2009
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 08/13/1996
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/06/2007
Action: Other Workplan

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/17/2005
Action: Other Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/14/2005
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/21/1999
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/22/1999
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/14/2000
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/17/2002
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/12/2007
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/08/2011
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/27/2009
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 08/28/1997
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/18/1998
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 01/10/2012
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/28/1997
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/05/2011
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/24/2008
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/05/2009
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/22/2010
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/22/2010
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/06/2011
Action: Interim Remedial Action Plan

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/12/2001
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/03/2003
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/25/2004
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/14/2011
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/31/2011
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/09/2012
Action: Monitoring Report - Quarterly

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/01/2006
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/18/2008
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 04/15/1996
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/02/1997
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/27/2006
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/02/1997
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/13/2006
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 05/21/2001
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/23/2003
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/23/2008
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 11/01/2007
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 05/17/1995
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/16/2009
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 12/05/2007
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 10/30/2008
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/07/2010
Action: Correspondence

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/28/2014
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/24/2015
Action: Correspondence - Regulator Responded

Global Id: T0600102230
Action Type: RESPONSE
Date: 02/13/2015
Action: Correspondence - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Global Id: T0600102230
Action Type: RESPONSE
Date: 03/24/2014
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 03/10/2014
Action: Staff Letter - #20140310

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 08/26/2014
Action: Staff Letter - #20140826

Global Id: T0600102230
Action Type: RESPONSE
Date: 01/31/2014
Action: Correspondence

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 12/23/2013
Action: Staff Letter - #20131223

Global Id: T0600102230
Action Type: RESPONSE
Date: 09/16/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/26/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600102230
Action Type: ENFORCEMENT
Date: 05/25/2006
Action: Staff Letter - #20060525

Global Id: T0600102230
Action Type: Other
Date: 04/11/1995
Action: Leak Reported

Global Id: T0600102230
Action Type: RESPONSE
Date: 07/15/1997
Action: Soil and Water Investigation Report

Global Id: T0600102230
Action Type: RESPONSE
Date: 06/22/2017
Action: Other Report / Document

Global Id: T0600102230
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Date: 09/28/2017
Action: Email Correspondence

LUST:

Global Id: T0600102230
Status: Open - Assessment & Interim Remedial Action
Status Date: 01/29/2003

Global Id: T0600102230
Status: Open - Case Begin Date
Status Date: 04/14/1995

Global Id: T0600102230
Status: Open - Eligible for Closure
Status Date: 06/12/2015

Global Id: T0600102230
Status: Open - Eligible for Closure
Status Date: 08/26/2015

Global Id: T0600102230
Status: Open - Remediation
Status Date: 11/15/2002

Global Id: T0600102230
Status: Open - Site Assessment
Status Date: 04/14/1995

Global Id: T0600102230
Status: Open - Verification Monitoring
Status Date: 05/26/2016

LUST REG 2:

Region: 2
Facility Id: 01-2421
Facility Status: Preliminary site assessment underway
Case Number: 5544
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 4/19/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Region: STATE
Facility Status: Open - Active
Status Date: 11/03/2017
Global Id: T10000011146
Lead Agency: ALAMEDA COUNTY LOP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Lead Agency Case Number: RO0003272
Latitude: 37.8065236424792
Longitude: -122.294075656414
Case Type: Cleanup Program Site
Case Worker: MD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Polychlorinated biphenyls (PCBs), Lead
Site History: Not all historic documents for the case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>. This case has been opened to manage non-petroleum hydrocarbon contamination (lead and PCBs) in shallow soil associated with the site.

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000454
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.806347957
Longitude: -122.29438521

Status: Pollution Characterization
Record Id: RO0000454
PE: 5602
Facility Status: Pollution Characterization
Latitude: 37.806347957
Longitude: -122.29438521

Status: Leak Confirmation
Record Id: RO0003272
PE: 5502
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2421

CERS TANKS:

Site ID: 430045
CERS ID: T10000011146
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: MARK DETTERMAN - ALAMEDA COUNTY LOP
Entity Title: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON #20-6145 / SIGNAL SS (NON-P (Continued))

S104583294

Affiliation Address: 1131 HARBOR BAY PARKWAY
 Affiliation City: ALAMEDA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: 5105676876

Site ID: 216721
 CERS ID: T0600102230
 CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
 Entity Name: MARK DETTERMAN - ALAMEDA COUNTY LOP
 Entity Title: Not reported
 Affiliation Address: 1131 HARBOR BAY PARKWAY
 Affiliation City: ALAMEDA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: 5105676876

J58
SSE
 1/4-1/2
 0.275 mi.
 1453 ft.

SOUTHERN PACIFIC 3RD ST VACANT LOT
1509/1513 THIRD STREET
OAKLAND, CA 94607

ENVIROSTOR **S116165225**
VCP **N/A**

Site 4 of 4 in cluster J

Relative:
Lower
Actual:
11 ft.

ENVIROSTOR:
 Facility ID: 1400013
 Status: Certified
 Status Date: 07/28/2000
 Site Code: 201028
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 0.12
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Lynn Nakashima
 Supervisor: Barbara Cook
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC 3RD ST VACANT LOT (Continued)

S116165225

Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80300
Longitude: -122.2984
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1400013
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.12
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 201028
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 07/28/2000
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80300 / -122.2984
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC: 30013
Confirmed COC: 30013
Potential Description: SOIL
Alias Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN PACIFIC 3RD ST VACANT LOT (Continued)

S116165225

Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported

Completed Sub Area Name: Not reported

Completed Document Type: Not reported

Completed Date: Not reported

Comments: Not reported

Future Area Name: Not reported

Future Sub Area Name: Not reported

Future Document Type: Not reported

Future Due Date: Not reported

Schedule Area Name: Not reported

Schedule Sub Area Name: Not reported

Schedule Document Type: Not reported

Schedule Due Date: Not reported

Schedule Revised Date: Not reported

N59
ESE
 1/4-1/2
 0.294 mi.
 1550 ft.

MANDELA GATEWAY REDEVELOPMENT
0 7TH ST & MANDELA PKWY
OAKLAND, CA 94607

Site 1 of 4 in cluster N

CPS-SLIC **S106784897**
Alameda County CS **N/A**
CERS

Relative:
Higher
Actual:
16 ft.

CPS-SLIC:

Region: STATE

Facility Status: Completed - Case Closed

Status Date: 10/14/2005

Global Id: T06019796839

Lead Agency: ALAMEDA COUNTY LOP

Lead Agency Case Number: RO0002517

Latitude: 37.8056262007211

Longitude: -122.294075489044

Case Type: Cleanup Program Site

Case Worker: Not reported

Local Agency: Not reported

RB Case Number: NA

File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media Affected: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Lead

Site History: Not reported

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

Alameda County CS:

Status: Preliminary Site Assessment Underway

Record Id: RO0002517

PE: 5502

Facility Status: Preliminary Site Assessment Underway

Latitude: 37.805626201

Longitude: -122.29407549

Status: Pollution Characterization

Record Id: RO0002517

PE: 5502

Facility Status: Pollution Charaterization

Latitude: 37.805626201

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MANDELA GATEWAY REDEVELOPMENT (Continued)

S106784897

Longitude: -122.29407549

Status: Remediation Plan
 Record Id: RO0002517
 PE: 5502
 Facility Status: Remediation Plan
 Latitude: 37.805626201
 Longitude: -122.29407549

Status: Remedial Action Underway
 Record Id: RO0002517
 PE: 5502
 Facility Status: Remedial Action Underway
 Latitude: 37.805626201
 Longitude: -122.29407549

Status: Case Closed
 Record Id: RO0002517
 PE: 5502
 Facility Status: Case Closed
 Latitude: 37.805626201
 Longitude: -122.29407549

CERS TANKS:
 Site ID: 219113
 CERS ID: T06019796839
 CERS Description: Cleanup Program Site

L60
NNW
1/4-1/2
0.295 mi.
1556 ft.

1014 PINE STREET
1014 PINE STREET
OAKLAND, CA 94607

US BROWNFIELDS **1023618464**
FINDS **N/A**

Site 3 of 4 in cluster L

Relative: US BROWNFIELDS:
Lower Property Name: 1014 PINE STREET
 Recipient Name: Oakland, City of
Actual: Grant Type: Assessment
 13 ft. Property Number: Not reported
 Parcel size: .2
 Latitude: 37.8112923
 Longitude: -122.3012172
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 122023
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: Not reported
 Assessment Funding Source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1014 PINE STREET (Continued)

1023618464

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
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	00T18101
Start Date:	Not reported
Ownership Entity:	Not reported
Completion Date:	Not reported
Current Owner:	Not reported
Did Owner Change:	N
Cleanup Required:	N
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
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
Controlled substance found:	Not reported
Controlled 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:	Y
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:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1014 PINE STREET (Continued)

1023618464

Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.1
Surface Water:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
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:	N
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:	Not reported
Below Poverty Number:	1659
Below Poverty Percent:	35.1%
Meidan Income:	13600
Meidan Income Number:	2653
Meidan Income Percent:	56.1%
Vacant Housing Number:	450
Vacant Housing Percent:	21.2%
Unemployed Number:	364
Unemployed Percent:	7.7%

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1014 PINE STREET (Continued)

1023618464

FINDS:

Registry ID: 110061037854

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

**L61
 NNW
 1/4-1/2
 0.302 mi.
 1594 ft.**

**GLOBE METALS COMPANY
 182010TH
 OAKLAND, CA 94607
 Site 4 of 4 in cluster L**

**HIST CORTESE S105025323
 N/A**

**Relative:
 Lower**

HIST CORTESE:
 Region: CORTESE

**Actual:
 13 ft.**

Facility County Code: 1
 Reg By: LTNKA
 Reg Id: 01-1918

**O62
 West
 1/4-1/2
 0.309 mi.
 1629 ft.**

**PHOENIX 524 PROPERTY
 524 CEDAR STREET
 OAKLAND, CA 94607
 Site 1 of 2 in cluster O**

**ENVIROSTOR S102008192
 VCP N/A
 HIST CORTESE**

**Relative:
 Lower**

ENVIROSTOR:
 Facility ID: 1330038
 Status: Inactive - Needs Evaluation
 Status Date: 09/03/2010
 Site Code: 200348
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 2.32
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Karen Toth
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.81025
 Longitude: -122.3042
 APN: 6-51-1
 Past Use: RETAIL - SERVICE STATION
 Potential COC: Arsenic Lead Cadmium and compounds Nickel

**Actual:
 12 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX 524 PROPERTY (Continued)

S102008192

Confirmed COC: Cadmium and compounds Nickel Arsenic Lead
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1330038
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.32
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 200348
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Inactive - Needs Evaluation
Status Date: 09/03/2010
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.81025 / -122.3042
APN: 6-51-1
Past Use: RETAIL - SERVICE STATION
Potential COC: 30001, 30013, 30108, 30407
Confirmed COC: 30108,30407,30001,30013
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX 524 PROPERTY (Continued)

S102008192

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01330038

**P63
WNW
1/4-1/2
0.309 mi.
1629 ft.**

**PHOENIX 766 PROPERTY
766 CEDAR STREET
OAKLAND, CA 94607**

**ENVIROSTOR
VCP
HIST CORTESE**

**S102008190
N/A**

Site 1 of 4 in cluster P

**Relative:
Lower
Actual:
13 ft.**

ENVIROSTOR:

Facility ID: 1330036
Status: Certified
Status Date: 03/05/1998
Site Code: 200349
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80853
Longitude: -122.3045
APN: NONE SPECIFIED
Past Use: UNKNOWN
Potential COC: Arsenic Lead Antimony and compounds Thallium and compounds
Confirmed COC: Thallium and compounds Antimony and compounds Arsenic Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX 766 PROPERTY (Continued)

S102008190

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

VCP:

Facility ID: 1330036
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200349
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 03/05/1998
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80853 / -122.3045
APN: NONE SPECIFIED
Past Use: UNKNOWN
Potential COC: 30001, 30013, 30058, 30542
Confirmed COC: 30542,30058,30001,30013
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHOENIX 766 PROPERTY (Continued)

S102008190

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01330036

P64 SOUTHERN PACIFIC TRANSP. CO.
West 721 CEDAR ST
1/4-1/2 OAKLAND, CA 94607
0.309 mi.
1632 ft. Site 2 of 4 in cluster P

LUST S101624394
Alameda County CS N/A
SWEEPS UST
CA FID UST
HIST CORTESE
CERS

Relative:
Lower

Actual:
13 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101303
Global Id: T0600101303
Latitude: 37.808337
Longitude: -122.305592
Status: Completed - Case Closed
Status Date: 08/05/1996
Case Worker: Not reported
RB Case Number: 01-1411
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000754
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600101303
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101303
Action Type: Other
Date: 01/11/1988
Action: Leak Reported

Global Id: T0600101303
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:
Global Id: T0600101303
Status: Completed - Case Closed
Status Date: 08/05/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSP. CO. (Continued)

S101624394

Global Id: T0600101303
Status: Open - Case Begin Date
Status Date: 01/11/1988

LUST REG 2:

Region: 2
Facility Id: 01-1411
Facility Status: Case Closed
Case Number: 3706
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 4/7/1992
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0000754
PE: 5602
Facility Status: Case Closed
Latitude: 37.808803635
Longitude: -122.30555546

SWEEPS UST:

Status: Not reported
Comp Number: 24516
Number: Not reported
Board Of Equalization: 44-000294
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-024516-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

CA FID UST:

Facility ID: 01001522
Regulated By: UTNKI
Regulated ID: 00024516
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158917710

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN PACIFIC TRANSP. CO. (Continued)

S101624394

Mail To: Not reported
 Mailing Address: 721 CEDAR ST
 Mailing Address 2: Not reported
 Mailing City,St,Zip: OAKLAND 94607
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

HIST CORTESE:

Region: CORTESE
 Facility County Code: 1
 Reg By: LTNKA
 Reg Id: 01-1411

CERS TANKS:

Site ID: 196596
 CERS ID: T0600101303
 CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Q65
NNW
1/4-1/2
0.311 mi.
1640 ft.

GAINES PROPERTY
1795 11TH STREET
OAKLAND, CA 94607
Site 1 of 4 in cluster Q

SEMS-ARCHIVE 1001212406
HIST Cal-Sites CA0002059426
CERS

Relative:
Lower
Actual:
13 ft.

SEMS Archive:
 Site ID: 905367
 EPA ID: CA0002059426
 Cong District: Not reported
 FIPS Code: 6001
 FF: Not reported
 NPL: NFRAP-Site does not qualify for the NPL based on existing information
 Non NPL Status: Not reported
 Latitude: Not reported
 Longitude: Not reported

SEMS Archive Detail:

Region: 9
 Site ID: 905367
 EPA ID: CA0002059426
 Site Name: GAINES PROPERTY
 NPL: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES PROPERTY (Continued)

1001212406

FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2013-11-07 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 905367
EPA ID: CA0002059426
Site Name: GAINES PROPERTY
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 2002-04-17 00:00:00
Finish Date: 2003-01-29 00:00:00
Qual: H
Current Action Lead: St Perf

Region: 9
Site ID: 905367
EPA ID: CA0002059426
Site Name: GAINES PROPERTY
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1997-09-25 00:00:00
Finish Date: 1997-09-25 00:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 9
Site ID: 905367
EPA ID: CA0002059426
Site Name: GAINES PROPERTY
NPL: N
FF: N
OU: 0
Action Code: VA
Action Name: OTHR CLEANUP
SEQ: 1
Start Date: Not reported
Finish Date: 2007-03-23 00:00:00
Qual: N
Current Action Lead: St Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES PROPERTY (Continued)

1001212406

Calsite:

Region: BERKELEY
Facility ID: 01750030
Facility Type: STATE
Type: STATE FUNDED SITE
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 09192003
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 75
SIC Name: AUTO REPAIR, SERVICES & PARKING
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: KHILF
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01750030
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08311998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01750030
Activity: RAW
Activity Name: REMOVAL ACTION WORKPLAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES PROPERTY (Continued)

1001212406

AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02092003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01750030
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09192003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	485
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	IN ADDITION TO SOIL REMOVAL, 9 COMPRESSED GAS CYLINDERS AND DRUMS CONTAINING ZINC DUST AND PAINT DEBRIS WERE REMOVED AND DISPOSED AT ANAPPROVED LANDFILL.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01750030
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09192003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES PROPERTY (Continued)

1001212406

Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01750030
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	I&SE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07292002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01750030
Activity:	FDNC
Activity Name:	FINAL DETERMINATION OF NON-COMPLIANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09202002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES PROPERTY (Continued)

1001212406

Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 1795 11TH STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: The Gaines Site is a vacant lot located in a mixed residential/
commercial/industrial neighborhood. It has been used to store
automobiles, drums, pressurized gas containers and other
miscellaneous equipment. Surface samples collected found lead
as high as 28,000 parts per million (ppm). No volatile or
semivolatile organic compounds were detected at significant
levels.
Comments Date: 02092003
Comments: A Removal Action Workplan was approved in February 2003 which
Comments Date: 02092003
Comments: required the removal of all soil containing metals above
Comments Date: 02092003
Comments: residential standards.
Comments Date: 06271997
Comments: Site Screening prepared under the US EPA Grant indicates that
Comments Date: 06271997
Comments: further assessment of this Site is needed.
Comments Date: 08012002
Comments: DTSC issued an Imminent and Substantial Endangerment Order to
Comments Date: 08012002
Comments: property owner.
Comments Date: 08311998
Comments: DTSC concluded that further assessment was needed and recommended
Comments Date: 08311998
Comments: that a site inspection be conducted by the City of Oakland.
Comments Date: 09192003
Comments: In June and July 2003, DTSC's remediation contractor conducted a
Comments Date: 09192003
Comments: Removal Action which consisted of excavation, consolidation and
Comments Date: 09192003
Comments: offsite disposal of 485 cubic yards of lead-contaminated soil
Comments Date: 09192003
Comments: and debris to a Class I landfill. In September 2003, DTSC
Comments Date: 09192003
Comments: approved the Completion Report for the Removal Action. DTSC
Comments Date: 09192003
Comments: certified that the property has been cleaned to unrestricted
Comments Date: 09192003
Comments: residential standards.
Comments Date: 09202002
Comments: DTSC determined the property owner to be in non-compliance with
Comments Date: 09202002
Comments: the order.
Comments Date: 11182001
Comments: DTSC staff conducted sampling at the property. Lead was found in
Comments Date: 11182001
Comments: surface soils at concentrations as high as 28,000 milligrams/
Comments Date: 11182001
Comments: kilogram (ppm).
ID Name: CALSTARS CODE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GAINES PROPERTY (Continued)

1001212406

ID Value: 201021
 Alternate Name: GAINES PROPERTY
 Alternate Name: Not reported
 Special Programs Code: Not reported
 Special Programs Name: Not reported

CERS TANKS:

Site ID: 337697
 CERS ID: 01750030
 CERS Description: State Response

Affiliation:

Affiliation Type Desc: Lead Project Manager
 Entity Name: PATRICK HSIEH
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: CYPRESS
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor
 Entity Name: Karen Toth
 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

Q66
NNW
 1/4-1/2
 0.311 mi.
 1640 ft.

MODESTO BEE
1795 11TH ST
OAKLAND, CA 94607
Site 2 of 4 in cluster Q

RESPONSE **S112927565**
ENVIROSTOR **N/A**
HAZNET

Relative:
Lower
Actual:
13 ft.

RESPONSE:
 Facility ID: 1750030
 Site Type: State Response
 Site Type Detail: State Response or NPL
 Acres: 0.11
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP
 Lead Agency Description: DTSC - Site Cleanup Program
 Project Manager: Patrick Hsieh
 Supervisor: Karen Toth
 Division Branch: Cleanup Berkeley
 Site Code: 201021
 Site Mgmt. Req.: NONE SPECIFIED
 Assembly: 18
 Senate: 09
 Special Program Status: Not reported
 Status: Certified
 Status Date: 09/19/2003
 Restricted Use: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MODESTO BEE (Continued)

S112927565

Funding: Orphan Funds
Latitude: 37.81151
Longitude: -122.3007
APN: 6-31-15
Past Use: JUNKYARD, RECYCLING - SCRAP METAL
Potential COC : Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1750030
Status: Certified
Status Date: 09/19/2003
Site Code: 201021
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.11
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Patrick Hsieh
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 37.81151
Longitude: -122.3007
APN: 6-31-15
Past Use: JUNKYARD, RECYCLING - SCRAP METAL
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MODESTO BEE (Continued)

S112927565

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S112927565
Year: 2003
GEPaid: CAC002561281
Contact: MIKE TRAINOR
Telephone: 2095782219
Mailing Name: Not reported
Mailing Address: PO BOX 3928
Mailing City,St,Zip: MODESTO, CA 953523928
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: 0.3
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

**M67
NW
1/4-1/2
0.315 mi.
1664 ft.**

**BATAVIA PROPERTY
1832 9TH STREET
OAKLAND, CA 94607**

**ENVIROSTOR S102860821
N/A**

Site 2 of 2 in cluster M

**Relative:
Lower
Actual:
13 ft.**

ENVIROSTOR:
Facility ID: 1990021
Status: No Further Action
Status Date: 08/25/1998
Site Code: 201020
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 4.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BATAVIA PROPERTY (Continued)

S102860821

Senate: 09
 Special Program: EPA - PASI
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.81055
 Longitude: -122.3022
 APN: NONE SPECIFIED
 Past Use: OFFICE BUILDING, TRANSPORTATION - WAREHOUSING
 Potential COC: NONE SPECIFIED No Contaminants found
 Confirmed COC: 31000-NO
 Potential Description: NMA
 Alias Name: Not reported
 Alias Type: Not reported

Completed Info:
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

68
ENE
1/4-1/2
0.316 mi.
1671 ft.

WEST OAKLAND AREA I
7TH STREET BETWEEN PINE AND CENTER STREETS
OAKLAND, CA 94607

US BROWNFIELDS **1016358727**
FINDS **N/A**

Relative:
Higher
Actual:
20 ft.

US BROWNFIELDS:
 Property Name: WEST OAKLAND AREA I
 Recipient Name: R9 TBA (STAG Funded)
 Grant Type: TBA
 Property Number: Not reported
 Parcel size: 70
 Latitude: 37.8146
 Longitude: -122.2945
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 131530
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST OAKLAND AREA I (Continued)

1016358727

Cleanup Funding Source:	Not reported
Assessment Funding:	11000
Assessment Funding Source:	US EPA - TBA Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	n/a
Start Date:	09/14/2010 00:00:00
Ownership Entity:	Not reported
Completion Date:	02/20/2011 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	U
Video Available:	Not reported
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
Controlled substance found:	Not reported
Controlled 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST OAKLAND AREA I (Continued)

1016358727

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
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
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:	Not reported
Below Poverty Number:	3007
Below Poverty Percent:	35.5%
Meidan Income:	12689
Meidan Income Number:	4863
Meidan Income Percent:	57.4%
Vacant Housing Number:	579

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WEST OAKLAND AREA I (Continued)

1016358727

Vacant Housing Percent: 15.0%
 Unemployed Number: 717
 Unemployed Percent: 8.5%

FINDS:

Registry ID: 110043562999

Environmental Interest/Information System
 US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)
 is a federal online database for Brownfields Grantees to
 electronically submit data directly to EPA.

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

O69
West
1/4-1/2
0.320 mi.
1687 ft.
Relative:
Lower
Actual:
12 ft.

CAL-EAST FOODS
505 CEDAR STREET
OAKLAND, CA 94607
Site 2 of 2 in cluster O

ENVIROSTOR
LUST
Alameda County CS
VCP
SWEEPS UST
HIST CORTESE
CERS

S100931451
N/A

ENVIROSTOR:
 Facility ID: 1510024
 Status: Certified
 Status Date: 06/30/2006
 Site Code: 200457
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: .75
 NPL: NO
 Regulatory Agencies: SMBRP, ALAMEDA COUNTY
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.80722
 Longitude: -122.3041
 APN: 6-55-2
 Past Use: TRANSPORTATION - WAREHOUSING
 Potential COC: TPH-gas
 Confirmed COC: TPH-gas
 Potential Description: SOIL
 Alias Name: Not reported
 Alias Type: Not reported

Completed Info:
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-EAST FOODS (Continued)

S100931451

Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100200
Global Id: T0600100200
Latitude: 37.872849
Longitude: -122.304109
Status: Completed - Case Closed
Status Date: 06/30/2006
Case Worker: MP
RB Case Number: 01-0214
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 01510024
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600100200
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600100200
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600100200
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter - #20090728

Global Id: T0600100200
Action Type: REMEDIATION
Date: 11/18/1993
Action: Excavation

Global Id: T0600100200
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-EAST FOODS (Continued)

S100931451

Global Id: T0600100200
Action Type: Other
Date: 11/18/1993
Action: Leak Reported

Global Id: T0600100200
Action Type: Other
Date: 11/18/1993
Action: Leak Discovery

LUST:

Global Id: T0600100200
Status: Completed - Case Closed
Status Date: 06/30/2006

Global Id: T0600100200
Status: Open - Case Begin Date
Status Date: 11/18/1993

Global Id: T0600100200
Status: Open - Referred
Status Date: 05/10/1994

Global Id: T0600100200
Status: Open - Site Assessment
Status Date: 11/18/1993

Global Id: T0600100200
Status: Open - Site Assessment
Status Date: 07/27/1994

Global Id: T0600100200
Status: Open - Verification Monitoring
Status Date: 07/27/1994

LUST REG 2:

Region: 2
Facility Id: 01-0214
Facility Status: Leak being confirmed
Case Number: 3971
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: Tank
Date Leak Confirmed: 10/6/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000306

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-EAST FOODS (Continued)

S100931451

PE: 5602
Facility Status: Leak Confirmation
Latitude: 43.426635388
Longitude: -123.29749937

Status: 11
Record Id: RO0000306
PE: 5602
Facility Status: Not reported
Latitude: 43.426635388
Longitude: -123.29749937

Status: Preliminary Site Assessment Underway
Record Id: RO0000306
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: 43.426635388
Longitude: -123.29749937

Status: Pollution Characterization
Record Id: RO0000306
PE: 5602
Facility Status: Pollution Characterization
Latitude: 43.426635388
Longitude: -123.29749937

Status: Verificaiton Monitoring Underway
Record Id: RO0000306
PE: 5602
Facility Status: Verification Monitoring Underway
Latitude: 43.426635388
Longitude: -123.29749937

VCP:

Facility ID: 1510024
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: .75
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, ALAMEDA COUNTY
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200457
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 06/30/2006
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80722 / -122.3041
APN: 6-55-2
Past Use: TRANSPORTATION - WAREHOUSING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-EAST FOODS (Continued)

S100931451

Potential COC: 30025
Confirmed COC: 30025
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 4923
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-004923-000001
Tank Status: Not reported
Capacity: 2500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01510024

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0214

CERS TANKS:

Site ID: 193175
CERS ID: T0600100200
CERS Description: Leaking Underground Storage Tank Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

70
West
1/4-1/2
0.320 mi.
1691 ft.

ALL WEATHER DOOR
1851 5TH ST
OAKLAND, CA 94607

ENVIROSTOR
LUST
Alameda County CS
VCP
CHMIRS
HIST CORTESE
CERS

S102423862
N/A

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:
Facility ID: 1990013
Status: Inactive - Needs Evaluation
Status Date: 09/03/2010
Site Code: 200469
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.11
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80681
Longitude: -122.3064
APN: 006-0055-004-00
Past Use: RETAIL - SERVICE STATION
Potential COC: TPH-gas TPH-MOTOR OIL
Confirmed COC: TPH-gas TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101584

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL WEATHER DOOR (Continued)

S102423862

Global Id: T0600101584
Latitude: 37.80715
Longitude: -122.304878
Status: Open - Site Assessment
Status Date: 07/29/2010
Case Worker: MP
RB Case Number: 01-1713
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000192
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600101584
Action Type: Other
Date: 06/21/1988
Action: Leak Discovery

Global Id: T0600101584
Action Type: ENFORCEMENT
Date: 05/29/2008
Action: Staff Letter - #20080529

Global Id: T0600101584
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600101584
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101584
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101584
Action Type: Other
Date: 06/21/1988
Action: Leak Reported

Global Id: T0600101584
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600101584
Action Type: RESPONSE
Date: 07/28/2008
Action: Soil and Water Investigation Workplan

LUST:

Global Id: T0600101584

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL WEATHER DOOR (Continued)

S102423862

Status: Open - Case Begin Date
Status Date: 06/21/1988

Global Id: T0600101584
Status: Open - Referred
Status Date: 05/10/1994

Global Id: T0600101584
Status: Open - Site Assessment
Status Date: 06/21/1988

Global Id: T0600101584
Status: Open - Site Assessment
Status Date: 06/22/1992

Global Id: T0600101584
Status: Open - Site Assessment
Status Date: 07/29/2010

LUST REG 2:

Region: 2
Facility Id: 01-1713
Facility Status: Preliminary site assessment underway
Case Number: 3795
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: Tank
Date Leak Confirmed: 3/25/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000192
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.806847111
Longitude: -122.30606134

Status: 11
Record Id: RO0000192
PE: 5602
Facility Status: Not reported
Latitude: 37.806847111
Longitude: -122.30606134

Status: Preliminary Site Assessment Underway
Record Id: RO0000192
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL WEATHER DOOR (Continued)

S102423862

Latitude: 37.806847111
Longitude: -122.30606134

VCP:

Facility ID: 1990013
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.11
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 200469
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Inactive - Needs Evaluation
Status Date: 09/03/2010
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80681 / -122.3064
APN: 006-0055-004-00
Past Use: RETAIL - SERVICE STATION
Potential COC: 30025, 3002502
Confirmed COC: 30025,3002502
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:

OES Incident Number: 1-2794
OES notification: 05/05/2011
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL WEATHER DOOR (Continued)

S102423862

Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	1246
Year:	2011
Agency:	UPRR
Incident Date:	5/5/2011
Admin Agency:	City of Oakland Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Train Derailment
Quantity Released:	N/A
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL WEATHER DOOR (Continued)

S102423862

Fatals: Not reported
Comments: Not reported
Description: Caller states train YOA78 of the 5th derailed 6 railcars upright, Caller states cars are caring autos. Caller states derailment occurred inside the West Oakland Railyard. Caller states contractor to arrive at 1800 Hrs to begin re-railment.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1713

CERS TANKS:
Site ID: 245818
CERS ID: T0600101584
CERS Description: Leaking Underground Storage Tank Cleanup Site

**N71
ESE
1/4-1/2
0.321 mi.
1694 ft.**

**EBMUD - CYPRESS RECONSTRUCTION
CYPRESS STREET
OAKLAND, CA 94607
Site 2 of 4 in cluster N**

**CPS-SLIC S117338914
CERS N/A**

**Relative:
Higher
Actual:
17 ft.**

CPS-SLIC:
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 10/22/2014
Global Id: T10000006296
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.8057572
Longitude: -122.2935197
Case Type: Cleanup Program Site
Case Worker: CSF
Local Agency: Not reported
RB Case Number: 01S0371
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:](#)

CERS TANKS:
Site ID: 205120
CERS ID: T10000006296
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CECILIO FELIX - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 Clay St. Suite 1400
Affiliation City: OAKLAND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EBMUD - CYPRESS RECONSTRUCTION (Continued)

S117338914

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5106222343

R72
NNW
1/4-1/2
0.324 mi.
1710 ft.

GLOBE METALS
1820 10TH ST
OAKLAND, CA 94607

CPS-SLIC
Alameda County CS
PROC
WDS
CERS

1001612900
N/A

Site 1 of 3 in cluster R

Relative:
Lower

CPS-SLIC:

Actual:
13 ft.

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/02/2009
Global Id: T0600191528
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.8114718346688
Longitude: -122.301874349243
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 01S0363
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Lead
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:

Region: 2
Facility ID: 01S0363
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: 11/7/1994
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0003019
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLOBE METALS (Continued)

1001612900

Status: 11
Record Id: RO0003019
PE: 5602
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0003019
PE: 5602
Facility Status: Pollution Characterization
Latitude: Not reported
Longitude: Not reported

PROC:

Reg Id: 24322
Cert Id: PR0328
Organization Id: 19442
Organization Name: California Waste Solutions Inc
Mailing Address: 1211 Embarcadero Ste 300
Mailing City: Oakland
Mailing State: CA
Mailing Zip Code: 94606
Website: Not reported
Email: kristinaduong@calwaste.com
Phone Number: (510) 836-6200
Rural: N/A
Operation Begin Date: 09/15/2000
Aluminium: Not reported
Glass: Not reported
Plastic: Not reported
Bimetal: Not reported
Hours of Operation: Mon - Fri Unknown; Sat - Sun Closed

WDS:

Facility ID: San Francisco Bay 011017552
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 5108328111
Facility Contact: KRISTINA DUONG
Agency Name: CA WST SOLUTIONS INC
Agency Address: 1820TENTH ST
Agency City,St,Zip: OAKLAND 94607
Agency Contact: VICTOR DUONG
Agency Telephone: 5108328111
Agency Type: Private
SIC Code: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GLOBE METALS (Continued)

1001612900

SIC Code 2: Not reported
 Primary Waste Type: Not reported
 Primary Waste: Not reported
 Waste Type2: Not reported
 Waste2: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS TANKS:

Site ID: 230067
 CERS ID: T0600191528
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

**R73
 NNW
 1/4-1/2
 0.324 mi.
 1710 ft.**

**CA WASTE SOLUTIONS 10TH ST SEALED CONT
 1820 10TH STREET (PARKING LOT)
 OAKLAND, CA**

**SWF/LF S123142685
 N/A**

Site 2 of 3 in cluster R

**Relative:
 Lower
 Actual:
 13 ft.**

SWF/LF (SWIS):
 Facility ID: 01-AA-0329
 Lat/Long: 37.81167 / -122.30173
 Owner Name: California Waste Solutions, Inc.
 Owner Telephone: 5108328111
 Owner Address: Not reported
 Owner Address2: 1820 10th St.
 Owner City,St,Zip: Oakland, CA 94607
 Operational Status: Active
 Operator: California Waste Solutions, Inc.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CA WASTE SOLUTIONS 10TH ST SEALED CONT (Continued)

S123142685

Operator Phone: 5108328111
Operator Address: Not reported
Operator Address2: 1820 10th St.
Operator City,St,Zip: Oakland, CA 94607
Permit Date: 09/28/2018
Permit Status: Notification
Permitted Acreage: Not reported
Activity: Sealed Container Transfer Operation
Regulation Status: Notification
Landuse Name: Not reported
GIS Source: Map
Category: Transfer/Processing
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Mixed municipal
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 01-AA-0329
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: 37.81167 / -122.30173

**R74
NNW
1/4-1/2
0.324 mi.
1710 ft.**

**CALIFORNIA WASTE SOLUTIONS (10TH ST.)
1820 10TH ST.
OAKLAND, CA
Site 3 of 3 in cluster R**

**SWF/LF S119777568
N/A**

**Relative:
Lower
Actual:
13 ft.**

SWF/LF (SWIS):
Facility ID: 01-AA-0324
Lat/Long: 37.81168 / -122.30174
Owner Name: California Waste Solutions, Inc. (CWS)
Owner Telephone: 4082920830
Owner Address: Victor Duong , CEO/ President
Owner Address2: 1005 Timothy Drive
Owner City,St,Zip: San Jose, CA 95133
Operational Status: Active
Operator: California Waste Solutions, Inc.
Operator Phone: 5108328111
Operator Address: Not reported
Operator Address2: 1820 10th St.
Operator City,St,Zip: Oakland, CA 94607
Permit Date: 09/27/2018
Permit Status: Permitted
Permitted Acreage: \$2.10
Activity: Medium Volume Transfer/Proc Fac
Regulation Status: Permitted
Landuse Name: Not reported
GIS Source: Map
Category: Transfer/Processing
Unit Number: 01
Inspection Frequency: Monthly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA WASTE SOLUTIONS (10TH ST.) (Continued)

S119777568

Accepted Waste: Inert
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 01-AA-0324
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 100
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 100
Remaining Capacity: Not reported
Remaining Capacity with Units: Tons/day
Lat/Long: 37.81168 / -122.30174

N75
ESE
1/4-1/2
0.325 mi.
1718 ft.

CHRYSLER AUTO UNLOADING F
1401 7 MIDDLE HARBOR
OAKLAND, CA 94607

HIST CORTESE

S103556428
N/A

Site 3 of 4 in cluster N

Relative:
Higher
Actual:
15 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2210

P76
WNW
1/4-1/2
0.326 mi.
1721 ft.

W.O. RIP TRACK
515 BAY ST
OAKLAND, CA 94607

LUST
Alameda County CS
SWEEPS UST
HIST UST
CA FID UST
CHMIRS
HIST CORTESE
WDS
CERS

S101624391
N/A

Site 3 of 4 in cluster P

Relative:
Lower
Actual:
13 ft.

LUST:
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101306
Global Id: T0600101306
Latitude: 37.807644
Longitude: -122.305773
Status: Open - Site Assessment
Status Date: 07/29/2010
Case Worker: Not reported
RB Case Number: 01-1414
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0003030
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600101306
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W.O. RIP TRACK (Continued)

S101624391

Date: 01/21/1988
Action: Leak Discovery

Global Id: T0600101306
Action Type: Other
Date: 01/21/1988
Action: Leak Stopped

Global Id: T0600101306
Action Type: Other
Date: 01/21/1988
Action: Leak Reported

LUST:

Global Id: T0600101306
Status: Open - Case Begin Date
Status Date: 01/21/1988

Global Id: T0600101306
Status: Open - Referred
Status Date: 06/20/1994

Global Id: T0600101306
Status: Open - Referred
Status Date: 08/22/1996

Global Id: T0600101306
Status: Open - Site Assessment
Status Date: 07/29/2010

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0003030
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: 11
Record Id: RO0003030
PE: 5602
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 24512
Number: Not reported
Board Of Equalization: 44-000292
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-024512-000001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W.O. RIP TRACK (Continued)

S101624391

Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

HIST UST:

File Number: 00036389
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036389.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 01001526
Regulated By: UTKNI
Regulated ID: 00024512
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158917628
Mail To: Not reported
Mailing Address: 15 BAY ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94607
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W.O. RIP TRACK (Continued)

S101624391

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

Facility ID: 01001526
Regulated By: UTKNI
Regulated ID: 00024518
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158917628
Mail To: Not reported
Mailing Address: 515 BAY ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94607
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CHMIRS:

OES Incident Number: 7-3781
OES notification: 09/25/1997
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Reporting Party

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W.O. RIP TRACK (Continued)

S101624391

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	UP Railroad
Incident Date:	9/25/1997 12:00:00 AM
Admin Agency:	City of Oakland Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Rail Road
E Date:	Not reported
Substance:	Sodium Bisulfite
Gallons:	1
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Ruptured safety vent disk allowed substance to be released. Disk has been repaired
OES Incident Number:	11485
OES notification:	Not reported
OES Date:	12/26/1995
OES Time:	12:35:46 AM
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W.O. RIP TRACK (Continued)

S101624391

Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1995
Agency:	southern pacific
Incident Date:	0010/12-26-95
Admin Agency:	Not reported
Amount:	50-100 gallons
Contained:	Not reported
Site Type:	R/R
E Date:	Not reported
Substance:	diesel
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	while private contractor was refueling a locomotivethere was runoff of substance. unknown if fuel entered drain.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1414

WDS:

Facility ID:	San Francisco Bay 011004572
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W.O. RIP TRACK (Continued)

S101624391

processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 2

Facility Telephone: 5038836518

Facility Contact: WILLIAMS E L

Agency Name: UNION PACIFIC RAILROAD CO

Agency Address: 1600 Vernon St

Agency City,St,Zip: Roseville 956783951

Agency Contact: CHRISTMAS CHRISTINE

Agency Telephone: 6196696712

Agency Type: Private

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS TANKS:

Site ID: 195196

CERS ID: T0600101306

CERS Description: Leaking Underground Storage Tank Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P77 **LIPS PROPELLERS**
WNW **1899 7TH STREET**
1/4-1/2 **OAKLAND, CA 94607**
0.336 mi.
1775 ft. **Site 4 of 4 in cluster P**

ENVIROSTOR **S100938943**
VCP **N/A**
HIST CORTESE

Relative:
Lower
Actual:
13 ft.

ENVIROSTOR:
Facility ID: 1350121
Status: No Further Action
Status Date: 01/07/2003
Site Code: 200352
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 3.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80744
Longitude: -122.3058
APN: 6-55-1
Past Use: MANUFACTURING - OTHER
Potential COC: * CONTAMINATED SOIL * WASTE OIL & MIXED OIL Lead
Confirmed COC: * WASTE OIL & MIXED OIL Lead * CONTAMINATED SOIL
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1350121
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3.8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIPS PROPELLERS (Continued)

S100938943

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200352
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 01/07/2003
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80744 / -122.3058
APN: 6-55-1
Past Use: MANUFACTURING - OTHER
Potential COC: 10097, 10199, 30013
Confirmed COC: 10199,30013,10097
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01350121

N78
ESE
1/4-1/2
0.339 mi.
1791 ft.

KELLY'S TRUCK REPAIR
1390 7TH ST
OAKLAND, CA 94607
Site 4 of 4 in cluster N

LUST **U003713138**
Alameda County CS **N/A**
HIST CORTESE

Relative:
Higher
Actual:
15 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101944
Global Id: T0600101944

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KELLY'S TRUCK REPAIR (Continued)

U003713138

Latitude: 37.8050141
Longitude: -122.2934178
Status: Completed - Case Closed
Status Date: 03/06/1997
Case Worker: Not reported
RB Case Number: 01-2118
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001071
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Kerosene
Site History: Not reported

LUST:

Global Id: T0600101944
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101944
Action Type: Other
Date: 02/04/1994
Action: Leak Reported

Global Id: T0600101944
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:

Global Id: T0600101944
Status: Completed - Case Closed
Status Date: 03/06/1997

Global Id: T0600101944
Status: Open - Case Begin Date
Status Date: 02/04/1994

LUST REG 2:

Region: 2
Facility Id: 01-2118
Facility Status: Case Closed
Case Number: 4620
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 10/6/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KELLY'S TRUCK REPAIR (Continued)

U003713138

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0001071
PE: 5602
Facility Status: Case Closed
Latitude: 37.805133285
Longitude: -122.29338445

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2118

S79
SE
1/4-1/2
0.345 mi.
1824 ft.

BOBO'S JUNKYARD
1401 THIRD STREET
OAKLAND, CA 94607

Site 1 of 3 in cluster S

ENVIROSTOR **S117333348**
VCP **N/A**
DEED

Relative:
Lower

ENVIROSTOR:

Actual:
11 ft.

Facility ID: 1400003
Status: Certified / Operation & Maintenance
Status Date: 05/28/2009
Site Code: 200486
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.84
NPL: NO
Regulatory Agencies: SMBRP, US EPA, CITY OF OAKLAND
Lead Agency: SMBRP
Program Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: DAY, MON, HS, SCH, FOOD, RES
Funding: Responsible Party
Latitude: 37.80294
Longitude: -122.2972
APN: 003-0029-450
Past Use: JUNKYARD
Potential COC: Arsenic Benzene DDD DDE DDT Lead TPH-diesel TPH-gas TPH-MOTOR OIL
Trichloroethylene (TCE Vinyl chloride Dieldrin Ethylbenzene
Polynuclear aromatic hydrocarbons (PAHs Toluene Xylenes
Confirmed COC: Polynuclear aromatic hydrocarbons (PAHs Toluene TPH-diesel TPH-gas
Trichloroethylene (TCE Vinyl chloride Dieldrin Ethylbenzene Arsenic
Benzene DDD DDE DDT Lead TPH-MOTOR OIL Xylenes
Potential Description: SOIL
Alias Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOBO'S JUNKYARD (Continued)

S117333348

Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1400003
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, MON, HS, SCH, FOOD, RES
Acres: 1.84
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, US EPA, CITY OF OAKLAND
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200486
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified / Operation & Maintenance
Status Date: 05/28/2009
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.80294 / -122.2972
APN: 003-0029-450
Past Use: JUNKYARD
Potential COC: 30001, 30003, 30006, 30007, 30008, 30013, 30024, 30025, 3002502, 30027, 30028, 30207, 30272, 30472, 30550, 30593
Confirmed COC: 30472,30550,30024,30025,30027,30028,30207,30272,30001,30003,30006, 30007,30008,30013,3002502,30593
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOBO'S JUNKYARD (Continued)

S117333348

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

DEED:

Envirostor ID: 1400003
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

**T80
ESE
1/4-1/2
0.349 mi.
1844 ft.**

**CHEVRON
1395 7TH ST
OAKLAND, CA 94607**

**LUST S105030293
N/A**

Site 1 of 2 in cluster T

**Relative:
Lower
Actual:
14 ft.**

LUST REG 2:
Region: 2
Facility Id: 01-0323
Facility Status: Preliminary site assessment underway
Case Number: 5007
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/19/1985
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

**T81
ESE
1/4-1/2
0.349 mi.
1844 ft.**

**TRUCKER'S FRIEND
1395 7TH
OAKLAND, CA 94607**

**LUST S110060453
Alameda County CS N/A
HIST CORTESE**

Site 2 of 2 in cluster T

**Relative:
Lower
Actual:
14 ft.**

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100296
Global Id: T0600100296
Latitude: 37.8047884378788

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Longitude: -122.293520835938
Status: Open - Assessment & Interim Remedial Action
Status Date: 08/27/1996
Case Worker: KEN
RB Case Number: 01-0323
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000053
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at <https://ehgis.acgov.org/dehpublic/dehpublic.jsp>. In April 1985 USTs at the former Chevron Station were tested for tightness. One tank failed the test. Three groundwater monitoring wells were installed on April 19, 1985. Free product was observed in well #1 to a maximum thickness of 0.61-foot. The well MW-1 was destroyed during excavation activities on September 13, 1985 with a replacement well in the approximate same location as well #1. The leaking tank, tank #2, was coated with epoxy, retested for tightness and returned to service. A waste oil UST was removed from the site in August 1996. One large hole was observed at the base of the tank and other holes were observed on the sides and top of the tank. Soil staining and odors were evident in the tank pit. The waste oil tank pit was over excavated and extended to a depth of 10 feet (stopped at GW). Confirmation sidewall samples, labeled SA- through SA-4, were collected at about 7 to 7.5 feet. Maximum reported concentrations were 180 mg/kg TPHg and 2,400 mg/kg TPHd, benzene and ethyl benzene non-detect. Lead was reported at concentration of 61 mg/kg with a STLC of 11 mg/L. Analysis of a GGW sample of pit infiltration water revealed 65 ug/L TPHg and 3,700 ug/L TPHd with BTEX was non detect. A subsurface investigation was conducted; however the report was not submitted. In August 1997, three additional USTs consisting of one 4,000-gallon, one 8,000-gallon, one 9,000-gallon USTs were removed from the site. Stained soil and localized floating product was observed in the tank pit. Activities associated with the tank removals documented concentrations of up to 180 mg/kg TPHg, 2,400 mg/kg TPHd, 3,200 mg/kg TOG, 6,700 mg/kg TRPH, lead to 210 mg/kg, and 490 mg/kg zinc in site soil. Groundwater was report to contain TPHd at 3,700 ug/L. The tank pit was enlarged to accommodate a new 20,000-gallon UST, generating approximately 800 cu yds of soil. ACDEH is not aware of additional work having been performed since 2002.

LUST:

Global Id: T0600100296
Contact Type: Local Agency Caseworker
Contact Name: KEITH NOWELL
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 Harbor Bay Parkway
City: ALAMEDA
Email: keith.nowell@acgov.org
Phone Number: 5105676764

Global Id: T0600100296
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 09/27/2016
Action: Staff Letter - #20160927

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/05/2016
Action: Email Correspondence

Global Id: T0600100296
Action Type: RESPONSE
Date: 09/03/1997
Action: Preliminary Site Assessment Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 04/15/1985
Action: Other Report / Document

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: File review

Global Id: T0600100296
Action Type: Other
Date: 08/19/1996
Action: Leak Stopped

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 06/28/2016
Action: Notice of Responsibility - #20160628

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 09/08/2016
Action: Staff Letter - #20160908

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 02/25/2011
Action: Notice of Violation - #20110225

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 11/04/1996
Action: Unauthorized Release Form - #19961104

Global Id: T0600100296

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Action Type: ENFORCEMENT
Date: 04/16/2018
Action: Staff Letter - #20180416

Global Id: T0600100296
Action Type: RESPONSE
Date: 06/15/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 04/19/2018
Action: Staff Letter - #20180419

Global Id: T0600100296
Action Type: RESPONSE
Date: 09/07/2016
Action: Correspondence

Global Id: T0600100296
Action Type: Other
Date: 08/19/1996
Action: Leak Discovery

Global Id: T0600100296
Action Type: RESPONSE
Date: 07/10/2014
Action: Email Correspondence

Global Id: T0600100296
Action Type: RESPONSE
Date: 05/03/2018
Action: Site Assessment Report

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 06/14/1989
Action: Staff Letter - #19890614

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 06/25/2015
Action: Staff Letter - #20150625

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 06/29/2016
Action: Staff Letter - #20160629

Global Id: T0600100296
Action Type: RESPONSE
Date: 05/03/2018
Action: Other Report / Document

Global Id: T0600100296
Action Type: RESPONSE
Date: 09/24/1985

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Action: Preliminary Site Assessment Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 09/10/1985
Action: Well Installation Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 04/05/1997
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 11/05/2001
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600100296
Action Type: RESPONSE
Date: 05/26/1997
Action: Soil and Water Investigation Workplan

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/20/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/27/1996
Action: Other Report / Document

Global Id: T0600100296
Action Type: RESPONSE
Date: 09/10/1985
Action: Soil and Water Investigation Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 01/30/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 11/05/2001
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/10/1990
Action: Correspondence

Global Id: T0600100296
Action Type: RESPONSE
Date: 01/26/2002
Action: Site Assessment Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Global Id:	T0600100296
Action Type:	RESPONSE
Date:	10/18/1985
Action:	Other Report / Document
Global Id:	T0600100296
Action Type:	RESPONSE
Date:	09/03/1996
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0600100296
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Notice of Violation - #20090724
Global Id:	T0600100296
Action Type:	RESPONSE
Date:	09/05/2018
Action:	Email Correspondence
Global Id:	T0600100296
Action Type:	ENFORCEMENT
Date:	03/26/2018
Action:	Staff Letter - #20180326
Global Id:	T0600100296
Action Type:	REMEDIATION
Date:	04/13/1996
Action:	Other (Use Description Field)
Global Id:	T0600100296
Action Type:	REMEDIATION
Date:	08/18/1996
Action:	Excavation
Global Id:	T0600100296
Action Type:	REMEDIATION
Date:	08/28/1997
Action:	Excavation
Global Id:	T0600100296
Action Type:	ENFORCEMENT
Date:	10/03/2016
Action:	Staff Letter - #20161003
Global Id:	T0600100296
Action Type:	RESPONSE
Date:	08/05/2016
Action:	Electronic Reporting Submittal Due
Global Id:	T0600100296
Action Type:	ENFORCEMENT
Date:	01/08/2009
Action:	Technical Correspondence / Assistance / Other - #20090108
Global Id:	T0600100296
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Date: 05/03/2018
Action: Email Correspondence

Global Id: T0600100296
Action Type: RESPONSE
Date: 05/03/2018
Action: Electronic Reporting Submittal Due

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 10/13/2016
Action: Meeting - #20161013

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100296
Action Type: RESPONSE
Date: 03/28/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 08/22/1996
Action: Referral to Local Agency - #19960822

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 05/19/2017
Action: Staff Letter - #20170519

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 09/29/2016
Action: Email Correspondence - #20160929

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 02/16/2018
Action: Staff Letter - #20180216

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600100296
Action Type: REMEDIATION
Date: 06/08/1991
Action: Free Product Removal

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 06/20/2014
Action: Staff Letter - #20140620

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Global Id: T0600100296
Action Type: RESPONSE
Date: 05/29/2018
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100296
Action Type: RESPONSE
Date: 05/03/2018
Action: Electronic Reporting Submittal Due

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600100296
Action Type: Other
Date: 08/22/1996
Action: Leak Reported

Global Id: T0600100296
Action Type: ENFORCEMENT
Date: 07/27/2016
Action: Email Correspondence - #20160727

Global Id: T0600100296
Action Type: RESPONSE
Date: 09/21/2016
Action: Correspondence

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/19/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/29/1997
Action: Preliminary Site Assessment Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 09/03/1997
Action: Preliminary Site Assessment Report

Global Id: T0600100296
Action Type: RESPONSE
Date: 08/05/2016
Action: Email Correspondence - Regulator Responded

LUST:

Global Id: T0600100296
Status: Open - Assessment & Interim Remedial Action
Status Date: 08/27/1996

Global Id: T0600100296
Status: Open - Assessment & Interim Remedial Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCKER'S FRIEND (Continued)

S110060453

Status Date: 08/27/1996
Global Id: T0600100296
Status: Open - Case Begin Date
Status Date: 08/19/1996

Alameda County CS:

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000053
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted
Latitude: 37.804881154
Longitude: -122.29353036

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0323

U82
SE
1/4-1/2
0.350 mi.
1846 ft.

CALIFORNIA SODA COMPANY
355 MANDELA PARKWAY
OAKLAND, CA 94607

SEMS-ARCHIVE 1015732671
CAD009122409

Site 1 of 3 in cluster U

Relative:
Lower
Actual:
12 ft.

SEMS Archive:
Site ID: 905381
EPA ID: CAD009122409
Cong District: Not reported
FIPS Code: 6001
FF: Not reported
NPL: NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status: Not reported
Latitude: Not reported
Longitude: Not reported

SEMS Archive Detail:

Region: 9
Site ID: 905381
EPA ID: CAD009122409
Site Name: CALIFORNIA SODA COMPANY
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1999-07-12 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 905381
EPA ID: CAD009122409

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA SODA COMPANY (Continued)

1015732671

Site Name:	CALIFORNIA SODA COMPANY
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1997-10-20 00:00:00
Finish Date:	1999-07-12 00:00:00
Qual:	N
Current Action Lead:	St Perf
Region:	9
Site ID:	905381
EPA ID:	CAD009122409
Site Name:	CALIFORNIA SODA COMPANY
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1997-09-25 00:00:00
Finish Date:	1997-09-25 00:00:00
Qual:	Not reported
Current Action Lead:	St Perf

U83
SE
 1/4-1/2
 0.350 mi.
 1846 ft.

CALIFORNIA SODA COMPANY
355 MANDELA PARKWAY
OAKLAND, CA 94067
 Site 2 of 3 in cluster U

ENVIROSTOR S113013459
HAZNET N/A
CERS

Relative:
Lower
Actual:
12 ft.

ENVIROSTOR:	
Facility ID:	1280091
Status:	No Further Action
Status Date:	05/27/1999
Site Code:	201025
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.25
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Assembly:	18
Senate:	09
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.80367
Longitude:	-122.2944
APN:	NONE SPECIFIED
Past Use:	NONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA SODA COMPANY (Continued)

S113013459

Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S113013459
Year: 2016
GEPaid: CAD982044232
Contact: RON HINCK
Telephone: 5104446217
Mailing Name: Not reported
Mailing Address: PO BOX 2706
Mailing City,St,Zip: SAN ANSELMO, CA 94979
Gen County: Alameda
TSD EPA ID: MOD981123391
TSD County: 99
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Not reported
Tons: 0.00417
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113013459
Year: 2016
GEPaid: CAD982044232
Contact: RON HINCK
Telephone: 5104446217
Mailing Name: Not reported
Mailing Address: PO BOX 2706
Mailing City,St,Zip: SAN ANSELMO, CA 94979
Gen County: Alameda
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.6587

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA SODA COMPANY (Continued)

S113013459

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113013459
Year: 2016
GEPaid: CAD982044232
Contact: RON HINCK
Telephone: 5104446217
Mailing Name: Not reported
Mailing Address: PO BOX 2706
Mailing City,St,Zip: SAN ANSELMO, CA 94979
Gen County: Alameda
TSD EPA ID: MOD981123391
TSD County: 99
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 1.14675
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113013459
Year: 2016
GEPaid: CAD982044232
Contact: RON HINCK
Telephone: 5104446217
Mailing Name: Not reported
Mailing Address: PO BOX 2706
Mailing City,St,Zip: SAN ANSELMO, CA 94979
Gen County: Alameda
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.925
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113013459
Year: 2016
GEPaid: CAD982044232
Contact: RON HINCK
Telephone: 5104446217
Mailing Name: Not reported
Mailing Address: PO BOX 2706
Mailing City,St,Zip: SAN ANSELMO, CA 94979
Gen County: Alameda
TSD EPA ID: MOD981123391
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 1.37177

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA SODA COMPANY (Continued)

S113013459

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

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

Q84
NNW
1/4-1/2
0.352 mi.
1857 ft.

Relative:
Lower

Actual:
13 ft.

BOHELLI WINDOWS
1111 PINE ST
OAKLAND, CA 94607

Site 3 of 4 in cluster Q

LUST **S101580345**
Alameda County CS **N/A**
SWEEPS UST
HIST UST
CA FID UST
CHMIRS
HIST CORTESE
CERS

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101690
Global Id: T0600101690
Latitude: 37.811863
Longitude: -122.3008182
Status: Completed - Case Closed
Status Date: 05/13/1998
Case Worker: Not reported
RB Case Number: 01-1824
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000789
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600101690
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101690
Action Type: REMEDIATION
Date: 09/30/1993
Action: Excavation

Global Id: T0600101690
Action Type: Other
Date: 09/02/1993
Action: Leak Reported

Global Id: T0600101690
Action Type: ENFORCEMENT
Date: 05/13/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOHELLI WINDOWS (Continued)

S101580345

Action: Closure/No Further Action Letter

LUST:

Global Id: T0600101690
Status: Completed - Case Closed
Status Date: 05/13/1998

Global Id: T0600101690
Status: Open - Case Begin Date
Status Date: 09/02/1993

LUST REG 2:

Region: 2
Facility Id: 01-1824
Facility Status: Case Closed
Case Number: 247
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: Tank
Date Leak Confirmed: 9/22/1993
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0000789
PE: 5602
Facility Status: Case Closed
Latitude: 37.81193167
Longitude: -122.30091663

SWEEPS UST:

Status: Not reported
Comp Number: 6111
Number: Not reported
Board Of Equalization: 44-000088
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-006111-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOHELLI WINDOWS (Continued)

S101580345

Status: Not reported
Comp Number: 6111
Number: Not reported
Board Of Equalization: 44-000088
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-006111-000002
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:

File Number: 00035CD2
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035CD2.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 01002541
Regulated By: UTNKA
Regulated ID: 00006111
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1111 PINE ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94607
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOHELLI WINDOWS (Continued)

S101580345

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:

OES Incident Number: 561
OES notification: Not reported
OES Date: 12/7/1994
OES Time: 09:18:57 AM
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: YES
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: CHEMICAL
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1994
Agency: oakland fd
Incident Date: 12/07/94 0851
Admin Agency: Not reported
Amount: 1 qt to .5 gallons
Contained: NO
Site Type: RD
E Date: Not reported
Substance: muriatic acid
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOHELLI WINDOWS (Continued)

S101580345

Evacuations: NO
Number of Injuries: NO
Number of Fatalities: NO
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: spilled onto street. noticed by opd.

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1824

CERS TANKS:

Site ID: 199501
CERS ID: T0600101690
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Q85
NNW
1/4-1/2
0.352 mi.
1857 ft.

PACIFIC CANNERY LOFTS (PCL)
1111-1199 PINE STREET
OAKLAND, CA
Site 4 of 4 in cluster Q

CPS-SLIC S108991963
CERS N/A

Relative:
Lower
Actual:
13 ft.

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/01/2008
Global Id: SL0600111446
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.8130515825763
Longitude: -122.300422037829
Case Type: Cleanup Program Site
Case Worker: MEJ
Local Agency: Not reported
RB Case Number: 01S0556

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC CANNERY LOFTS (PCL) (Continued)

S108991963

File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Not reported

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

CERS TANKS:

Site ID: 220546
CERS ID: SL0600111446
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MARK JOHNSON - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**U86
SE
1/4-1/2
0.353 mi.
1865 ft.**

**SF BAY AREA RAPID TRANSIT DISTRICT
349 MANDELA PKWY
OAKLAND, CA 94607**

**RESPONSE
ENVIROSTOR
HIST Cal-Sites**

**S102769550
N/A**

Site 3 of 3 in cluster U

**Relative:
Lower
Actual:
12 ft.**

RESPONSE:
Facility ID: 1750021
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Janet Naito
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200993
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Certified
Status Date: 04/24/2000
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.80324
Longitude: -122.2947
APN: 004007300900
Past Use: JUNKYARD
Potential COC : * CONTAMINATED SOIL Lead
Confirmed COC: Lead * CONTAMINATED SOIL
Potential Description: SOIL
Alias Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SF BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102769550

Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1750021
Status: Certified
Status Date: 04/24/2000
Site Code: 200993
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Janet Naito
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80324
Longitude: -122.2947
APN: 004007300900
Past Use: JUNKYARD
Potential COC: * CONTAMINATED SOIL Lead
Confirmed COC: Lead * CONTAMINATED SOIL
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SF BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102769550

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

Calsite:

Region: BERKELEY
Facility ID: 01750021
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 04242000
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 75
SIC Name: AUTO REPAIR, SERVICES & PARKING
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Suspected
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01750021
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: I&SE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08221997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SF BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102769550

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01750021
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10291999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01750021
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04242000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	38
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	34 TONS OF CONTAMINATED SOIL WAS REMOVED OFF-SITE. THE SITE WASCLEANED TO RESIDENTIAL STANDARDS.
For Commercial Reuse:	0.30000
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01750021
Activity:	CERT
Activity Name:	CERTIFICATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SF BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102769550

AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04242000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01750021
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: NOE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10291999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 349 MANDELA PARKWAY
Alternate City,St,Zip: OAKLAND, CA 94607
Alternate Address: 349 MANDELA PKWY
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: Alexander's Ragtime Auto Wreckers operated an auto wrecking facility at the 0.3 acre Site from approximately 1966 to 1987. Meyer Goldberg and Miriam Goldberg were owners of the Site during Alexander's Ragtime Auto Wrecker's operation at the Site. The Goldbergs sold the Site to the San Francisco Bay Area Rapid Transit District (BART) in 1987. The Site is located in an industrial neighborhood with residences and other commercial areas located less than one block away. Business activities in

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SF BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102769550

the area include manufacturing, food processing, warehousing and offices. Residential areas are located to the north and west of the the Site.

Comments Date: 04242000
 Comments: Completed RA. Certified Site. RA consisted of field excavation

Comments Date: 04242000
 Comments: of soil above the cleanup standards and collection of

Comments Date: 04242000
 Comments: confirmation samples. Cleanup standard for lead was met.

Comments Date: 08221997
 Comments: Issued I&SE Order. Order issued to the Bay Area Rapid Transit

Comments Date: 08221997
 Comments: District (BART), Alexanders Ragtime Auto Wreckers, Mr. Alexander

Comments Date: 08221997
 Comments: and the Goldbergs for investigation and remediation of elevated

Comments Date: 08221997
 Comments: levels of metals. Unable to serve order on the Goldbergs

Comments Date: 08221997
 Comments: (Deceased), Mr. Alexander, and Alexander's Ragtime Auto Wreckers.

Comments Date: 10291999
 Comments: Approved RAW. RAW required cleanup to residential standards.

Comments Date: 10291999
 Comments: The objective was to remove lead-contaminated soil to have an

Comments Date: 10291999
 Comments: average lead concentration (expressed as the 95% upper

Comments Date: 10291999
 Comments: confidence limit of the mean) less than 400 milligrams per

Comments Date: 10291999
 Comments: kilogram (mg/kg) and no single point above 840 mg/kg. Notice of

Comments Date: 10291999
 Comments: Exemption filed to meet CEQA requirements.

ID Name: CALSTARS CODE
 ID Value: 200993
 Alternate Name: SF BAY AREA RAPID TRANSIT DISTRICT
 Alternate Name: BART/MANDELA
 Alternate Name: Not reported
 Special Programs Code: Not reported
 Special Programs Name: Not reported

S87 WEST OAKLAND LEAD
SE 1414 3RD STREET
1/4-1/2 OAKLAND, CA 94607
0.354 mi.
1869 ft. Site 2 of 3 in cluster S

SEMS 1012210091
CAN000908776

Relative: SEMS:
Lower Site ID: 908776
 EPA ID: CAN000908776
 Cong District: Not reported
 FIPS Code: 6001
 Latitude: 37.797694999999997
 Longitude: -122.278336
 FF: N
 NPL: Not on the NPL
 Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
 Region: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST OAKLAND LEAD (Continued)

1012210091

Site ID: 908776
EPA ID: CAN000908776
Site Name: WEST OAKLAND LEAD
NPL: N
FF: N
OU: 0
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2011-04-04 00:00:00
Finish Date: 5/4/2012
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 908776
EPA ID: CAN000908776
Site Name: WEST OAKLAND LEAD
NPL: N
FF: N
OU: 0
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2011-05-31 00:00:00
Finish Date: 3/31/2014
Qual: S
Current Action Lead: EPA Perf

S88 DC METALS / AMCO CHEMICAL
SE 1414 3RD ST
1/4-1/2 OAKLAND, CA 94607
0.354 mi.
1869 ft. Site 3 of 3 in cluster S

LUST S101641564
Alameda County CS N/A
HIST UST
HIST CORTESE
CERS

Relative:
Lower
Actual:
11 ft.

LUST:
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102206
Global Id: T0600102206
Latitude: 37.80342
Longitude: -122.297689
Status: Open - Site Assessment
Status Date: 07/28/1995
Case Worker: Not reported
RB Case Number: 01-2396
Local Agency: US ENVIRONMENTAL PROTECTION AGENCY
File Location: Local Agency
Local Case Number: RO0000444
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Vinyl chloride, Gasoline
Site History: Not reported

LUST:
Global Id: T0600102206
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DC METALS / AMCO CHEMICAL (Continued)

S101641564

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600102206
Contact Type: Local Agency Caseworker
Contact Name: UNKNOWN
Organization Name: US ENVIRONMENTAL PROTECTION AGENCY
Address: 75 HAWTHORNE STREET
City: SAN FRANCISCO
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600102206
Action Type: Other
Date: 07/28/1995
Action: Leak Discovery

Global Id: T0600102206
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600102206
Action Type: Other
Date: 07/28/1995
Action: Leak Reported

LUST:

Global Id: T0600102206
Status: Open - Case Begin Date
Status Date: 07/28/1995

Global Id: T0600102206
Status: Open - Site Assessment
Status Date: 07/28/1995

LUST REG 2:

Region: 2
Facility Id: 01-2396
Facility Status: Preliminary site assessment underway
Case Number: 933
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/28/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DC METALS / AMCO CHEMICAL (Continued)

S101641564

Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000444
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.802544568
Longitude: -122.29497483

Status: 11
Record Id: RO0000444
PE: 5602
Facility Status: Not reported
Latitude: 37.802544568
Longitude: -122.29497483

HIST UST:

File Number: 00035D09
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035D09.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2396

CERS TANKS:

Site ID: 225686
CERS ID: T0600102206
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: UNKNOWN - US ENVIRONMENTAL PROTECTION AGENCY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DC METALS / AMCO CHEMICAL (Continued)

S101641564

Entity Title: Not reported
Affiliation Address: 75 HAWTHORNE STREET
Affiliation City: SAN FRANCISCO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

V89 **SOUTHERN PACIFIC TRANSPORTATION COMPANY**
WNW **1912 7TH**
1/4-1/2 **OAKLAND, CA 94607**
0.359 mi.
1894 ft. **Site 1 of 2 in cluster V**

LUST **S104539362**
Alameda County CS **N/A**
HIST UST
HIST CORTESE
CERS

Relative:
Lower
Actual:
13 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101295
Global Id: T0600101295
Latitude: 37.8081661
Longitude: -122.3067691
Status: Completed - Case Closed
Status Date: 05/14/1997
Case Worker: Not reported
RB Case Number: 01-1401
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001127
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600101295
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101295
Action Type: Other
Date: 07/01/1988
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued)

S104539362

LUST:

Global Id: T0600101295
Status: Completed - Case Closed
Status Date: 05/14/1997

Global Id: T0600101295
Status: Open - Case Begin Date
Status Date: 07/01/1988

Alameda County CS:

Status: Case Closed
Record Id: RO0001127
PE: 5602
Facility Status: Case Closed
Latitude: 37.808348086
Longitude: -122.30758523

HIST UST:

File Number: 00036386
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036386.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1401

CERS TANKS:

Site ID: 253771
CERS ID: T0600101295
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY (Continued)

S104539362

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

V90
WNW
1/4-1/2
0.359 mi.
1894 ft.

SOUTHERN PACIFIC TRANSPORT COMPANY
1912 7TH ST
OAKLAND, CA 94607

LUST S105870950
N/A

Site 2 of 2 in cluster V

Relative:
Lower
Actual:
13 ft.

LUST REG 2:
Region: 2
Facility Id: 01-1401
Facility Status: Case Closed
Case Number: 3681
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 5/28/1992
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

W91
North
1/4-1/2
0.360 mi.
1900 ft.

COLE BROTHERS AUTO WRECKERS
1797 12TH STREET
OAKLAND, CA 94607

ENVIROSTOR S118757105
N/A

Site 1 of 2 in cluster W

Relative:
Lower
Actual:
13 ft.

ENVIROSTOR:
Facility ID: 60000365
Status: No Action Required
Status Date: 05/24/2007
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COLE BROTHERS AUTO WRECKERS (Continued)

S118757105

Special Program: EPA - PASI
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: EPA Grant
 Latitude: 37.81210
 Longitude: -122.3002
 APN: 6-31-47
 Past Use: JUNKYARD
 Potential COC: Lead TPH-gas TPH-MOTOR OIL Ethylene glycol
 Confirmed COC: 30025-NO 30276-NO 30013-NO 3002502-NO
 Potential Description: SOIL
 Alias Name: 6-31-47
 Alias Type: APN
 Alias Name: 60000365
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 03/15/2007
 Comments: EPA sign-off.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Other Report
 Completed Date: 09/30/2006
 Comments: Response to info request letter submitted.

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

X92
ESE
1/4-1/2
0.374 mi.
1976 ft.

RED STAR YEAST / 1396 FIFTH STREET
1396 5TH ST
OAKLAND, CA 94607
Site 1 of 2 in cluster X

CPS-SLIC S107410896
Alameda County CS N/A
CERS

Relative:
Lower
Actual:
13 ft.

CPS-SLIC:
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 05/10/2017
 Global Id: T06019794669
 Lead Agency: ALAMEDA COUNTY LOP
 Lead Agency Case Number: RO0002896
 Latitude: 37.804018
 Longitude: -122.293589
 Case Type: Cleanup Program Site
 Case Worker: DR
 Local Agency: ALAMEDA COUNTY LOP
 RB Case Number: NA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED STAR YEAST / 1396 FIFTH STREET (Continued)

S107410896

File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Lead, Mercury (elemental), Nickel, Other Metal, Gasoline, Total Petroleum Hydrocarbons (TPH)
Site History: Not all historic documents for the case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>. Site Land-Use: The subject property (APN 4-69-4) is located at 1396 5th Street, between Mandela Parkway and Kirkham Street, in the northwest portion of the City of Oakland. The case was opened by Alameda County Department of Environmental Health (ACDEH) in 2005 in conjunction with a proposed residential redevelopment of the former Red Star Yeast Company manufacturing plant which operated at the site from approximately 1902 until 2003. Extensive excavation of metal impacted soil was conducted in conjunction with site redevelopment which began in 2011, however in 2012 a fire occurred during the construction phase and significantly damaged the site structure and surrounding properties. The remaining structure from the fire consisted of a concrete podium which was removed in April 2016. Additional investigation activities were conducted in 2016 to (1) assess data gaps in the confirmation sampling of the previously excavated areas of the site and assess fill material used to backfill the remedial excavation; and (2) assess soil and groundwater conditions in the vicinity of underground storage tanks discovered in the sidewalk during site development in 2011 as well as the potential for upgradient off-site sources of petroleum contamination. At the time of this case closure, there are no plans to redevelop the property and the site is a vacant dirt lot surrounded by a chain-linked fence and thus the case was closed to the sites current commercial land-use scenario. Future Site Management Requirements: Due to residual contamination at the site and due to the current owner not planning further redevelopment, the site is closed to its commercial land use as a vacant lot with site management requirements. If there is a proposed change in land use to any residential, or conservative land use, or if any redevelopment occurs, ACDEH must be notified as required by Government Code Section 65850.2.2. ACDEH will re-evaluate the site relative to the proposed redevelopment. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. Historic Land-Use / Site Investigation/ Remediation Activities: The primary constituents of concern identified during site assessments conducted from 2004 to 2016 include metals in artificial fill material and low levels of petroleum hydrocarbons in soil and groundwater. A summary of previous site investigation is provided below. The site historically operated as a brewery, a yeast and vinegar manufacturing facility from approximately 1900 until 1965, and then solely as a yeast manufacturing plant from approximately 1965 until 2003. As of June 2000, according to a Phase I report, the site had the following: two cooling towers; many different-sized above ground storage tanks (ASTs); storage buildings for new and used oil; a transformer, where no polychlorinated biphenyls (PCBs) were detected; a propane forklift and five electric forklifts; an elevator with hydraulic equipment that used soluble oil since 1978; two boilers; a 3,000-gallon diesel underground storage tank (UST) which fueled two former boilers at the site that was closed in place in 1989; and various sewer pipes,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED STAR YEAST / 1396 FIFTH STREET (Continued)

S107410896

sumps, and drains. In addition, according to a 1902 Sanborn map, a UST for oil was located under a building in the central area of the site. During a sewer replacement in 1996, mercury was found in the soil around a floor drain, and flowed into the drain and through a crack in the sewer pipe. Soil and groundwater were reportedly removed during the cleanup. However, there is lack of documentation of the investigation, analytical results, and verification of regulatory closure. Remaining structures were removed or demolished by 2004. The site was planned for redevelopment as four stories of residential units above a podium garage. Between August 2004 and May 2007, 27 boreholes were advanced, and 39 shallow soil samples and 10 grab groundwater samples were collected, which were analyzed for the following: Total Petroleum Hydrocarbons as gasoline (TPH-g), diesel (TPH-d), and motor oil (TPH-mo); benzene, toluene, ethylbenzenes and total xylenes (BTEX); methyl tert-butyl ether (MTBE); metals; volatile organic compounds (VOCs) and semi-VOCs; and polycyclic aromatic hydrocarbons (PAHs). Analytical results showed elevated TPH-d and TPH-mo in groundwater, and elevated lead in soil likely from imported fill placed throughout the site. In 2006 the closed-in-place 3,000-gallon diesel UST was removed. Twenty yards of soil were excavated and 6,300 gallons of groundwater pumped from the tank pit. One soil sidewall sample and one grab groundwater sample were collected. Analytical results showed TPH-d at 180 a%g/L in groundwater. The case was closed under the oversight of the City of Oakland Fire Department. In January 2011 a geophysical survey was performed. Pits were excavated around identified structures which were removed. The removed structures included the following: a properly decommissioned water supply well; an elevator piston, a sewer system connection; and structural pilings. Confirmation sampling was performed in each pit, showing elevated lead above the screening level, which required additional excavation. In March 2011 further characterization was performed with the goal of obtaining closure with unrestricted land use. Fifteen soil borings and five temporary monitoring wells were advanced at the site. Sixty shallow soil samples were collected and analyzed for the following: TPH-g, TPH-mo, TPH-d, and metals; and 5 groundwater samples were collected and analyzed for TPH-g, TPH-mo, TPH-d, volatile organic compounds (VOCs), and semi-VOCs. Results showed lead contamination both in the fill and in the native soil below the fill. Groundwater results showed 2400 a%g/L of TPH-mo at the northern area of the site. In August 2011, remedial excavation occurred and confirmation samples were collected and analyzed for TPH and metals. The final excavation depths were as follows: 5 feet below ground surface at the northwest area of the property; between 6 and 7 feet bgs at the western half of the property into native soil; 3 feet bgs into native soil at the central eastern portion; and 4 feet bgs at targeted areas of the easternmost area of the site. Most of the deepest Confirmation samples in the western half had lead above the residential San Francisco Bay Regional Water Quality Control Boards Environmental Screening Level (ESL) of 80 mg/kg. One sample in the eastern portion had lead above the residential ESL. In September 2011 during the excavation activities, 3 USTs, one 250-gallon, one 2,500-gallon, and one 10,000-gallon, were discovered in the sidewalk at the southern edge of the property along 5th Street. In November 2011, the 10,000-gallon UST at the corner of Mandela Parkway and 5th Street was left in place and the other two tanks removed under Oakland Fire Department oversight. A Tank Removal and Closure Report was submitted, but

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED STAR YEAST / 1396 FIFTH STREET (Continued)

S107410896

contained inconsistencies. In addition, during excavation activities, a substance that appeared to be oil was found seeping from the north sidewall in the northwest area of the site. Oil and contaminated soil were reportedly removed from on-site. During August and September 2011, approximately 7,000 tons of imported aggregate/sand mix was put in place as fill, after which development began. In June 2012, a fire destroyed the project during construction, leaving a concrete podium, which was removed in April 2016. In June 2016, 9 boreholes were advanced across the site and a total of 27 soil samples and 2 grab groundwater samples were collected and analyzed to address the following data gaps: the lack of documentation of the source and types of quality control used in backfilling the excavation; the need for further characterization of lead in native soil below the fill; and the need for further characterization of soil and groundwater at the areas of the oil seepage from the north sidewall and the former location of temporary monitoring well MW-5 to evaluate for the potential for off-site source of contamination. The aggregate fill was analyzed for PCBs, PAHs, TPH and lead. The analytical results for the fill showed that some PAHs were elevated above the ESLs for residential land use, but PAHs were below commercial land use ESLs. Residual PAHs were likely secondary to the fire that occurred at the site. Lead was not found to be elevated above the commercial or residential ESLs in both fill and native soil samples. Soil samples collected in the vicinity of the north wall seepage were analyzed for TPH, and groundwater samples collected were analyzed for TPH, BTEX, MTBE, and other oxygenates and VOCs. Soil samples showed concentrations of TPH below residential and commercial Direct Exposure Human Health Risk Levels. Groundwater samples collected in the northern portion of the site at locations upgradient of the former UST locations were analyzed for TPH-g, TPH-d, TPH-mo, BTEX, and VOCs. Groundwater results indicate that there is TPH-g, TPH-d, BTEX and TBA impacts to groundwater in the northern portion of the site. The most likely source of this contamination is the railroad right-of-way immediately north of the site or the former service station located approximately 175 feet north of the site. Three borings were advanced and 6 soil samples collected and 3 grab groundwater samples collected in the areas of the former locations of the two removed USTs and the closed-in-place UST to further characterize these areas for potential contamination. Soil and groundwater samples collected adjacent to the former USTs were low or non-detect. Potential Exposure to Chemicals of Concern: There is no potential exposure to chemicals of concern for the current commercial land use as a vacant lot.

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

Alameda County CS:

Status: Pollution Characterization
Record Id: RO0002896
PE: 5502
Facility Status: Pollution Characterization
Latitude: 37.803934988
Longitude: -122.29396595

Status: Case Closed
Record Id: RO0002896
PE: 5502

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED STAR YEAST / 1396 FIFTH STREET (Continued)

S107410896

Facility Status: Case Closed
Latitude: 37.803934988
Longitude: -122.29396595

CERS TANKS:

Site ID: 204138
CERS ID: T06019794669
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DILAN ROE - ALAMEDA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1131 Harbor Bay Parkway
Affiliation City: ALAMEDA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5105676767

93
East
1/4-1/2
0.379 mi.
2002 ft.

Relative:
Higher

Actual:
18 ft.

ARMORED TRANSPORT
1333 8TH ST
OAKLAND, CA 94607

RCRA-SQG **1000341304**
LUST **CAD981967391**
Alameda County CS
FINDS
ECHO
HIST CORTESE
NPDES
CERS
CIWQS

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: ARMORED TRANSPORT
Facility address: 1333 8TH ST
OAKLAND, CA 94607
EPA ID: CAD981967391
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
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: ARMORED TRANSPORT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

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
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/02/1987
Site name: ARMORED TRANSPORT
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/16/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102031
Global Id: T0600102031
Latitude: 37.8060294
Longitude: -122.293194
Status: Completed - Case Closed
Status Date: 07/08/1997
Case Worker: Not reported
RB Case Number: 01-2212
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000627
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600102031
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600102031
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600102031
Action Type: Other
Date: 11/21/1994
Action: Leak Reported

LUST:

Global Id: T0600102031
Status: Completed - Case Closed
Status Date: 07/08/1997

Global Id: T0600102031
Status: Open - Case Begin Date
Status Date: 11/21/1994

LUST REG 2:

Region: 2
Facility Id: 01-2212
Facility Status: Case Closed
Case Number: 3905
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 6/5/1997
Oversight Program: LUST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0000627
PE: 5602
Facility Status: Case Closed
Latitude: 37.805609787
Longitude: -122.29179961

FINDS:

Registry ID: 110002758819

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.

STATE MASTER

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

ECHO:

Envid: 1000341304
Registry ID: 110002758819
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002758819>

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2212

NPDES:

Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

Place ID:	Not reported
Order Number:	Not reported
WDID:	2 011021721
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:	10/06/2015
Operator Name:	Garda
Operator Address:	301 N Lake Ave
Operator City:	Pasadena
Operator State:	California
Operator Zip:	91101
NPDES as of 03/2018:	
NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	349981
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 011021721
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/04/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	08/25/2015
Discharge Name:	Garda
Discharge Address:	301 N Lake Ave
Discharge City:	Pasadena
Discharge State:	California
Discharge Zip:	91101
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	349981
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 011021721
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:	08/25/2015
Discharge Name:	Not reported
Discharge Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/04/2008
Processed Date:	08/04/2008
Status:	Terminated
Status Date:	10/06/2015
Place Size:	2
Place Size Unit:	Acres
Contact:	Michael Strange
Contact Title:	Not reported
Contact Phone:	510-451-1333
Contact Phone Ext:	Not reported
Contact Email:	Michael.strange@gardacashlogistics.com
Operator Name:	Garda
Operator Address:	301 N Lake Ave
Operator City:	Pasadena
Operator State:	California
Operator Zip:	91101
Operator Contact:	Dennis Love
Operator Contact Title:	Not reported
Operator Contact Phone:	818-362-7011
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dennis.love@gardacashlogistics.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 Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	9999-Nonclassifiable Establishments

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

Secondary Sic: Not reported
Tertiary Sic: Not reported

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: 5F01IN602135
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: Undetermined
Status Date: 09/04/2012
Operator Name: Garda Cash Logistics
Operator Address: 15640 Rosford St
Operator City: Sylmar
Operator State: California
Operator Zip: 91342

CERS TANKS:

Site ID: 252698
CERS ID: T0600102031
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CIWQS:

Agency: Garda
Agency Address: 301 N Lake Ave, Pasadena, CA 91101
Place/Project Type: Industrial - Nonclassifiable Establishments
SIC/NAICS: 9999
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARMORED TRANSPORT (Continued)

1000341304

Order Number: 2014-0057-DWQ
 WDID: 2 011021721
 NPDES Number: CAS000001
 Adoption Date: Not reported
 Effective Date: 08/04/2008
 Termination Date: 08/25/2015
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 1
 Violations within 5 years: 0
 Latitude: 37.80588
 Longitude: -122.29236

W94
North
1/4-1/2
0.381 mi.
2011 ft.

UNION PACIFIC RAILROAD/SPT CO LOCO
0 PINE ST
OAKLAND, CA 94607
Site 2 of 2 in cluster W

Alameda County CS S106661209
N/A

Relative:
Lower
Actual:
13 ft.

Alameda County CS:
 Status: 11
 Record Id: RO0000931
 PE: 5602
 Facility Status: Not reported
 Latitude: 37.81256012
 Longitude: -122.3002111

Y95
North
1/4-1/2
0.382 mi.
2017 ft.

TAYLOR ROOF STRUCTURES
1769 13TH STREET
OAKLAND, CA 92626
Site 1 of 2 in cluster Y

Notify 65 S100226628
N/A

Relative:
Lower
Actual:
13 ft.

NOTIFY 65:
 Date Reported: Not reported
 Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Issue Date: Not reported
 Incident Description: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

Z96
ENE
1/4-1/2
0.393 mi.
2073 ft.

1125 MANDELA REUSE
1125 MANDELA PKWY
OAKLAND, CA 94607

CPS-SLIC
Alameda County CS
CERS

S118154729
N/A

Site 1 of 3 in cluster Z

Relative:
Higher

CPS-SLIC:

Actual:
20 ft.

Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 10/02/2015
 Global Id: T10000007322
 Lead Agency: ALAMEDA COUNTY LOP
 Lead Agency Case Number: RO0003184
 Latitude: 37.80904
 Longitude: -122.29249
 Case Type: Cleanup Program Site
 Case Worker: MD
 Local Agency: ALAMEDA COUNTY LOP
 RB Case Number: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Potential Media Affected: Under Investigation
 Potential Contaminants of Concern: Gasoline
 Site History: Not all historic documents for the environmental case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>. RO0003184 was opened by Alameda County Environmental Health (ACEH) in 2015 in conjunction with a proposed residential development of the subject parcel Case opening was triggered due to a provision recorded in ACEH's April 23, 2015 closure of former Fuel Leak Case No. RO0002933, the Thompson Property site, requiring evaluation of residual contamination left in place if the site was redeveloped. Plans for the proposed 2015 residential redevelopment project have been withdrawn and since no additional investigation activities were conducted in association with the proposed project, the case is closed with the same provision recorded in ACEH's April 23, 2015 closure of former Fuel Leak Case No. RO0002933, requiring evaluation of residual contamination left in place if the site was redeveloped. This case is administratively closed with the same land use restrictions: Under the current land use as a vacant, unpaved parcel zoned for commercial/light industrial land use, within an industrial / commercial / residential area, case closure is granted for future industrial / commercial land use. If a change in land use to any residential, or other conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. Due to the presence of contaminated groundwater underlying the site, future installation of private, domestic wells is prohibited. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status: Pollution Characterization

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1125 MANDELA REUSE (Continued)

S118154729

Record Id: RO0003184
 PE: 5502
 Facility Status: Pollution Characterization
 Latitude: Not reported
 Longitude: Not reported

CERS TANKS:

Site ID: 356682
 CERS ID: T10000007322
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
 Entity Name: MARK DETTERMAN - ALAMEDA COUNTY LOP
 Entity Title: Not reported
 Affiliation Address: 1131 HARBOR BAY PARKWAY
 Affiliation City: ALAMEDA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: 5105676876

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

**Z97
 ENE
 1/4-1/2
 0.393 mi.
 2073 ft.**

**1125 MANDELA PKWY
 1125 MANDELA
 OAKLAND, CA 94607
 Site 2 of 3 in cluster Z**

**CPS-SLIC S121476047
 Alameda County CS N/A
 CERS**

**Relative:
 Higher
 Actual:
 20 ft.**

CPS-SLIC:
 Region: STATE
Facility Status: Open - Active
 Status Date: 03/09/2018
 Global Id: T10000011421
 Lead Agency: ALAMEDA COUNTY LOP
 Lead Agency Case Number: RO0003298
 Latitude: 37.8090086078878
 Longitude: -122.292614023313
 Case Type: Cleanup Program Site
 Case Worker: JES
 Local Agency: ALAMEDA COUNTY LOP
 RB Case Number: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
 Potential Contaminants of Concern: Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, Benzene, Ethylbenzene, Naphthalene, Polynuclear aromatic hydrocarbons (PAHs), Toluene, Total Petroleum Hydrocarbons (TPH), Xylene

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1125 MANDELA PKWY (Continued)

S121476047

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status: Leak Confirmation
 Record Id: RO0003298
 PE: 5502
 Facility Status: Leak Confirmation
 Latitude: Not reported
 Longitude: Not reported

CERS TANKS:

Site ID: 434944
 CERS ID: T10000011421
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
 Entity Name: JONATHAN E. SANDERS - ALAMEDA COUNTY LOP
 Entity Title: Not reported
 Affiliation Address: 1131 Harbor Bay Pkwy
 Affiliation City: ALAMEDA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: 5105676791

Z98
ENE
1/4-1/2
0.396 mi.
2090 ft.

THOMPSON PROPERTY
1409-1417 12TH STREET
OAKLAND, CA 94607
Site 3 of 3 in cluster Z

LUST **S109936205**
Alameda County CS **N/A**
CERS

Relative:
Higher
Actual:
20 ft.

LUST:
 Lead Agency: ALAMEDA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600158621
 Global Id: T0600158621
 Latitude: 37.8090117561822
 Longitude: -122.292608857187
 Status: Completed - Case Closed
 Status Date: 04/23/2015
 Case Worker: KEN
 RB Case Number: NA
 Local Agency: ALAMEDA COUNTY LOP
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: RO0002933
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at <https://ehgis.acgov.org/dehpublic/dehpublic.jsp>. A retail gasoline station operated at the site from the mid-1950s to circa 1969. The Thompsons purchased the property from Burmah Oil and Gas in 1973. The

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOMPSON PROPERTY (Continued)

S109936205

property was a vacant lot at the time of the purchase. In August 1999 a subsurface investigation was completed in advance of a potential property transaction, and revealed the presence of significantly elevated levels of hydrocarbon contamination in soil and groundwater beneath the site. However, no evidence of USTs were encountered during the investigation and there is no record of the removal of the USTs. A magnetometer survey did not reveal the presence of USTs. Site characterization performed in 2007 and 2008 confirmed the presence of elevated levels of contamination. In November 2008 a DPE pilot test was completed and results from the pilot test indicate that DPE is feasible and readily implemented. DPE operated January 18, 2010 through July 23, 2010 and May 5, 2011 through October 31, 2011. Confirmation sampling documented in report dated March 19, 2013 revealed elevated residual concentrations of TPHg and EX. ACEH requested supplemental samples be collected due to inconsistencies with the reported data. The second set of confirmation soil sample data, presented in a report dated January 3, 2014, indicated the site met the LTCP closure requirements. Under the current land use as a vacant, unpaved parcel zoned for commercial/light industrial land use, within an industrial / commercial / residential area, case closure is granted for future industrial / commercial land use. If a change in land use to any residential, or other conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. Due to the presence of contaminated groundwater underlying the site, future installation of private, domestic wells is prohibited. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.

LUST:

Global Id:	T0600158621
Contact Type:	Local Agency Caseworker
Contact Name:	KEITH NOWELL
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	keith.nowell@acgov.org
Phone Number:	5105676764
Global Id:	T0600158621
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600158621
Action Type:	RESPONSE
Date:	08/14/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOMPSON PROPERTY (Continued)

S109936205

Action: Monitoring Report - Semi-Annually

Global Id: T0600158621
Action Type: RESPONSE
Date: 08/22/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: File review

Global Id: T0600158621
Action Type: RESPONSE
Date: 11/29/2013
Action: Soil and Water Investigation Report

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 09/30/2013
Action: Staff Letter - #20130930

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 11/19/2014
Action: Staff Letter - #20141119

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 04/24/2015
Action: Closure/No Further Action Letter - #20150424

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 12/06/2006
Action: Unauthorized Release Form - #20061206

Global Id: T0600158621
Action Type: Other
Date: 08/25/1999
Action: Leak Discovery

Global Id: T0600158621
Action Type: RESPONSE
Date: 05/09/2014
Action: Electronic Reporting Submittal Due

Global Id: T0600158621
Action Type: RESPONSE
Date: 07/24/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 08/21/2013
Action: Staff Letter - #20130821

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOMPSON PROPERTY (Continued)

S109936205

Global Id: T0600158621
Action Type: RESPONSE
Date: 07/24/2014
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 12/04/2009
Action: File review

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 10/20/2014
Action: Notification - Public Participation Document - #2014-10-20

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 11/08/2013
Action: Technical Correspondence / Assistance / Other - #20131108

Global Id: T0600158621
Action Type: RESPONSE
Date: 12/13/2010
Action: Monitoring Report - Quarterly

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 12/06/2006
Action: Unauthorized Release Form - #20061206

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 12/05/2014
Action: Staff Letter - #20141205

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 04/25/2014
Action: Technical Correspondence / Assistance / Other - #20140425

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 03/25/2015
Action: Staff Letter - #20150325

Global Id: T0600158621
Action Type: RESPONSE
Date: 02/11/2014
Action: Soil and Water Investigation Report

Global Id: T0600158621
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOMPSON PROPERTY (Continued)

S109936205

Date: 06/06/2007
Action: * No Action - #20070906

Global Id: T0600158621
Action Type: RESPONSE
Date: 09/20/2013
Action: Other Workplan - Regulator Responded

Global Id: T0600158621
Action Type: RESPONSE
Date: 04/01/2015
Action: Request for Closure - Regulator Responded

Global Id: T0600158621
Action Type: RESPONSE
Date: 05/09/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600158621
Action Type: RESPONSE
Date: 09/20/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 04/23/2015
Action: Closure/No Further Action Letter - #20150423

Global Id: T0600158621
Action Type: REMEDIATION
Date: 01/13/2010
Action: Dual Phase Extraction

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 08/20/2014
Action: Staff Letter - #20140820

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 04/25/2014
Action: Technical Correspondence / Assistance / Other - #20140425

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 03/31/2015
Action: Staff Letter - #20150331

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 12/23/2014
Action: Staff Letter - #20141223

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 10/15/2014
Action: Staff Letter - #20141015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOMPSON PROPERTY (Continued)

S109936205

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 07/31/2008
Action: Technical Correspondence / Assistance / Other - #07/31/2008

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 04/07/2014
Action: Staff Letter - #20140407

Global Id: T0600158621
Action Type: Other
Date: 09/28/2006
Action: Leak Reported

Global Id: T0600158621
Action Type: RESPONSE
Date: 11/14/2014
Action: Correspondence

Global Id: T0600158621
Action Type: RESPONSE
Date: 12/03/2014
Action: Correspondence

Global Id: T0600158621
Action Type: RESPONSE
Date: 04/09/2015
Action: Well Destruction Report

Global Id: T0600158621
Action Type: RESPONSE
Date: 09/05/2014
Action: Correspondence

Global Id: T0600158621
Action Type: RESPONSE
Date: 11/19/2014
Action: Email Correspondence

Global Id: T0600158621
Action Type: RESPONSE
Date: 12/12/2014
Action: Email Correspondence

Global Id: T0600158621
Action Type: RESPONSE
Date: 10/15/2007
Action: Interim Remedial Action Plan

Global Id: T0600158621
Action Type: REMEDIATION
Date: 10/13/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0600158621
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOMPSON PROPERTY (Continued)

S109936205

Date: 02/11/2014
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0600158621
Action Type: ENFORCEMENT
Date: 01/07/2014
Action: Staff Letter - #20140107

LUST:

Global Id: T0600158621
Status: Completed - Case Closed
Status Date: 04/23/2015

Global Id: T0600158621
Status: Open - Assessment & Interim Remedial Action
Status Date: 11/08/2008

Global Id: T0600158621
Status: Open - Case Begin Date
Status Date: 08/12/1999

Global Id: T0600158621
Status: Open - Eligible for Closure
Status Date: 06/30/2014

Global Id: T0600158621
Status: Open - Remediation
Status Date: 01/13/2010

Global Id: T0600158621
Status: Open - Site Assessment
Status Date: 08/12/1999

Global Id: T0600158621
Status: Open - Site Assessment
Status Date: 09/28/2006

Global Id: T0600158621
Status: Open - Verification Monitoring
Status Date: 10/31/2011

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0002933
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.809073369
Longitude: -122.29254845

Status: Preliminary Site Assessment Underway
Record Id: RO0002933
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: 37.809073369
Longitude: -122.29254845

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THOMPSON PROPERTY (Continued)

S109936205

Status: Pollution Characterization
Record Id: RO0002933
PE: 5602
Facility Status: Pollution Characterization
Latitude: 37.809073369
Longitude: -122.29254845

Status: Case Closed
Record Id: RO0002933
PE: 5602
Facility Status: Case Closed
Latitude: 37.809073369
Longitude: -122.29254845

CERS TANKS:

Site ID: 241587
CERS ID: T0600158621
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: KEITH NOWELL - ALAMEDA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1131 Harbor Bay Parkway
Affiliation City: ALAMEDA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5105676764

Y99
North
1/4-1/2
0.405 mi.
2138 ft.

TAYLOR ROOF STRUCTURES
1746 13TH
OAKLAND, CA 94607
Site 2 of 2 in cluster Y

LUST **S102438454**
Alameda County CS **N/A**
HIST CORTESE
CERS

Relative:
Lower
Actual:
13 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101338
Global Id: T0600101338
Latitude: 37.8138127107924
Longitude: -122.297249905394
Status: Completed - Case Closed
Status Date: 12/07/1995
Case Worker: Not reported
RB Case Number: 01-1449

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR ROOF STRUCTURES (Continued)

S102438454

Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001156
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600101338
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101338
Action Type: ENFORCEMENT
Date: 12/07/1995
Action: Closure/No Further Action Letter

Global Id: T0600101338
Action Type: ENFORCEMENT
Date: 02/13/1990
Action: * Historical Enforcement - #UNK

Global Id: T0600101338
Action Type: Other
Date: 02/06/1989
Action: Leak Reported

Global Id: T0600101338
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:

Global Id: T0600101338
Status: Completed - Case Closed
Status Date: 12/07/1995

Global Id: T0600101338
Status: Open - Case Begin Date
Status Date: 02/06/1989

LUST REG 2:

Region: 2
Facility Id: 01-1449
Facility Status: Case Closed
Case Number: 3742
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR ROOF STRUCTURES (Continued)

S102438454

Date Leak Confirmed: 3/9/1992
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: 4/29/1990
Preliminary Site Assessment Began: 4/9/1991
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0001156
PE: 5602
Facility Status: Case Closed
Latitude: 37.812712576
Longitude: -122.29814373

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1449

CERS TANKS:

Site ID: 257681
CERS ID: T0600101338
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AA100
NNE
1/4-1/2
0.409 mi.
2158 ft.

WILLOW PARK
1368 WILLOW STREET
OAKLAND, CA 94608
Site 1 of 2 in cluster AA

ENVIROSTOR S112941986
VCP N/A
HAZNET

Relative:
Lower
Actual:
13 ft.

ENVIROSTOR:
Facility ID: 1990028
Status: No Further Action
Status Date: 06/08/2005
Site Code: 201578
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP, US EPA, CITY OF OAKLAND
Lead Agency: CITY OF OAKLAND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLOW PARK (Continued)

S112941986

Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81237
Longitude: -122.2965
APN: 006-001100100, 6-11-1
Past Use: JUNKYARD
Potential COC: Arsenic Lead
Confirmed COC: Arsenic Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1990028
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, US EPA, CITY OF OAKLAND
Lead Agency: CITY OF OAKLAND
Lead Agency Description: OAKLAND, CITY OF
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 201578
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 06/08/2005
Restricted Use: NO
Funding: Responsible Party

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLOW PARK (Continued)

S112941986

Lat/Long: 37.81237 / -122.2965
APN: 006-001100100, 6-11-1
Past Use: JUNKYARD
Potential COC: 30001, 30013
Confirmed COC: 30001,30013
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S112941986
Year: 2005
GEPaid: CAC002584655
Contact: DAVID FINACOM/MARK GOMEZ/ENVIR PRO
Telephone: 5102387314
Mailing Name: Not reported
Mailing Address: 250 FRANK H OGAWA PLZ STE 5301
Mailing City,St,Zip: OAKLAND, CA 94612
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 15.17
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S112941986
Year: 2004
GEPaid: CAC002584655
Contact: DAVID FINACOM/MARK GOMEZ/ENVIR PRO
Telephone: 5102387314
Mailing Name: Not reported
Mailing Address: 250 FRANK H OGAWA PLZ STE 5301
Mailing City,St,Zip: OAKLAND, CA 94612
Gen County: Not reported
TSD EPA ID: CAD980675276
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLOW PARK (Continued)

S112941986

Disposal Method: Not reported
 Tons: 318.57
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Alameda

envid: S112941986
 Year: 2004
 GEPAID: CAC002584655
 Contact: DAVID FINACOM/MARK GOMEZ/ENVIR PRO
 Telephone: 5102387314
 Mailing Name: Not reported
 Mailing Address: 250 FRANK H OGAWA PLZ STE 5301
 Mailing City,St,Zip: OAKLAND, CA 94612
 Gen County: Not reported
 TSD EPA ID: CAD980675276
 TSD County: Not reported
 Waste Category: Contaminated soil from site clean-up
 Disposal Method: Disposal, Land Fill
 Tons: 515.79
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Alameda

**AB101
 ESE
 1/4-1/2
 0.417 mi.
 2202 ft.**

**SMILO CHEMICAL COMPANY
 500 KIRKHAM STREET
 OAKLAND, CA 94607**

Site 1 of 3 in cluster AB

**ENVIROSTOR S104578474
 LUST N/A
 Alameda County CS
 VCP
 HIST CORTESE
 CERS**

**Relative:
 Lower**

ENVIROSTOR:

**Actual:
 14 ft.**

Facility ID: 1510022
 Status: Active
 Status Date: 03/17/2016
 Site Code: 900268
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 3
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Elizabeth Chung-Huynh
 Supervisor: Janet Naito
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.80396
 Longitude: -122.2921
 APN: 004 004900100
 Past Use: MANUFACTURING - CHEMICALS, VEHICLE MAINTENANCE
 Potential COC: Lead TPH-diesel TPH-gas TPH-MOTOR OIL
 Confirmed COC: TPH-diesel TPH-gas Lead TPH-MOTOR OIL
 Potential Description: OTH, SOIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMILO CHEMICAL COMPANY (Continued)

S104578474

Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102242
Global Id: T0600102242
Latitude: 37.803914
Longitude: -122.2929
Status: Open - Site Assessment
Status Date: 12/30/1995
Case Worker: Not reported
RB Case Number: 01-2433
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 01510022
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Acetone, Other Solvent or Non-Petroleum Hydrocarbon, Polychlorinated biphenyls (PCBs), Arsenic,
Site History: Case is overseen by DTSC under Envirostor Case No. 01510022 (Smilo Chemical Company) This site is part of the Cypress Freeway Reconstruction Project. The site was formerly known as Smilo Chemical Company, which operated as a chemical repackaging company. It was later used as a truck repair facility in which the facility occupied approximately one third of the site. Also see listing in GeoTracker for Container Fright (Case No. 01-2399) for related documents.

LUST:

Global Id: T0600102242
Contact Type: Local Agency Caseworker
Contact Name: BARBARA COOK
Organization Name: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Address: 700 HEINZ ST.
City: BERKELEY
Email: Not reported
Phone Number: Not reported

Global Id: T0600102242
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMILO CHEMICAL COMPANY (Continued)

S104578474

Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600102242
Action Type: REMEDIATION
Date: 08/30/1995
Action: Excavation

Global Id: T0600102242
Action Type: Other
Date: 08/30/1995
Action: Leak Discovery

Global Id: T0600102242
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600102242
Action Type: Other
Date: 08/30/1995
Action: Leak Reported

LUST:

Global Id: T0600102242
Status: Open - Case Begin Date
Status Date: 08/30/1995

Global Id: T0600102242
Status: Open - Site Assessment
Status Date: 08/30/1995

Global Id: T0600102242
Status: Open - Site Assessment
Status Date: 12/30/1995

LUST REG 2:

Region: 2
Facility Id: 01-2433
Facility Status: Leak being confirmed
Case Number: 2265
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 8/8/1991
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMILO CHEMICAL COMPANY (Continued)

S104578474

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000421
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: 11
Record Id: RO0000421
PE: 5602
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000421
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

VCP:

Facility ID: 1510022
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Elizabeth Chung-Huynh
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Site Code: 900268
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Active
Status Date: 03/17/2016
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80396 / -122.2921
APN: 004 004900100
Past Use: MANUFACTURING - CHEMICALS, VEHICLE MAINTENANCE
Potential COC: 30013, 30024, 30025, 3002502
Confirmed COC: 30024,30025,30013,3002502
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMILO CHEMICAL COMPANY (Continued)

S104578474

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2433

Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01510022

CERS TANKS:

Site ID: 242891
CERS ID: T0600102242
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: BARBARA COOK - DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Entity Title: Not reported
Affiliation Address: 700 HEINZ ST.
Affiliation City: BERKELEY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AB102 **SMILO CHEM CO INC**
ESE **500 KIRKHAM ST**
1/4-1/2 **OAKLAND, CA 94607**
0.417 mi.
2202 ft. **Site 2 of 3 in cluster AB**

SEMS-ARCHIVE **1000290035**
RCRA-SQG **CAD029247319**
FINDS
ECHO

Relative: SEMS Archive:
Lower Site ID: 901286
EPA ID: CAD029247319
Actual: Cong District: 8
14 ft. FIPS Code: 6001
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Latitude: 37.804167
Longitude: -122.291667

SEMS Archive Detail:

Region: 9
Site ID: 901286
EPA ID: CAD029247319
Site Name: SMILO CHEMICAL CO
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1988-05-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 901286
EPA ID: CAD029247319
Site Name: SMILO CHEMICAL CO
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-09-01 00:00:00
Finish Date: 1980-09-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 901286
EPA ID: CAD029247319
Site Name: SMILO CHEMICAL CO
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1988-05-01 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMILO CHEM CO INC (Continued)

1000290035

Qual: N
Current Action Lead: St Perf

Region: 9
Site ID: 901286
EPA ID: CAD029247319
Site Name: SMILO CHEMICAL CO
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 2
Start Date: 1984-03-01 00:00:00
Finish Date: 1985-02-01 00:00:00
Qual: L
Current Action Lead: St Perf

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: SMILO CHEM CO INC
Facility address: 500 KIRKHAM ST
OAKLAND, CA 94607

EPA ID: CAD029247319
Mailing address: 500 KIRKHAM ST.
OAKLAND, CA 94607

Contact: Not reported
Contact address: Not reported
Not reported

Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
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: BARNEY SMILO
Owner/operator address: 500 KIRKHAM ST.
CITY NOT REPORTED, CA 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-465-8022
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMILO CHEM CO INC (Continued)

1000290035

Owner/operator name: BARNEY SMILO
Owner/operator address: 500 KIRKHAM ST.
OAKLAND, CA 94607
Owner/operator country: Not reported
Owner/operator telephone: 415-465-8022
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

Historical Generators:

Date form received by agency: 08/11/1980
Site name: SMILO CHEM CO INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 03/19/1981
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110002641865

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup;

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SMILO CHEM CO INC (Continued)

1000290035

and School sites.

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: 1000290035
 Registry ID: 110002641865
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002641865>

X103
 ESE
 1/4-1/2
 0.417 mi.
 2203 ft.

SOUTHERN PACIFIC TRANSPORTATION COM
0 5TH AVE & KIRKHAM WAY
OAKLAND, CA 94607
 Site 2 of 2 in cluster X

LUST S106661085
Alameda County CS N/A
CERS

Relative:
 Lower
 Actual:
 13 ft.

LUST:
 Lead Agency: Not reported
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101304
 Global Id: T0600101304
 Latitude: 37.8035
 Longitude: -122.2927
 Status: Completed - Case Closed
 Status Date: 10/11/2012
 Case Worker: Not reported
 RB Case Number: Not reported
 Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: 01400003
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Diesel, Waste Oil / Motor / Hydraulic / Lubricating
 Site History: See DTSC Site #0140003 - CERTIFIED / OPERATION & MAINTENANCE AS OF 5/28/2009

LUST:
 Global Id: T0600101304
 Action Type: ENFORCEMENT
 Date: 07/03/2008
 Action: Technical Correspondence / Assistance / Other - #20080703

 Global Id: T0600101304
 Action Type: Other
 Date: 02/15/1990
 Action: Leak Stopped

 Global Id: T0600101304
 Action Type: Other
 Date: 02/15/1990
 Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COM (Continued)

S106661085

Global Id: T0600101304
Action Type: REMEDIATION
Date: 10/15/1990
Action: Excavation

Global Id: T0600101304
Action Type: Other
Date: 02/15/1990
Action: Leak Reported

LUST:

Global Id: T0600101304
Status: Completed - Case Closed
Status Date: 10/11/2012

Global Id: T0600101304
Status: Open - Case Begin Date
Status Date: 02/13/1990

Global Id: T0600101304
Status: Open - Site Assessment
Status Date: 02/13/1990

Global Id: T0600101304
Status: Open - Site Assessment
Status Date: 01/09/1992

Global Id: T0600101304
Status: Open - Site Assessment
Status Date: 05/10/1994

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000122
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: 11
Record Id: RO0000122
PE: 5602
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000122
PE: 5602
Facility Status: Pollution Characterization
Latitude: Not reported
Longitude: Not reported

CERS TANKS:

Site ID: 188958

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COM (Continued)

S106661085

CERS ID: T0600101304
 CERS Description: Leaking Underground Storage Tank Cleanup Site

AA104
NNE
1/4-1/2
0.427 mi.
2257 ft.

WILLOW PARK
14TH AND WILLOW ST WEST
WEST OAKLAND, CA 94607

US BROWNFIELDS
FINDS

1014949625
N/A

Site 2 of 2 in cluster AA

Relative:
Lower
Actual:
13 ft.

US BROWNFIELDS:
 Property Name: WILLOW PARK
 Recipient Name: Oakland, City of
 Grant Type: BCRLF
 Property Number: Not reported
 Parcel size: .94
 Latitude: 37.8126641
 Longitude: -122.296542
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 16501
 IC Data Access: Not reported
 Start Date: 11/01/2004 00:00:00
 Redev Completion Date: Not reported
 Completed Date: 12/01/2004 00:00:00
 Acres Cleaned Up: .94
 Cleanup Funding: 482800
 Cleanup Funding Source: Other Federal Funding
 Assessment Funding: Not reported
 Assessment Funding Source: Not reported
 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: National Park Service Urban Parks and Recreation Program
 Grant Type: Hazardous
 Accomplishment Type: Not reported
 Accomplishment Count: 0
 Cooperative Agreement Number: 98968501
 Start Date: Not reported
 Ownership Entity: Government
 Completion Date: Not reported
 Current Owner: City of Oakland
 Did Owner Change: N
 Cleanup Required: Y
 Video Available: Not reported
 Photo Available: Not reported
 Institutional Controls Required: N
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLOW PARK (Continued)

1014949625

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
Controlled substance found:	Not reported
Controlled 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:	Y
Lead cleaned up:	Y
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:	Y
Soil cleaned up:	Y
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
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
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:	N
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLOW PARK (Continued)

1014949625

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:	park
Below Poverty Number:	2059
Below Poverty Percent:	36.2%
Meidan Income:	12241
Meidan Income Number:	3369
Meidan Income Percent:	59.2%
Vacant Housing Number:	494
Vacant Housing Percent:	19.0%
Unemployed Number:	413
Unemployed Percent:	7.3%
Property Name:	WILLOW PARK
Recipient Name:	Oakland, City of
Grant Type:	BCRLF
Property Number:	Not reported
Parcel size:	.94
Latitude:	37.8126641
Longitude:	-122.296542
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	16501
IC Data Access:	Not reported
Start Date:	11/01/2004 00:00:00
Redev Completion Date:	Not reported
Completed Date:	12/01/2004 00:00:00
Acres Cleaned Up:	.94
Cleanup Funding:	568000
Cleanup Funding Source:	State/Tribal Funding (non-section 128(a))
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLOW PARK (Continued)

1014949625

Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	California Parks and Recreation Murray Hayden Prop 12 grant
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	98968501
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Oakland
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	N
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
Controlled substance found:	Not reported
Controlled 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:	Y
Lead cleaned up:	Y
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:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLOW PARK (Continued)

1014949625

Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
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:	N
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:	park
Below Poverty Number:	2059
Below Poverty Percent:	36.2%
Meidan Income:	12241
Meidan Income Number:	3369
Meidan Income Percent:	59.2%
Vacant Housing Number:	494
Vacant Housing Percent:	19.0%
Unemployed Number:	413
Unemployed Percent:	7.3%
Property Name:	WILLOW PARK
Recipient Name:	Oakland, City of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLOW PARK (Continued)

1014949625

Grant Type:	BCRLF
Property Number:	Not reported
Parcel size:	.94
Latitude:	37.8126641
Longitude:	-122.296542
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	16501
IC Data Access:	Not reported
Start Date:	11/01/2004 00:00:00
Redev Completion Date:	Not reported
Completed Date:	12/01/2004 00:00:00
Acres Cleaned Up:	.94
Cleanup Funding:	200000
Cleanup Funding Source:	Brownfields RLF Grant Funds Loaned
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
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:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	98968501
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Oakland
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	N
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
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLOW PARK (Continued)

1014949625

Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
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:	Y
Soil cleaned up:	Y
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
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
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:	N
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLOW PARK (Continued)

1014949625

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: park
 Below Poverty Number: 2059
 Below Poverty Percent: 36.2%
 Meidan Income: 12241
 Meidan Income Number: 3369
 Meidan Income Percent: 59.2%
 Vacant Housing Number: 494
 Vacant Housing Percent: 19.0%
 Unemployed Number: 413
 Unemployed Percent: 7.3%

FINDS:

Registry ID: 110061015360

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

105
ENE
1/4-1/2
0.430 mi.
2268 ft.

MANDELA TRUCKING
1225 MANDELA PARKWAY
OAKLAND, CA 94607

LUST S103976094
Alameda County CS N/A
HIST CORTESE

Relative:
Higher
Actual:
21 ft.

LUST:

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102246
 Global Id: T0600102246
 Latitude: 37.8097309759884
 Longitude: -122.292350828648
 Status: Open - Site Assessment
 Status Date: 10/23/1998
 Case Worker: JMJ
 RB Case Number: 01-2437
 Local Agency: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: Not reported
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Diesel
 Site History: In July 1996, three USTs were removed from the site. Two were

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

utilized to store diesel fuel and the other gasoline. Elevated concentrations of petroleum hydrocarbons (1,300 mg/kg TPHd) and lead (350 mg/kg) were detected in confirmation soil samples collected at the site. In June 1988, a waste oil UST was removed from the site. Petroleum hydrocarbons were detected in soil samples collected from the UST pit (780 mg/kg TPHd and 5,800 mg/kg TEPH). Borings were installed by various consultants from April 1999 through November 2008 revealed TPHd to 3,900 mg/kg TPHd and 1,400 mg/kg TPHo. In 2009, three groundwater monitoring wells were installed at the site. Up to 380,000 ug/L TPHd and 130,000 ug/L TPHo reported in groundwater.

LUST:

Global Id: T0600102246
Contact Type: Regional Board Caseworker
Contact Name: JOHN JANG
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: jjang@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 02/06/2008
Action: Notice of Responsibility - #20080206

Global Id: T0600102246
Action Type: RESPONSE
Date: 10/25/2008
Action: Soil and Water Investigation Workplan

Global Id: T0600102246
Action Type: RESPONSE
Date: 02/13/2009
Action: Soil and Water Investigation Report

Global Id: T0600102246
Action Type: RESPONSE
Date: 01/21/2006
Action: Soil and Water Investigation Workplan

Global Id: T0600102246
Action Type: RESPONSE
Date: 12/18/2010
Action: Monitoring Report - Quarterly

Global Id: T0600102246
Action Type: RESPONSE
Date: 04/03/2000
Action: Interim Remedial Action Report

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 03/07/2008
Action: Staff Letter - #20080307

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

Global Id:	T0600102246
Action Type:	ENFORCEMENT
Date:	09/27/2013
Action:	13267 Requirement
Global Id:	T0600102246
Action Type:	ENFORCEMENT
Date:	10/03/2008
Action:	Staff Letter - #20081003
Global Id:	T0600102246
Action Type:	ENFORCEMENT
Date:	05/15/2009
Action:	Staff Letter - #20090515
Global Id:	T0600102246
Action Type:	RESPONSE
Date:	02/16/2016
Action:	Conceptual Site Model - Regulator Responded
Global Id:	T0600102246
Action Type:	RESPONSE
Date:	11/16/2009
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0600102246
Action Type:	ENFORCEMENT
Date:	06/15/2012
Action:	Referral to Regional Board - #20120615
Global Id:	T0600102246
Action Type:	ENFORCEMENT
Date:	12/01/2005
Action:	Staff Letter - #20051201
Global Id:	T0600102246
Action Type:	ENFORCEMENT
Date:	02/06/2008
Action:	* NEL - #20080206
Global Id:	T0600102246
Action Type:	ENFORCEMENT
Date:	08/17/2017
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0600102246
Action Type:	RESPONSE
Date:	06/05/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0600102246
Action Type:	RESPONSE
Date:	07/09/1998
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0600102246
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

Date: 04/03/2000
Action: Interim Remedial Action Report

Global Id: T0600102246
Action Type: RESPONSE
Date: 04/10/2008
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600102246
Action Type: RESPONSE
Date: 05/27/2008
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600102246
Action Type: RESPONSE
Date: 05/27/2010
Action: Monitoring Report - Quarterly

Global Id: T0600102246
Action Type: RESPONSE
Date: 04/10/2008
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600102246
Action Type: RESPONSE
Date: 02/13/2009
Action: Soil and Water Investigation Report

Global Id: T0600102246
Action Type: RESPONSE
Date: 05/13/2009
Action: Well Installation Workplan

Global Id: T0600102246
Action Type: RESPONSE
Date: 03/23/2007
Action: Preliminary Site Assessment Workplan

Global Id: T0600102246
Action Type: RESPONSE
Date: 04/10/2008
Action: Soil and Water Investigation Report

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 06/25/2008
Action: Staff Letter - #20080625

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 02/06/2008
Action: Staff Letter - #20080206

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 11/15/2016
Action: 13267 Requirement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

Global Id: T0600102246
Action Type: RESPONSE
Date: 04/25/2018
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600102246
Action Type: RESPONSE
Date: 05/15/2014
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 04/30/2013
Action: 13267 Requirement

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 01/23/2007
Action: Staff Letter - #20070123

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 02/14/2013
Action: File Review - Closure

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 09/17/2009
Action: Staff Letter - #20090917

Global Id: T0600102246
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Other

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter - #20090728

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 12/02/2014
Action: Email Correspondence

Global Id: T0600102246
Action Type: RESPONSE
Date: 12/30/2013
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 09/16/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102246
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

Date: 05/19/2017
Action: 13267 Requirement

Global Id: T0600102246
Action Type: RESPONSE
Date: 07/15/2013
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0600102246
Action Type: RESPONSE
Date: 02/12/2015
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0600102246
Action Type: RESPONSE
Date: 09/04/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600102246
Action Type: RESPONSE
Date: 06/15/2015
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 03/06/2009
Action: Staff Letter - #20090306

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 03/06/2009
Action: Staff Letter - #20090306

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 11/13/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 11/13/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102246
Action Type: RESPONSE
Date: 04/25/2018
Action: Soil and Water Investigation Report

Global Id: T0600102246
Action Type: RESPONSE
Date: 05/30/2018
Action: Request for Closure - Regulator Responded

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 02/20/2014
Action: 13267 Requirement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

Global Id: T0600102246
Action Type: RESPONSE
Date: 05/30/2018
Action: Request for Closure - Regulator Responded

Global Id: T0600102246
Action Type: RESPONSE
Date: 02/15/2017
Action: Other Workplan - Regulator Responded

Global Id: T0600102246
Action Type: RESPONSE
Date: 06/30/2017
Action: Other Workplan - Regulator Responded

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 04/26/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102246
Action Type: Other
Date: 08/01/1996
Action: Leak Reported

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 03/05/2015
Action: 13267 Requirement

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 03/23/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 11/19/2015
Action: 13267 Requirement

Global Id: T0600102246
Action Type: RESPONSE
Date: 12/15/2015
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600102246
Action Type: RESPONSE
Date: 07/11/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 01/25/2018
Action: 13267 Requirement

Global Id: T0600102246
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

Date: 01/22/2018
Action: Email Correspondence

Global Id: T0600102246
Action Type: RESPONSE
Date: 06/02/2008
Action: Soil and Water Investigation Workplan

Global Id: T0600102246
Action Type: ENFORCEMENT
Date: 10/24/2013
Action: Technical Correspondence / Assistance / Other

LUST:

Global Id: T0600102246
Status: Open - Case Begin Date
Status Date: 08/01/1996

Global Id: T0600102246
Status: Open - Site Assessment
Status Date: 08/01/1996

Global Id: T0600102246
Status: Open - Site Assessment
Status Date: 10/23/1998

LUST REG 2:

Region: 2
Facility Id: 01-2437
Facility Status: Preliminary site assessment underway
Case Number: 4153
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 5/23/1996
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000041
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.809383214
Longitude: -122.29237944

Status: 11
Record Id: RO0000041
PE: 5602
Facility Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA TRUCKING (Continued)

S103976094

Latitude: 37.809383214
Longitude: -122.29237944

Status: Pollution Characterization
Record Id: RO0000041
PE: 5602
Facility Status: Pollution Characterization
Latitude: 37.809383214
Longitude: -122.29237944

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2437

**106
North
1/4-1/2
0.448 mi.
2365 ft.**

**STATION HOUSE SOUTH CONDOMINIUMS (CENTRAL STATION/
WOOD STREET
OAKLAND, CA 94608**

**CPS-SLIC S121475984
N/A**

**Relative:
Lower
Actual:
12 ft.**

CPS-SLIC:
Region: STATE
Facility Status: Open - Remediation
Status Date: 08/30/2017
Global Id: T10000007678
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.8135211572151
Longitude: -122.300478956154
Case Type: Cleanup Program Site
Case Worker: MEJ
Local Agency: Not reported
RB Case Number: 01S0556
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Soil, Under Investigation
Potential Contaminants of Concern: Arsenic, Lead, Polynuclear aromatic hydrocarbons (PAHs), Total Petroleum Hydrocarbons (TPH)

Site History: The Wood Streets Zoning District is made up of several parcels, with several different owners, totaling 29 acres. A majority of the parcels are located along Wood Street between 10th Street and West Grand Avenue in a mixed industrial-commercial zone. The 1880 shoreline passes through one-third of the site, there is fill material on the site. Soil and groundwater investigations were conducted between 1997 and 2005, finding: lead, arsenic, petroleum hydrocarbons, polynuclear aromatic hydrocarbons and chlorinated solvents. The site is currently a vacant lot.

Click here to access the California GeoTracker records for this facility:

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AC107
North
1/4-1/2
0.448 mi.
2368 ft.

SOUTHERN PACIFIC TRANSPORTATION COM
1399 WOOD ST
OAKLAND, CA 94607
Site 1 of 2 in cluster AC

LUST
Alameda County CS
HIST CORTESE
CERS

1000597178
N/A

Relative:
Lower
Actual:
12 ft.

LUST:

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101301
 Global Id: T0600101301
 Latitude: 37.813433
 Longitude: -122.296859
 Status: Completed - Case Closed
 Status Date: 04/13/2009
 Case Worker: UUU
 RB Case Number: 01S0556
 Local Agency: Not reported
 File Location: Local Agency
 Local Case Number: RO0000476
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:

Global Id: T0600101301
 Contact Type: Regional Board Caseworker
 Contact Name: Regional Water Board
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY ST SUITE 1400
 City: OAKLAND
 Email: Not reported
 Phone Number: Not reported

LUST:

Global Id: T0600101301
 Action Type: RESPONSE
 Date: 04/24/1997
 Action: Request for Closure

Global Id: T0600101301
 Action Type: ENFORCEMENT
 Date: 05/10/2006
 Action: Closure/No Further Action Letter

Global Id: T0600101301
 Action Type: REMEDIATION
 Date: 09/14/1989
 Action: Excavation

Global Id: T0600101301
 Action Type: RESPONSE
 Date: 07/23/2003
 Action: Site Assessment Report

Global Id: T0600101301
 Action Type: Other
 Date: 09/14/1989
 Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COM (Continued)

1000597178

Global Id: T0600101301
Action Type: ENFORCEMENT
Date: 04/13/2009
Action: Closure/No Further Action Letter

Global Id: T0600101301
Action Type: RESPONSE
Date: 10/19/2005
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101301
Action Type: RESPONSE
Date: 03/17/2005
Action: Respond to Petition

Global Id: T0600101301
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600101301
Action Type: Other
Date: 09/14/1989
Action: Leak Reported

Global Id: T0600101301
Action Type: RESPONSE
Date: 07/17/2007
Action: Correspondence

Global Id: T0600101301
Action Type: RESPONSE
Date: 04/13/2006
Action: Other Report / Document

Global Id: T0600101301
Action Type: RESPONSE
Date: 01/25/2006
Action: Other Workplan

Global Id: T0600101301
Action Type: ENFORCEMENT
Date: 11/02/2004
Action: Staff Letter

LUST:

Global Id: T0600101301
Status: Completed - Case Closed
Status Date: 04/13/2009

Global Id: T0600101301
Status: Open - Case Begin Date
Status Date: 09/14/1989

Global Id: T0600101301
Status: Open - Site Assessment
Status Date: 09/14/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COM (Continued)

1000597178

Global Id: T0600101301
Status: Open - Site Assessment
Status Date: 06/11/1992

Global Id: T0600101301
Status: Open - Site Assessment
Status Date: 01/26/1994

Global Id: T0600101301
Status: Open - Verification Monitoring
Status Date: 06/29/1994

LUST REG 2:

Region: 2
Facility Id: 01-1408
Facility Status: Pollution Characterization
Case Number: 3824
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/27/1992
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 3/18/1998
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000476
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.813354166
Longitude: -122.29797387

Status: 11
Record Id: RO0000476
PE: 5602
Facility Status: Not reported
Latitude: 37.813354166
Longitude: -122.29797387

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000476
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted
Latitude: 37.813354166
Longitude: -122.29797387

Status: Preliminary Site Assessment Underway
Record Id: RO0000476
PE: 5602
Facility Status: Preliminary Site Assessment Underway

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COM (Continued)

1000597178

Latitude: 37.813354166
Longitude: -122.29797387

Status: Verificaiton Monitoring Underway
Record Id: RO0000476
PE: 5602
Facility Status: Verification Monitoring Underway
Latitude: 37.813354166
Longitude: -122.29797387

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1408

CERS TANKS:

Site ID: 244087
CERS ID: T0600101301
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AC108
North
1/4-1/2
0.448 mi.
2368 ft.

CENTRAL STATION LAND, LLC
1399-1707 WOOD STREET
OAKLAND, CA

CPS-SLIC S106235290
N/A

Site 2 of 2 in cluster AC

Relative:
Lower
Actual:
12 ft.

SLIC REG 2:
Region: 2
Facility ID: SLT2O195298
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AB109 **CONTAINER FREIGHT**
ESE **1285 5TH ST**
1/4-1/2 **OAKLAND, CA 94606**
0.456 mi.
2408 ft. **Site 3 of 3 in cluster AB**

ENVIROSTOR **S103576443**
LUST **N/A**
Alameda County CS
VCP
HIST CORTESE
CERS

Relative:
Lower

Actual:
13 ft.

ENVIROSTOR:
 Facility ID: 1420128
 Status: Inactive - Needs Evaluation
 Status Date: 09/03/2010
 Site Code: 200467
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 2.81
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Karen Toth
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: YES
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.80255
 Longitude: -122.2921
 APN: O-390-3
 Past Use: TRANSPORTATION - WAREHOUSING
 Potential COC: Arsenic Lead TPH-diesel Trichloroethylene (TCE Polynuclear aromatic hydrocarbons (PAHs
 Confirmed COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Trichloroethylene (TCE
 Potential Description: OTH, SOIL
 Alias Name: Not reported
 Alias Type: Not reported

Completed Info:
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

LUST:
 Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 Case Type: LUST Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTAINER FREIGHT (Continued)

S103576443

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102209
Global Id: T0600102209
Latitude: 37.8074
Longitude: -122.2887
Status: Open - Remediation
Status Date: 08/30/1995
Case Worker: Not reported
RB Case Number: 01-2399
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 01420128
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon, Polychlorinated biphenyls (PCBs), Other Insecticides
Site History: The case is overseen by DTSC. Envirostor ID No. 01420128. The site is part of the Cypress Freeway Construction Project. Former site uses include a warehouse and distribution facility since 1967. Site activities consisted of unloading cargo from freight trains and transferring to trucks. Prior to this use, the site was owned by the Commissary Department of the Southern Pacific Railroad. It is not known what site activities took place when it was owned by the railroad. Caltrans purchased the site in 1994 in connection with reconstruction of the Cypress Freeway.

LUST:

Global Id: T0600102209
Contact Type: Local Agency Caseworker
Contact Name: BARBARA COOK
Organization Name: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Address: 700 HEINZ ST.
City: BERKELEY
Email: Not reported
Phone Number: Not reported

Global Id: T0600102209
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600102209
Action Type: Other
Date: 08/30/1995
Action: Leak Discovery

Global Id: T0600102209
Action Type: RESPONSE
Date: 08/01/1995
Action: Other Report / Document

Global Id: T0600102209
Action Type: RESPONSE
Date: 09/22/2000
Action: Site Assessment Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTAINER FREIGHT (Continued)

S103576443

Global Id: T0600102209
Action Type: Other
Date: 08/30/1995
Action: Leak Stopped

Global Id: T0600102209
Action Type: REMEDIATION
Date: 08/30/1995
Action: Excavation

Global Id: T0600102209
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600102209
Action Type: Other
Date: 09/12/1995
Action: Leak Reported

LUST:

Global Id: T0600102209
Status: Open - Case Begin Date
Status Date: 08/30/1995

Global Id: T0600102209
Status: Open - Remediation
Status Date: 08/30/1995

Global Id: T0600102209
Status: Open - Site Assessment
Status Date: 08/30/1995

LUST REG 2:

Region: 2
Facility Id: 01-2399
Facility Status: Leak being confirmed
Case Number: 5507
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 8/8/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000420
PE: 5602
Facility Status: Leak Confirmation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTAINER FREIGHT (Continued)

S103576443

Latitude: 37.795736965
Longitude: -122.2541101

Status: 11
Record Id: RO0000420
PE: 5602
Facility Status: Not reported
Latitude: 37.795736965
Longitude: -122.2541101

Status: Pollution Characterization
Record Id: RO0000420
PE: 5602
Facility Status: Pollution Characterization
Latitude: 37.795736965
Longitude: -122.2541101

Status: Remedial Action Underway
Record Id: RO0000420
PE: 5602
Facility Status: Remedial Action Underway
Latitude: 37.795736965
Longitude: -122.2541101

VCP:

Facility ID: 1420128
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.81
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 200467
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Inactive - Needs Evaluation
Status Date: 09/03/2010
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.80255 / -122.2921
APN: O-390-3
Past Use: TRANSPORTATION - WAREHOUSING
Potential COC: 30001, 30013, 30024, 30027, 30472
Confirmed COC: 30001,30013,30472,30024,30027
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTAINER FREIGHT (Continued)

S103576443

Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2399

CERS TANKS:

Site ID: 241890
CERS ID: T0600102209
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: BARBARA COOK - DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Entity Title: Not reported
Affiliation Address: 700 HEINZ ST.
Affiliation City: BERKELEY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

110
NE
1/4-1/2
0.459 mi.
2422 ft.

**NEW OAKLAND FIRE STATION #3
CENTER AND 14TH STREET
OAKLAND, CA 94607**

**ENVIROSTOR S116165254
VCP N/A**

**Relative:
Higher
Actual:
17 ft.**

ENVIROSTOR:
Facility ID: 1920063
Status: Certified
Status Date: 12/28/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW OAKLAND FIRE STATION #3 (Continued)

S116165254

Site Code: 200498
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.9
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81111
Longitude: -122.2930
APN: NONE SPECIFIED
Past Use: UNKNOWN
Potential COC: * CONTAMINATED SOIL Lead TPH-MOTOR OIL
Confirmed COC: Lead * CONTAMINATED SOIL TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1920063
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.9
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200498

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEW OAKLAND FIRE STATION #3 (Continued)

S116165254

Assembly: 18
 Senate: 09
 Special Programs Code: Voluntary Cleanup Program
 Status: Certified
 Status Date: 12/28/1994
 Restricted Use: NO
 Funding: Responsible Party
 Lat/Long: 37.81111 / -122.2930
 APN: NONE SPECIFIED
 Past Use: UNKNOWN
 Potential COC: 10097, 30013, 3002502
 Confirmed COC: 30013,10097,3002502
 Potential Description: SOIL
 Alias Name: Not reported
 Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

111
 North
 1/4-1/2
 0.466 mi.
 2459 ft.

14TH STREET APARTMENTS (AKA IRON HORSE)
1801 14TH STREET
OAKLAND, CA 94607

CPS-SLIC S109521309
DEED N/A
CERS

Relative:
Lower
Actual:
12 ft.

CPS-SLIC:
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 01/26/2010
 Global Id: SL0600197637
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Lead Agency Case Number: Not reported
 Latitude: 37.8136357994757
 Longitude: -122.29939085751
 Case Type: Cleanup Program Site
 Case Worker: MEJ
 Local Agency: Not reported
 RB Case Number: 01S0556
 File Location: Regional Board
 Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
 Potential Contaminants of Concern: * PAHs/PNAs, Lead, Arsenic
 Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

14TH STREET APARTMENTS (AKA IRON HORSE) (Continued)

S109521309

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

DEED:

Envirostor ID: SL0600197637
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 11/09/2009
File Name: Geotracker Land Use/Deed Restrictions

CERS TANKS:

Site ID: 213874
CERS ID: SL0600197637
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MARK JOHNSON - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

112
NW
1/4-1/2
0.471 mi.
2485 ft.

OAKLAND ARMY BASE-EARLY TRANSFER
700 MURMANSK STREET, SUITE 3
OAKLAND, CA 94607

RESPONSE S106568695
ENVIROSTOR N/A
HIST Cal-Sites
DEED

Relative:
Lower
Actual:
11 ft.

AWP:

AWP Facility ID: 01970016
Region Code: 2
Region: BERKELEY
SMBR Branch Code: NO
SMBR Branch Unit: OMF-NORTHERN CALIF
Site Name.: OAKLAND GATEWAY DEVELOPMENT AREA
Current Status Date: 07142004
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: Closed military facility
Awp Site Type: CLOSED MILITARY BASE
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: HWONG
Supervisor Responsible: Not reported
SIC Code: 97
Facility SIC: NATIONAL SECURITY/INTERNATIONAL AFFAIRS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

RWQCB Code: Not reported
RWQCB Associated With Site: Not reported
Site Access Controlled: Not reported
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 16
State Senate District: 09

RESPONSE:

Facility ID: 1970016
Site Type: State Response
Site Type Detail: Closed Base
Acres: 363.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Site Code: 202116
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Active
Status Date: 07/14/2004
Restricted Use: YES
Funding: BRAC 95
Latitude: 37.81033
Longitude: -122.3120
APN: NONE SPECIFIED
Past Use: BATTERY STORAGE, DEGREASING FACILITY, DISTRIBUTOR - CHEMICAL, DRY CLEANING, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, FUEL HYDRANT PUMPING STATIONS, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, ILLEGAL DUMPING, MACHINE SHOP, OIL/WATER SEPARATORS, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RAIL ROAD MAINTENANCE SHOP, RECYCLING - DRUM, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RECYCLING - USED OIL , SHIPYARD - TERMINAL, VEHICLE MAINTENANCE, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, ILLEGAL DUMPING, UNKNOWN, TRANSPORTATION - WAREHOUSING, TRANSFER STATION, MACHINE SHOP, OIL/WATER SEPARATORS, UNDERGROUND STORAGE TANKS, TRANSPORTATION - WAREHOUSING, FUEL - VEHICLE STORAGE/ REFUELING, FOUNDRY, ILLEGAL DUMPING, LANDFILL - HAZARDOUS WASTE, MANUFACTURED GAS PLANT, OIL FIELD, UNKNOWN, PORT, TRANSPORTATION - PIPELINE, RAILROAD RIGHT OF WAY, LDF, MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - OTHER, PORT, SHIPYARD - SHIP BUILDING/REPAIR, UNKNOWN, OFFICE BUILDING, RECREATION SERVICES, UTILITY - ELECTRIC, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, UNDERGROUND STORAGE TANKS, DISTRIBUTOR - CHEMICAL, TRANSFER STATION, MACHINE SHOP, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, UNKNOWN,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

Potential COC : ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, FUEL TERMINALS, TRANSFER STATION, RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Acid Mine Drainage (pH <6.5 Dioxin (as 2,3,7,8-TCDD TEQ Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Arsenic Benzene Chlordane DDD DDE DDT Endrin Tetrachloroethylene (PCE Toxaphene 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Dieldrin Mercury (elemental TPH-JET FUEL Copper and compounds Mercury and compounds Selenium Zinc Asbestos Containing Materials (ACM Cadmium and compounds Methyl tertbutyl ether (MTBE Ethylbenzene Toluene Xylenes Polynuclear aromatic hydrocarbons (PAHs Benzo[a]pyrene 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Under Investigation

Confirmed COC: Arsenic Benzene Chlordane DDD DDE DDT Endrin Lead TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride TPH-MOTOR OIL 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Polychlorinated biphenyls (PCBs Methyl tertbutyl ether (MTBE Ethylbenzene Xylenes Toluene Acid Mine Drainage (pH <6.5 Polynuclear aromatic hydrocarbons (PAHs Dioxin (as 2,3,7,8-TCDD TEQ Mercury (elemental Selenium Mercury and compounds Copper and compounds Zinc 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30009-NO 30010-NO 30014-NO 30019-NO 30025-NO 3002501-NO Asbestos Containing Materials (ACM Cadmium and compounds Polynuclear aromatic hydrocarbons (PAHs Benzo[a]pyrene Under Investigation

Potential Description: OTH, SED, SOIL, IA, OTH, SV, OTH, SOIL, SV, IA, OTH, SV, OTH, SOIL, SED, SOIL, SURFW, OTH, SOIL, OTH, SOIL, CSS, SOIL, SOIL, SOIL, CSS, OTH, SOIL, OTH, SOIL

Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 1970016
Status: Active
Status Date: 07/14/2004
Site Code: 202116
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 363.5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: BRAC 95
Latitude: 37.81033
Longitude: -122.3120
APN: NONE SPECIFIED
Past Use: BATTERY STORAGE, DEGREASING FACILITY, DISTRIBUTOR - CHEMICAL, DRY CLEANING, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, FUEL HYDRANT PUMPING STATIONS, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, ILLEGAL DUMPING, MACHINE SHOP, OIL/WATER SEPARATORS, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RAIL ROAD MAINTENANCE SHOP, RECYCLING - DRUM, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RECYCLING - USED OIL , SHIPYARD - TERMINAL, VEHICLE MAINTENANCE, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, ILLEGAL DUMPING, UNKNOWN, TRANSPORTATION - WAREHOUSING, TRANSFER STATION, MACHINE SHOP, OIL/WATER SEPARATORS, UNDERGROUND STORAGE TANKS, TRANSPORTATION - WAREHOUSING, FUEL - VEHICLE STORAGE/ REFUELING, FOUNDRY, ILLEGAL DUMPING, LANDFILL - HAZARDOUS WASTE, MANUFACTURED GAS PLANT, OIL FIELD, UNKNOWN, PORT, TRANSPORTATION - PIPELINE, RAILROAD RIGHT OF WAY, LDF, MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - OTHER, PORT, SHIPYARD - SHIP BUILDING/REPAIR, UNKNOWN, OFFICE BUILDING, RECREATION SERVICES, UTILITY - ELECTRIC, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, UNDERGROUND STORAGE TANKS, DISTRIBUTOR - CHEMICAL, TRANSFER STATION, MACHINE SHOP, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, UNKNOWN, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, FUEL TERMINALS, TRANSFER STATION, RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Potential COC: Acid Mine Drainage (pH <6.5 Dioxin (as 2,3,7,8-TCDD TEQ Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Arsenic Benzene Chlordane DDD DDE DDT Endrin Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Dieldrin Arsenic Benzene Chlordane DDD DDE DDT Endrin Lead TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Arsenic DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL Copper and compounds Mercury and compounds Selenium Zinc Arsenic Lead Polychlorinated biphenyls (PCBs TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Arsenic Asbestos Containing Materials (ACM Chlordane DDD DDE DDT Dioxin (as 2,3,7,8-TCDD TEQ Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL Arsenic Asbestos Containing Materials (ACM Lead

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL Cadmium and compounds Copper and compounds Mercury and compounds Zinc Benzene Methyl tertbutyl ether (MTBE TPH-diesel TPH-gas TPH-MOTOR OIL Ethylbenzene Toluene Xylenes Polychlorinated biphenyls (PCBs Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Polynuclear aromatic hydrocarbons (PAHs Benzo[a]pyrene Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Under Investigation Arsenic Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL

Confirmed COC: Arsenic Benzene Chlordane DDD DDE DDT Endrin Lead TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride TPH-MOTOR OIL Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Arsenic TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA TPH-MOTOR OIL Polychlorinated biphenyls (PCBs Trichloroethylene (TCE Vinyl chloride Lead Benzene Methyl tertbutyl ether (MTBE Ethylbenzene Xylenes TPH-diesel TPH-gas Toluene TPH-MOTOR OIL Acid Mine Drainage (pH <6.5 Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Polychlorinated biphenyls (PCBs Lead Dioxin (as 2,3,7,8-TCDD TEQ DDD DDE DDT Endrin Lead Mercury (elemental Polynuclear aromatic hydrocarbons (PAHs Selenium Mercury and compounds Copper and compounds Zinc Polychlorinated biphenyls (PCBs 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30009-NO 30010-NO Lead 30014-NO 30019-NO TPH-diesel 30025-NO 3002501-NO TPH-MOTOR OIL Asbestos Containing Materials (ACM Polychlorinated biphenyls (PCBs Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel 30025-NO Mercury and compounds Cadmium and compounds Copper and compounds Zinc 3002501-NO TPH-MOTOR OIL Asbestos Containing Materials (ACM Polychlorinated biphenyls (PCBs Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Polynuclear aromatic hydrocarbons (PAHs TPH-MOTOR OIL Benzo[a]pyrene Arsenic Lead Mercury (elemental Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Under Investigation Polychlorinated biphenyls (PCBs

Potential Description: OTH, SED, SOIL, IA, OTH, SV, OTH, SOIL, SV, IA, OTH, SV, OTH, SOIL, SED, SOIL, SURFW, OTH, SOIL, OTH, SOIL, CSS, SOIL, SOIL, SOIL, CSS, OTH, SOIL, OTH, SOIL

Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

Calsite:
Region: BERKELEY
Facility ID: 01970016
Facility Type: CLOSE
Type: CLOSED MILITARY BASE
Branch: NO
Branch Name: OMF-NORTHERN CALIF
File Name: OAKLAND GATEWAY DEVELOPMENT AREA
State Senate District: 07142004
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 97
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: HWONG
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01970016
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: RMP
Proposed Budget: 0
AWP Completion Date: 06302013
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: DES
Activity Name: DESIGN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

AWP Code: RMP
Proposed Budget: 0
AWP Completion Date: 06302013
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: US11A
Proposed Budget: 0
AWP Completion Date: 06302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: B99GW
Proposed Budget: 0
AWP Completion Date: 06302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: B808
Proposed Budget: 0
AWP Completion Date: 06302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: B99SO
Proposed Budget: 0
AWP Completion Date: 06302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: DES
Activity Name: DESIGN
AWP Code: B807
Proposed Budget: 0
AWP Completion Date: 06302006
Revised Due Date: Not reported
Comments Date: 06062005
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: DES
Activity Name: DESIGN
AWP Code: B808
Proposed Budget: 0
AWP Completion Date: 06302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: DES
Activity Name: DESIGN
AWP Code: B991
Proposed Budget: 0
AWP Completion Date: 08152005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

Revised Due Date:	08152005
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01970016
Activity:	DES
Activity Name:	DESIGN
AWP Code:	B99SO
Proposed Budget:	0
AWP Completion Date:	09302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01970016
Activity:	DES
Activity Name:	DESIGN
AWP Code:	B1
Proposed Budget:	0
AWP Completion Date:	06302005
Revised Due Date:	Not reported
Comments Date:	03302005
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970016
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: BSWD
Proposed Budget: 0
AWP Completion Date: 06302014
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 700 MURMANSK STREET, SUITE 3
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: ase which will be redeveloped by the City of Oakland with a variety of commercial and industrial uses as part of the Gateway Development Area. Also, close to 185 acres (plus roughly 56 acres of submerged lands) will be developed by the Port of Oakland for maritime, rail and other port activities as part of the Port Development Area. No residential uses will be allowed on the former Oakland Army Base property under the Amended Reuse Plan. The Amended Reuse Plan, draft RAP, and draft RMP are analyzed in the former Oakland Army Base Area Redevelopment Environmental Impact Report pursuant to the California Environmental Quality Act. The Army has been conducting site environmental investigations and selected remedial actions since 1989. DTSC is the primary agency overseeing the investigation and cleanup of the former Oakland Army Base, and the Regional Water Quality Control Board, San Francisco Bay Region regulates the removal and closure of petroleum fuel tanks. The Army's remedial activities have included removal of above ground petroleum storage tanks (ASTs) and underground petroleum storage tanks (USTs), excavation of contaminated soil and removed petroleum hydrocarbons from monitoring wells at former tank locations, excavation of pesticide-containing soil from the off-site wetlands area, and replacement of many transformers and electrical equipment containing polychlorinated biphenyls (PCBs).

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

On August 6, 2003, Governor Davis approved Early Transfer of the former Oakland Army Base to the City of Oakland. The U.S. Army requested that the State of California approve the deferral of remediation of hazardous substance contamination and approve the transfer of the 363.5 acre base to the Oakland Base Reuse Authority and the City of Oakland acting by and through the Oakland Redevelopment Agency via an Economic Development Conveyance process. The City of Oakland will begin remediation of hazardous substances in soil and groundwater as required in the Remedial Action Plan (RAP). The early transfer advances economic development for Oakland and the region by integrating redevelopment with remediation. The RAP identifies preferred alternatives at seven sites which have been fully investigated and characterized for release of hazardous substances and for which remediation would proceed upon final approval of the RAP. The Risk Management Plan (RMP), which is an appendix to the RAP, addresses all other areas of known or potential contamination, which may not yet have been fully investigated or characterized. The RMP specifies health protective measures that must be followed during and after redevelopment at these locations. The RMP includes protocols for conducting inspections, performing routine sampling, maintaining institutional and engineering controls, elevating RMP location to RAP sites as appropriate, and fulfilling reporting obligations. The former Oakland Army Base comprises of approximately 425 acres. Much of the base property was originally tidal flats or shallow open water. During the first half of 1900s, the area was filled to create the lands subsequently acquired by the Army 1941. The former Oakland Army Base served as a major Army cargo port and warehousing facility from 1941 until it was closed under the Base Realignment and Closure program on September 30, 1999. Army activities supported the former Oakland Army Base's primary military mission as a distribution center and included maintaining and fueling railroad locomotive engines and trucks that transported cargo, draining fluids from vehicles for overseas shipment, and repairing and servicing vehicles equipment, and base facilities. The Amended Draft final Reuse Plan for the Oakland Army Base, Dated July 23, 2001 (Amended Reuse Plan), includes about 189 acres of the former Oakland Army B

Comments Date: 03302005
Comments: DTSC accepted the PDIM.
Comments Date: 04272005
Comments: DTSC approved the PDIM for Bldg 99 Soil.
Comments Date: 06062005
Comments: DTSC approved the PDIM for Bldg 991.
ID Name: CALSTARS CODE
ID Value: 201537
Alternate Name: EDC Area
Alternate Name: FORMER OAKLAND ARMY BASE
Alternate Name: Oakland Gateway Development Area
Alternate Name: Oakland Army Base-Economic Development C
Alternate Name: Oakland Army Base-Early Transfer
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:
Envirostor ID: 1970016
Area: BASEWIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE-EARLY TRANSFER (Continued)

S106568695

Sub Area: Not reported
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

AD113
ENE
1/4-1/2
0.487 mi.
2569 ft.

COCA COLA
1340 MANDELA
OAKLAND, CA 94607
Site 1 of 2 in cluster AD

LUST S106568709
Alameda County CS N/A
CERS

Relative:
Higher
Actual:
19 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100398
Global Id: T0600100398
Latitude: 37.8113591
Longitude: -122.291089
Status: Completed - Case Closed
Status Date: 02/18/1998
Case Worker: Not reported
RB Case Number: 01-0438
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001205
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600100398
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600100398
Action Type: REMEDIATION
Date: 09/21/1993
Action: Pump & Treat (P&T) Groundwater

Global Id: T0600100398
Action Type: Other
Date: 02/12/1991
Action: Leak Reported

LUST:
Global Id: T0600100398
Status: Completed - Case Closed
Status Date: 02/18/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCA COLA (Continued)

S105688709

Global Id: T0600100398
Status: Open - Case Begin Date
Status Date: 02/12/1991

LUST REG 2:

Region: 2
Facility Id: 01-0438
Facility Status: Case Closed
Case Number: 3785
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 3/26/1991
Pollution Characterization Began: 8/13/1991
Pollution Remediation Plan Submitted: 12/6/1991
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed
Record Id: RO0001205
PE: 5602
Facility Status: Case Closed
Latitude: 37.810161447
Longitude: -122.2913502

CERS TANKS:

Site ID: 190032
CERS ID: T0600100398
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AD114
ENE
1/4-1/2
0.494 mi.
2606 ft.

COCA COLA
1340 CYPRESS
OAKLAND, CA 94607

Site 2 of 2 in cluster AD

HIST CORTESE

S102428184
N/A

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0438

Actual:
18 ft.

AE115
ESE
1/4-1/2
0.500 mi.
2639 ft.

UNION PACIFIC RAILROAD - 5TH AND UNION ST
CROSS 5TH & UNION
OAKLAND, CA 94615

Site 1 of 2 in cluster AE

CPS-SLIC
NON-CASE INFO

S106235215
N/A

Relative:
Lower

SLIC REG 2:
Region: 2
Facility ID: SL20246864
Facility Status: Not reported
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Actual:
14 ft.

NON-CASE INFO:

Global ID: SL20246864
Case Type: Non-Case Information
Status: Informational Item
Status Date: 06/04/2009
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: Not reported
RB Case Number: SL20246864
Loc Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported
Begin Date: 1995-01-26 00:00:00
How Discovered: Not reported
How Discovered Description: Not reported
Stop Method: Not reported
Stop Description: Not reported
Latitude: 37.8036468419017
Longitude: -122.290931940079
Geotracker: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL20246864

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

116
NNE
1/2-1
0.510 mi.
2694 ft.

BASF CORPORATION
1545 WILLOW STREET
OAKLAND, CA 94607

ENVIROSTOR
LUST
Alameda County CS
HIST UST
HIST CORTESE

S101629611
N/A

Relative:
Lower
Actual:
12 ft.

ENVIROSTOR:

Facility ID: 60000360
Status: Refer: RWQCB
Status Date: 03/27/2007
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.81381
Longitude: -122.2960
APN: 7-556-2
Past Use: MANUFACTURING - OTHER
Potential COC: TPH-diesel TPH-gas Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans 1,2-Dichloroethylene (trans
Confirmed COC: TPH-diesel TPH-gas Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Potential Description: OTH, SOIL
Alias Name: 7-556-2
Alias Type: APN
Alias Name: SLT19763584
Alias Type: GeoTracker Global ID
Alias Name: T0600100141
Alias Type: GeoTracker Global ID
Alias Name: 60000360
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/27/2007
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORPORATION (Continued)

S101629611

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT19763584
Global Id: SLT19763584
Latitude: 37.813624
Longitude: -122.295792
Status: Completed - Case Closed
Status Date: 11/04/1994
Case Worker: Not reported
RB Case Number: NA
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0002956
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Not reported

LUST:

Global Id: SLT19763584
Action Type: Other
Date: 03/22/1990
Action: Leak Discovery

Global Id: SLT19763584
Action Type: Other
Date: 03/22/1990
Action: Leak Reported

LUST:

Global Id: SLT19763584
Status: Completed - Case Closed
Status Date: 11/04/1994

Global Id: SLT19763584
Status: Open - Case Begin Date
Status Date: 03/22/1990

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100141
Global Id: T0600100141
Latitude: 37.81382
Longitude: -122.296089
Status: Completed - Case Closed
Status Date: 11/04/1994
Case Worker: UUU
RB Case Number: 01-0152
Local Agency: Not reported
File Location: Not reported
Local Case Number: 01-0152
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: * Solvents
Site History: Not reported

LUST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORPORATION (Continued)

S101629611

Global Id: T0600100141
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600100141
Action Type: Other
Date: 03/22/1990
Action: Leak Stopped

Global Id: T0600100141
Action Type: ENFORCEMENT
Date: 11/04/1994
Action: Closure/No Further Action Letter

Global Id: T0600100141
Action Type: Other
Date: 03/22/1990
Action: Leak Discovery

Global Id: T0600100141
Action Type: Other
Date: 03/22/1990
Action: Leak Reported

LUST:

Global Id: T0600100141
Status: Completed - Case Closed
Status Date: 11/04/1994

Global Id: T0600100141
Status: Open - Case Begin Date
Status Date: 03/22/1990

Alameda County CS:

Status: Case Closed
Record Id: RO0002956
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

HIST UST:

File Number: 0003604A
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0003604A.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORPORATION (Continued)

S101629611

Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0152

AE117 CONDON FREIGHT
ESE 324 UNION ST
1/2-1 OAKLAND, CA 94607
0.514 mi.
2714 ft. Site 2 of 2 in cluster AE

Relative:
Lower

Actual:
14 ft.

ENVIROSTOR 1000191295
LUST N/A
Alameda County CS
VCP
SWEEPS UST
HIST UST
CA FID UST
HIST CORTESE
CERS

ENVIROSTOR:

Facility ID: 1420126
Status: No Further Action
Status Date: 10/01/1998
Site Code: 200465
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.8017
Longitude: -122.2913
APN: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONDON FREIGHT (Continued)

1000191295

Past Use: VEHICLE MAINTENANCE
Potential COC: * HYDROCARBON SOLVENTS * CONTAMINATED SOIL Arsenic Lead Cadmium and compounds
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported
Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101200
Global Id: T0600101200
Latitude: 37.8020027
Longitude: -122.2912125
Status: Completed - Case Closed
Status Date: 11/06/1997
Case Worker: Not reported
RB Case Number: 01-1305
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000989
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Global Id: T0600101200
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101200
Action Type: REMEDIATION
Date: 05/05/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONDON FREIGHT (Continued)

1000191295

Action: Excavation

Global Id: T0600101200
Action Type: Other
Date: 04/12/1993
Action: Leak Reported

LUST:
Global Id: T0600101200
Status: Completed - Case Closed
Status Date: 11/06/1997

Global Id: T0600101200
Status: Open - Case Begin Date
Status Date: 04/12/1993

LUST REG 2:
Region: 2
Facility Id: 01-1305
Facility Status: Case Closed
Case Number: 1741
How Discovered: Subsurface Monitoring
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 6/14/1995
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000989
PE: 5602
Facility Status: Case Closed
Latitude: 37.801672502
Longitude: -122.29114611

VCP:
Facility ID: 1420126
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONDON FREIGHT (Continued)

1000191295

Site Code: 200465
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 10/01/1998
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.8017 / -122.2913
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: 10009, 10097, 30001, 30013, 30108
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 42073
Number: Not reported
Board Of Equalization: 44-000414
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-042073-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 5

Status: Not reported
Comp Number: 42073
Number: Not reported
Board Of Equalization: 44-000414
Referral Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONDON FREIGHT (Continued)

1000191295

Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-042073-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 42073
Number: Not reported
Board Of Equalization: 44-000414
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-042073-000003
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: NEW MOTOR OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 42073
Number: Not reported
Board Of Equalization: 44-000414
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-042073-000004
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 42073
Number: Not reported
Board Of Equalization: 44-000414
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-042073-000005
Tank Status: Not reported
Capacity: 500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONDON FREIGHT (Continued)

1000191295

Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: STODDARD SOL
Number Of Tanks: Not reported

HIST UST:

File Number: 000364C4
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000364C4.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 01000581
Regulated By: UTNKA
Regulated ID: 00042073
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4157636628
Mail To: Not reported
Mailing Address: 324 UNION ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94607
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01420126

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONDON FREIGHT (Continued)

1000191295

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1305

CERS TANKS:

Site ID: 227709
CERS ID: T0600101200
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

118
SE
1/2-1
0.523 mi.
2761 ft.

AMTRAK MAINTENANCE FACILITY
3RD & UNION STREETS
OAKLAND, CA 94607

ENVIROSTOR **S104549015**
VCP **N/A**
DEED

Relative:
Lower
Actual:
12 ft.

ENVIROSTOR:

Facility ID: 1400014
Status: Certified / Operation & Maintenance
Status Date: 06/30/2011
Site Code: 201301
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 18
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80138
Longitude: -122.2913
APN: 000-0390-003, 000-0390-005, 000-0390-006, 000-0390-010-3, 004-0025-008, 004-0025-009
Past Use: RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC: Arsenic Lead TPH-diesel TPH-MOTOR OIL PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254 Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC: Arsenic Lead PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254 Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-MOTOR OIL
Potential Description: SOIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMTRAK MAINTENANCE FACILITY (Continued)

S104549015

Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1400014
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 18
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201301
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified / Operation & Maintenance
Status Date: 06/30/2011
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.80138 / -122.2913
APN: 000-0390-003, 000-0390-005, 000-0390-006, 000-0390-010-3, 004-0025-008, 004-0025-009
Past Use: RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC: 30001, 30013, 30024, 3002502, 30470, 30472
Confirmed COC: 30001,30013,30470,30472,30024,3002502
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMTRAK MAINTENANCE FACILITY (Continued)

S104549015

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

DEED:

Envirostor ID: 1400014
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

119
East
1/2-1
0.523 mi.
2761 ft.

PALM COURT
902 UNION STREET
OAKLAND, CA 94612

ENVIROSTOR **S106568180**
VCP **N/A**

Relative:
Higher
Actual:
22 ft.

ENVIROSTOR:

Facility ID: 1990027
Status: No Further Action
Status Date: 03/14/2005
Site Code: 201557
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Janet Naito
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.8069
Longitude: -122.2892
APN: 4-41-002, 4-41-003, 4-41-004, 4-41-005, 4-41-006, 4-41-007, 4-41-008, 4-41-009, 4-41-010, 4-41-012, 4-41-013
Past Use: RESIDENTIAL AREA
Potential COC: Chlordane Lead
Confirmed COC: Chlordane Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PALM COURT (Continued)

S106568180

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1990027
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.25
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Janet Naito
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 201557
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 03/14/2005
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.8069 / -122.2892
APN: 4-41-002, 4-41-003, 4-41-004, 4-41-005, 4-41-006, 4-41-007, 4-41-008,
4-41-009, 4-41-010, 4-41-012, 4-41-013
Past Use: RESIDENTIAL AREA
Potential COC: 30004, 30013
Confirmed COC: 30004,30013
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PALM COURT (Continued)

S106568180

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

120
NE
1/2-1
0.555 mi.
2933 ft.

MANNYSERVICES/MCKINNEY GAS
1600 PERALTA
OAKLAND, CA 94607

ENVIROSTOR **S102860814**
N/A

Relative:
Lower
Actual:
13 ft.

ENVIROSTOR:
Facility ID: 1750027
Status: Refer: Other Agency
Status Date: 10/02/1997
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.81284
Longitude: -122.2925
APN: 5-396-3
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

MANNYSERVICES/MCKINNEY GAS (Continued)

S102860814

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

121
NE
1/2-1
0.558 mi.
2947 ft.

**1614 CAMPBELL ST
1614 CAMPBELL ST
OAKLAND, CA 94610**

**RCRA-LQG
ENVIROSTOR
Alameda County CS
VCP
FINDS
ECHO**

**1001217518
CAR000036111**

**Relative:
Lower**

RCRA-LQG:

**Actual:
12 ft.**

Date form received by agency: 12/29/2009
Facility name: 1614 CAMPBELL ST
Facility address: 1614 CAMPBELL ST
OAKLAND, CA 94610
EPA ID: CAR000036111
Mailing address: 409 13TH ST
STE 800
OAKLAND, CA 94610
Contact: FRANK E FLORES
Contact address: 409 13TH ST STE 800
OAKLAND, CA 94610
Contact country: US
Contact telephone: 510-452-2944
Telephone ext.: 16
Contact email: FRANK@MPFCORP.COM
EPA Region: 09
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 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: 1614 CAMPBELL ST LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
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: 01/01/2006
Owner/Op end date: Not reported

Owner/operator name: 1614 CAMPBELL ST LLC
Owner/operator address: 409 13TH ST NO 800

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

OAKLAND, CA 94610
Owner/operator country: US
Owner/operator telephone: 510-452-2944
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: 01/01/2006
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: 151
- . Waste name: Asbestos-containing waste

- . Waste code: 181
- . Waste name: Other inorganic solid waste

- . Waste code: D008
- . Waste name: LEAD

Historical Generators:

Date form received by agency: 02/10/1998
Site name: RELIANCE PRODUCTS INC
Classification: Small Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 70000082
Status: Certified
Status Date: 03/09/2011
Site Code: 201876
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.45
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Allan Fone
Supervisor: Daniel Murphy
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81344
Longitude: -122.2934
APN: 007-0560-001-02, 7-560-1-2
Past Use: MANUFACTURING - OTHER
Potential COC: TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC: TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: Greitzer Parcel
Alias Type: Alternate Name
Alias Name: Greitzer Property
Alias Type: Alternate Name
Alias Name: 007-0560-001-02
Alias Type: APN
Alias Name: 7-560-1-2
Alias Type: APN
Alias Name: 110002920876
Alias Type: EPA (FRS #)
Alias Name: SL0600145137
Alias Type: GeoTracker Global ID
Alias Name: 201619
Alias Type: Project Code (Site Code)
Alias Name: 201876
Alias Type: Project Code (Site Code)
Alias Name: 70000082
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/10/2006
Comments: VCA fully executed 1/10/2006. Scope of work is document review and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

RI/FS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 10/19/2007
Comments: First Amendment to VCA executed on 10/19/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/30/2008
Comments: Based on comments received on draft RAW and draft Notice of Exemption (NOE), no changes are needed. NOE approved 7/30/08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/09/2011
Comments: Certification of Remediation Action completed 3/9/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/13/2009
Comments: Annual update letter revised and mailed out 8/13/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/27/2006
Comments: Review of Final RI Workplan completed and approved. Approval letter sent 6/27/06.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/10/2006
Comments: RI fieldwork started 7/5/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/08/2007
Comments: Final DTSC letter accepting remedial investigation (RI) mailed 8/8/07. Complete RI report consists of Report of Remedial Investigation (dated 8-7-06) and Report of Additional Remedial Investigation Activities (dated 6-22-7). DTSC letter requested submittal of draft Remedial Action Workplan by 9/7/07 and comments on updated draft VCA amendment by 8/23/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 07/05/2006
Comments: Revised site specific health and safety plan received by email 6/30/2006.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/03/2007
Comments: Community profile OK'd by supervisor and approved by PPS 4/3/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/31/2008
Comments: RAW approved 7/30/08. Approval letter sent to project proponent 7/31/08. RAW to be finalized and submitted to DTSC and West Oakland Library.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/23/2008
Comments: Fact sheet approved 5/23/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/15/2008
Comments: Public Notice finished and approved 5/15/08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/15/2008
Comments: Second Amendment to Voluntary Cleanup Agreement fully executed on 7/15/08 and mailed to Responsible Parties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/21/2009
Comments: Letters sent to RPs on 10/21/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/25/2011
Comments: Demand letters to Market Holdings LLC and 1614 Campbell St LLC. Responsible parties previous made payments, but balances are still due.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/15/2010
Comments: Letter from DTSC Office of Legal Counsel to Market Holdings, LLC regarding 10 past due invoices.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

Completed Date: 01/29/2013
Comments: Closeout memos completed 1/29/13. Site accounts are fully paid with no outstanding balance remaining.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/13/2005
Comments: Letter from consultant requesting regulatory oversight from DTSC or RWQCB

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/22/2010
Comments: Removal action completed on 10/22/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/09/2011
Comments: Removal Action Completion Report approved 3/9/11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 02/07/2013
Comments: Letters were sent to Market Holdings, LLC, and 1614 Campbell Street, LLC, concerning termination of the Voluntary Cleanup Agreement (VCA). All activities in the Scope of Work of the VCA and its amendments have been completed. Cost recovery is finished.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/05/2005
Comments: Existing site-related reports and correspondence prior to DTSC involvement.

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

Alameda County CS:

Status: 11
Record Id: RO0002613
PE: 5502
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

Status: Preliminary Site Assessment Underway
Record Id: RO0002613
PE: 5502
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

VCP:

Facility ID: 70000082
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.45
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Allan Fone
Supervisor: Daniel Murphy
Division Branch: Cleanup Berkeley
Site Code: 201876
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 03/09/2011
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.81344 / -122.2934
APN: 007-0560-001-02, 7-560-1-2
Past Use: MANUFACTURING - OTHER
Potential COC: 30024, 30025, 3002502
Confirmed COC: 30024,30025,3002502
Potential Description: OTH, SOIL
Alias Name: Greitzer Parcel
Alias Type: Alternate Name
Alias Name: Greitzer Property
Alias Type: Alternate Name
Alias Name: 007-0560-001-02
Alias Type: APN
Alias Name: 7-560-1-2
Alias Type: APN
Alias Name: 110002920876
Alias Type: EPA (FRS #)
Alias Name: SL0600145137
Alias Type: GeoTracker Global ID
Alias Name: 201619
Alias Type: Project Code (Site Code)
Alias Name: 201876
Alias Type: Project Code (Site Code)
Alias Name: 70000082
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

Completed Date: 01/10/2006
Comments: VCA fully executed 1/10/2006. Scope of work is document review and RI/FS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
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Completed Sub Area Name: Not reported
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Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/09/2011
Comments: Certification of Remediation Action completed 3/9/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/13/2009
Comments: Annual update letter revised and mailed out 8/13/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/27/2006
Comments: Review of Final RI Workplan completed and approved. Approval letter sent 6/27/06.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/10/2006
Comments: RI fieldwork started 7/5/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/08/2007
Comments: Final DTSC letter accepting remedial investigation (RI) mailed 8/8/07. Complete RI report consists of Report of Remedial Investigation (dated 8-7-06) and Report of Additional Remedial Investigation Activities (dated 6-22-7). DTSC letter requested submittal of draft Removal Action Workplan by 9/7/07 and comments on updated draft VCA amendment by 8/23/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 07/05/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

Comments: Revised site specific health and safety plan received by email 6/30/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/03/2007
Comments: Community profile OK'd by supervisor and approved by PPS 4/3/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/31/2008
Comments: RAW approved 7/30/08. Approval letter sent to project proponent 7/31/08. RAW to be finalized and submitted to DTSC and West Oakland Library.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/23/2008
Comments: Fact sheet approved 5/23/08

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
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Completed Date: 05/15/2008
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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/15/2008
Comments: Second Amendment to Voluntary Cleanup Agreement fully executed on 7/15/08 and mailed to Responsible Parties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/21/2009
Comments: Letters sent to RPs on 10/21/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/25/2011
Comments: Demand letters to Market Holdings LLC and 1614 Campbell St LLC. Responsible parties previous made payments, but balances are still due.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/15/2010
Comments: Letter from DTSC Office of Legal Counsel to Market Holdings, LLC regarding 10 past due invoices.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/29/2013
Comments: Closeout memos completed 1/29/13. Site accounts are fully paid with no outstanding balance remaining.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/13/2005
Comments: Letter from consultant requesting regulatory oversight from DTSC or RWQCB

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/22/2010
Comments: Removal action completed on 10/22/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/09/2011
Comments: Removal Action Completion Report approved 3/9/11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 02/07/2013
Comments: Letters were sent to Market Holdings, LLC, and 1614 Campbell Street, LLC, concerning termination of the Voluntary Cleanup Agreement (VCA). All activities in the Scope of Work of the VCA and its amendments have been completed. Cost recovery is finished.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/05/2005
Comments: Existing site-related reports and correspondence prior to DTSC involvement.

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

FINDS:

Registry ID: 110002920876

Environmental Interest/Information System

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1614 CAMPBELL ST (Continued)

1001217518

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.

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.

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: 1001217518
 Registry ID: 110002920876
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002920876>

AF122
ENE
1/2-1
0.565 mi.
2984 ft.

AUTO CHLOR PROJ
1350 14TH ST
OAKLAND, CA 94607
Site 1 of 2 in cluster AF

ENVIROSTOR **S121621688**
CIWQS **N/A**

Relative:
Higher
Actual:
18 ft.

ENVIROSTOR:
 Facility ID: 60002513
 Status: Active
 Status Date: 06/19/2017
 Site Code: Not reported
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: 0.5
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO CHLOR PROJ (Continued)

S121621688

Latitude: 37.81095
Longitude: -122.2894
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 60002513
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/11/2017
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

CIWQS:

Agency: Jerry Ivy Property Trust
Agency Address: 450 Ferguson Dr, Mountain View, CA 94043
Place/Project Type: Construction - Industrial
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 99-08DW
WDID: 2 01C355078
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 04/14/2009
Termination Date: 11/16/2009
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: Not reported
Longitude: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

123
NNE
1/2-1
0.574 mi.
3030 ft.

ACME GALVANIZING
1655 17TH
OAKLAND, CA 94607

ENVIROSTOR
CPS-SLIC
Alameda County CS
CERS

S100854038
N/A

Relative:
Lower
Actual:
12 ft.

ENVIROSTOR:
 Facility ID: 60002571
 Status: Active
 Status Date: 10/23/2017
 Site Code: 202164
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: 1.1
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Nancy Tu
 Supervisor: Daniel Murphy
 Division Branch: Cleanup Berkeley
 Assembly: , 18
 Senate: , 09
 Special Program: EPA - PASI
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: EPA Grant
 Latitude: 37.81422
 Longitude: -122.2943
 APN: 007 055900102, 007 055900400, 007 055900500, 007 055900600
 Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, METAL PLATING - OTHER, OFFICE BUILDING, HAZARDOUS WASTE TREATMENT
 Potential COC: Total Chromium (1:6 ratio Cr VI:Cr III Lead Cadmium and compounds Hydrochloric Acid (Hydrogen Chloride Sulfuric Acid Zinc
 Confirmed COC: NONE SPECIFIED
 Potential Description: SOIL
 Alias Name: 007 055900102
 Alias Type: APN
 Alias Name: 007 055900400
 Alias Type: APN
 Alias Name: 007 055900500
 Alias Type: APN
 Alias Name: 007 055900600
 Alias Type: APN
 Alias Name: 202164
 Alias Type: Project Code (Site Code)
 Alias Name: 60002571
 Alias Type: Envirostor ID Number

Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: PA/SI Site Screening
 Completed Date: 06/13/2018
 Comments: DTSC submitted the PA/SI screening within USEPA's SPLASH system on 6/13/2018.
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME GALVANIZING (Continued)

S100854038

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:

Region: STATE
Facility Status: Open - Assessment & Interim Remedial Action
Status Date: 08/31/2001
Global Id: T10000001503
Lead Agency: US ENVIRONMENTAL PROTECTION AGENCY
Lead Agency Case Number: RO0002777
Latitude: 37.814183
Longitude: -122.294455
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Other Acid or Corrosive, Lead
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0002777
PE: 5502
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: 11
Record Id: RO0002777
PE: 5502
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

CERS TANKS:

Site ID: 196606
CERS ID: T10000001503
CERS Description: Cleanup Program Site

AF124 CARNATION DAIRIES
ENE 1310 14TH STREET/1315 16TH STREET
1/2-1 OAKLAND, CA 94607

RESPONSE S108054490
ENVIROSTOR N/A
CERS

0.574 mi.
3030 ft. Site 2 of 2 in cluster AF

Relative: RESPONSE:
Higher Facility ID: 60000370
Site Type: State Response
Actual: Site Type Detail: State Response or NPL
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARNATION DAIRIES (Continued)

S108054490

Acres: 2.53
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY
Lead Agency Description: ALAMEDA COUNTY
Project Manager: Jovanne Villamater
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Refer: Other Agency
Status Date: 09/12/2006
Restricted Use: NO
Funding: Not Applicable
Latitude: 37.81113
Longitude: -122.2894
APN: 005-0375-002-01
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, MAINTENANCE / CLEANING
Potential COC : Benzene Tetrachloroethylene (PCE TPH-diesel TPH-gas
1,4-Dichlorobenzene 1,2-Dichloroethane (EDC Ethylbenzene Toluene
Xylenes
Confirmed COC: Toluene Tetrachloroethylene (PCE TPH-diesel TPH-gas
1,4-Dichlorobenzene 1,2-Dichloroethane (EDC Ethylbenzene Benzene
Xylenes
Potential Description: OTH, SOIL, SV
Alias Name: 005-0375-002-01
Alias Type: APN
Alias Name: 110033618486
Alias Type: EPA (FRS #)
Alias Name: T0600100262
Alias Type: GeoTracker Global ID
Alias Name: 60000370
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: 09/07/2006
Comments: Site screening concluded that contaminants remain in soil, soil gas,
and groundwater at the site. Historical distributions of contaminants
are generally consistent with on-site sources. Extent of
contamination appears fairly stable. ACDEH continues to oversee
cleanup at the site.
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/15/2006
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARNATION DAIRIES (Continued)

S108054490

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 60000370
Status: Refer: Other Agency
Status Date: 09/12/2006
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2.53
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY
Lead Agency: ALAMEDA COUNTY
Program Manager: Jovanne Villamater
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 37.81113
Longitude: -122.2894
APN: 005-0375-002-01
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, MAINTENANCE / CLEANING
Potential COC: Benzene Tetrachloroethylene (PCE TPH-diesel TPH-gas
1,4-Dichlorobenzene 1,2-Dichloroethane (EDC Ethylbenzene Toluene
Xylenes
Confirmed COC: Toluene Tetrachloroethylene (PCE TPH-diesel TPH-gas
1,4-Dichlorobenzene 1,2-Dichloroethane (EDC Ethylbenzene Benzene
Xylenes
Potential Description: OTH, SOIL, SV
Alias Name: 005-0375-002-01
Alias Type: APN
Alias Name: 110033618486
Alias Type: EPA (FRS #)
Alias Name: T0600100262
Alias Type: GeoTracker Global ID
Alias Name: 60000370
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: 09/07/2006
Comments: Site screening concluded that contaminants remain in soil, soil gas,
and groundwater at the site. Historical distributions of contaminants
are generally consistent with on-site sources. Extent of
contamination appears fairly stable. ACDEH continues to oversee
cleanup at the site.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARNATION DAIRIES (Continued)

S108054490

Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/15/2006
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

CERS TANKS:

Site ID: 335795
CERS ID: 60000370
CERS Description: State Response

Affiliation:

Affiliation Type Desc: Lead Project Manager
Entity Name: JOVANNE VILLAMATER
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: BERKELEY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor
Entity Name: MARK PIROS
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

125
ESE
1/2-1
0.590 mi.
3113 ft.

**WESTERN PACIFIC RAILROAD
UNION STREET
OAKLAND, CA 94607**

**ENVIROSTOR S102008220
VCP N/A
DEED**

**Relative:
Lower
Actual:
12 ft.**

ENVIROSTOR:
Facility ID: 1400008
Status: Certified / Operation & Maintenance
Status Date: 06/30/2011
Site Code: 201301
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.4
NPL: NO
Regulatory Agencies: SMBRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN PACIFIC RAILROAD (Continued)

S102008220

Lead Agency: SMBRP
Program Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80194
Longitude: -122.2902
APN: 0-390-5
Past Use: RAIL ROAD MAINTENANCE SHOP
Potential COC: * HYDROCARBON SOLVENTS * OTHER ORGANIC SOLIDS Lead
Confirmed COC: * HYDROCARBON SOLVENTS Lead * OTHER ORGANIC SOLIDS
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1400008
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201301
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified / Operation & Maintenance
Status Date: 06/30/2011
Restricted Use: YES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN PACIFIC RAILROAD (Continued)

S102008220

Funding: Responsible Party
Lat/Long: 37.80194 / -122.2902
APN: 0-390-5
Past Use: RAIL ROAD MAINTENANCE SHOP
Potential COC: 10009, 10064, 30013
Confirmed COC: 10009,30013,10064
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 1400008
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

AG126 NABISCO BRANDS INC
ENE 1267 14TH ST
1/2-1 OAKLAND, CA 94607
0.593 mi.
3130 ft. Site 1 of 2 in cluster AG

ENVIROSTOR S102434115
LUST N/A
Alameda County CS
HIST CORTESE
CERS

Relative: ENVIROSTOR:
Higher Facility ID: 60000369
Status: No Further Action
Actual: Status Date: 08/11/2006
20 ft. Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1.86
NPL: NO
Regulatory Agencies: SMBRP, ALAMEDA COUNTY
Lead Agency: ALAMEDA COUNTY
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NABISCO BRANDS INC (Continued)

S102434115

Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 37.80952
Longitude: -122.2889
APN: 004-0037-001-02, 004-0037-032-06
Past Use: MANUFACTURING - OTHER
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: 31000-NO
Potential Description: NMA
Alias Name: 004-0037-001-02
Alias Type: APN
Alias Name: 004-0037-032-06
Alias Type: APN
Alias Name: 110010488267
Alias Type: EPA (FRS #)
Alias Name: 60000369
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: 08/11/2006
Comments: Site screening concluded that UST-related remediation, overseen by ACDEH, was completed in 1992. Available data indicates that no COCs remain in soil or groundwater at levels of concern.

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

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100949
Global Id: T0600100949
Latitude: 37.8099549
Longitude: -122.2883577
Status: Completed - Case Closed
Status Date: 06/08/1993
Case Worker: Not reported
RB Case Number: 01-1028
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001166
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NABISCO BRANDS INC (Continued)

S102434115

Site History: Not reported

LUST:
Global Id: T0600100949
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600100949
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

Global Id: T0600100949
Action Type: Other
Date: 08/02/1988
Action: Leak Reported

LUST:
Global Id: T0600100949
Status: Completed - Case Closed
Status Date: 06/08/1993

Global Id: T0600100949
Status: Open - Case Begin Date
Status Date: 08/02/1988

LUST REG 2:
Region: 2
Facility Id: 01-1028
Facility Status: Case Closed
Case Number: 1249
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 12/7/1989
Preliminary Site Assessment Began: 4/17/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001166
PE: 5602
Facility Status: Case Closed
Latitude: 37.809983963

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NABISCO BRANDS INC (Continued)

S102434115

Longitude: -122.28869083

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1028

CERS TANKS:

Site ID: 230916
CERS ID: T0600100949
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**AG127
ENE
1/2-1
0.593 mi.
3130 ft.**

**NABISCO BRANDS, INC.
1267 14TH STREET
OAKLAND, CA 92626
Site 2 of 2 in cluster AG**

**Notify 65 U000057663
N/A**

**Relative:
Higher**

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

**Actual:
20 ft.**

**128
NNE
1/2-1
0.595 mi.
3139 ft.**

**WEST RECYCLER BIN STORAGE
1405 WOOD STREET
OAKLAND, CA 94607**

**ENVIROSTOR S102860820
N/A**

**Relative:
Lower**

ENVIROSTOR:
Facility ID: 1890018
Status: Refer: RWQCB
Status Date: 02/28/2001
Site Code: 201096
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay, CITY OF OAKLAND

**Actual:
12 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST RECYCLER BIN STORAGE (Continued)

S102860820

Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81553
Longitude: -122.2969
APN: 0-310-13, O-310-13
Past Use: EQUIPMENT/INSTRUMENT REPAIR, VEHICLE MAINTENANCE
Potential COC: Arsenic Lead Cadmium and compounds Molybdenum
Confirmed COC: Cadmium and compounds Molybdenum Arsenic Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported
Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

129
South
1/2-1
0.624 mi.
3295 ft.
Relative:
Lower
Actual:
8 ft.

SHEREX CHEM CO
1401 MIDDLE HARBOR RD
OAKLAND, CA 94607

SEMS-ARCHIVE 1000356959
ENVIROSTOR CAD990788168
CPS-SLIC
SWEEPS UST
HIST UST
CA FID UST
RCRA NonGen / NLR
FINDS
ECHO
HIST CORTESE

SEMS Archive:
Site ID: 903629
EPA ID: CAD990788168
Cong District: 8
FIPS Code: 6001
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Latitude: 37.808332999999999
Longitude: -122.28833299999999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEREX CHEM CO (Continued)

1000356959

SEMS Archive Detail:

Region: 9
Site ID: 903629
EPA ID: CAD990788168
Site Name: SHEREX CHEM CO
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1989-07-05 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 903629
EPA ID: CAD990788168
Site Name: SHEREX CHEM CO
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1987-12-01 00:00:00
Finish Date: 1987-12-01 00:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 9
Site ID: 903629
EPA ID: CAD990788168
Site Name: SHEREX CHEM CO
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1989-07-05 00:00:00
Qual: N
Current Action Lead: St Perf

ENVIROSTOR:

Facility ID: 1730096
Status: Refer: Local Agency
Status Date: 09/17/2009
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 5.5
NPL: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEREX CHEM CO (Continued)

1000356959

Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.79747
Longitude: -122.2981
APN: NONE SPECIFIED
Past Use: MANUFACTURING - CHEMICALS
Potential COC: * ORGANIC LIQUIDS WITH METALS * CONTAMINATED SOIL * DETERGENT & SOAP
* WASTE OIL & MIXED OIL * ALKALINE SOLUTION 2<PH<12.5, WITH METALS *
OTHER INORGANIC SOLID WASTE Lead Cadmium and compounds Chromium VI
Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC REG 2:

Region: 2
Facility ID: 01S0085
Facility Status: Preliminary site assessment underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: 6/16/1994
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEREX CHEM CO (Continued)

1000356959

SWEEPS UST:

Status: Not reported
Comp Number: 59372
Number: Not reported
Board Of Equalization: 44-000592
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-059372-000001
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 2

Status: Not reported
Comp Number: 59372
Number: Not reported
Board Of Equalization: 44-000592
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-059372-000002
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000059372
Facility Type: Other
Other Type: MANUFACTURING
Contact Name: R.W. FISHER, PLT MGR/F.W. TREF
Telephone: 4158323882
Owner Name: SHEREX CHEMICAL COMPANY, INC.
Owner Address: 1401 MIDDLE HARBOR ROAD
Owner City,St,Zip: OAKLAND, CA 94607
Total Tanks: 0002

Tank Num: 001
Container Num: U1
Year Installed: 1935
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEREX CHEM CO (Continued)

1000356959

Leak Detection: Visual

Tank Num: 002
Container Num: U2
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

CA FID UST:

Facility ID: 01002240
Regulated By: UTNKI
Regulated ID: 00059372
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158323882
Mail To: Not reported
Mailing Address: 1401 MIDDLE HARBOR RD
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94607
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

RCRA NonGen / NLR:

Date form received by agency: 08/18/1980
Facility name: SHEREX CHEMICAL COMPANY INC
Facility address: 1401 MIDDLE HARBOR RD
OAKLAND, CA 94607

EPA ID: CAD990788168
Mailing address: PO BOX 599
OAKLAND, CA 94604

Contact: ENVIRONMENTAL MANAGER
Contact address: 1401 MIDDLE HARBOR RD
OAKLAND, CA 94607

Contact country: US
Contact telephone: 415-832-3882
Contact email: Not reported
EPA Region: 09
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ASAG INC
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEREX CHEM CO (Continued)

1000356959

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
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/22/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/12/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110002903733

Environmental Interest/Information System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEREX CHEM CO (Continued)

1000356959

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: 1000356959
Registry ID: 110002903733
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002903733>

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01730096

**130
ENE
1/2-1
0.627 mi.
3308 ft.**

**COMMAIR MECHANICAL SERVICE
1266 14TH STREET
OAKLAND, CA 94607**

**ENVIROSTOR S118757106
N/A**

**Relative:
Higher
Actual:
19 ft.**

ENVIROSTOR:

Facility ID: 60000366
Status: No Action Required
Status Date: 02/08/2007
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1.65
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Claude Jemison
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.81067
Longitude: -122.2886
APN: 5-376-9-1
Past Use: NONE
Potential COC: Polychlorinated biphenyls (PCBs)
Confirmed COC: Polychlorinated biphenyls (PCBs)
Potential Description: SED
Alias Name: 5-376-9-1
Alias Type: APN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COMMAIR MECHANICAL SERVICE (Continued)

S118757106

Alias Name: 60000366
 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: 02/08/2007
 Comments: No action required because site is completely paved and the site no longer stores PCB containing ballasts. PCB sampling results of sediments on the paved surfaces were not able to be duplicated.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Other Report
 Completed Date: 08/08/2006
 Comments: Letters requesting information on the site were sent to the owner and former operator.

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

AH131
 NE
 1/2-1
 0.630 mi.
 3325 ft.

MARK ABOUDI PROPERTY
1639 18TH STREET
OAKLAND, CA 94607

Site 1 of 2 in cluster AH

ENVIROSTOR S112865832
VCP N/A
DEED
HAZNET

Relative:
 Lower
 Actual:
 12 ft.

ENVIROSTOR:
 Facility ID: 1420131
 Status: Certified O&M - Land Use Restrictions Only
 Status Date: 09/23/2010
 Site Code: 201550
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 1
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Claude Jemison
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: YES
 Site Mgmt Req: DAY, ELD, HOS, EX, NOWN, NUSE, NDEV, NSUB, HS, SCH, FOOD, COV, RES
 Funding: Responsible Party
 Latitude: 37.81408
 Longitude: -122.2926
 APN: 007-0561-0018-01, 7-561-18-1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARK ABOUDI PROPERTY (Continued)

S112865832

Past Use: MANUFACTURING - OTHER, PAINT MANUFACTURING, RECYCLING - SCRAP METAL
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1420131
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, ELD, HOS, EX, NOWN, NUSE, NDEV, NSUB, HS, SCH, FOOD, COV, RES
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201550
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 09/23/2010
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.81408 / -122.2926
APN: 007-0561-0018-01, 7-561-18-1
Past Use: MANUFACTURING - OTHER, PAINT MANUFACTURING, RECYCLING - SCRAP METAL
Potential COC: 30013
Confirmed COC: 30013
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARK ABOUDI PROPERTY (Continued)

S112865832

Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Envirostor ID: 1420131
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

HAZNET:

envid: S112865832
Year: 1998
GEPaid: CAC001081848
Contact: ITZ RADOMSKY
Telephone: 5108324190
Mailing Name: Not reported
Mailing Address: 930 PINE STREET
Mailing City,St,Zip: OAKLAND, CA 946070000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: .3336
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S112865832
Year: 1998
GEPaid: CAC001081848
Contact: ITZ RADOMSKY
Telephone: 5108324190
Mailing Name: Not reported
Mailing Address: 930 PINE STREET
Mailing City,St,Zip: OAKLAND, CA 946070000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARK ABOUDI PROPERTY (Continued)

S112865832

Tons: .2750
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

**AH132
NE
1/2-1
0.643 mi.
3393 ft.**

**ALTA PLATING & CHEMICAL CORP.
1433 18TH STREET
OAKLAND, CA 94607**

**ENVIROSTOR S107735828
N/A**

Site 2 of 2 in cluster AH

**Relative:
Lower
Actual:
12 ft.**

ENVIROSTOR:
Facility ID: 70000088
Status: Inactive - Needs Evaluation
Status Date: 05/04/2006
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.27
NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.81362
Longitude: -122.2914
APN: 5-397-15-2
Past Use: METAL PLATING - OTHER
Potential COC: Nickel Zinc
Confirmed COC: 30407-NO 30594-NO
Potential Description: SOIL
Alias Name: 5-397-15-2
Alias Type: APN
Alias Name: 70000088
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: 04/19/2006
Comments: The site screening report was approved by EPA. No further action required under CERCLA. However, since no confirmation sampling was taken, the site needs to be re-evaluated under DTSC lead.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALTA PLATING & CHEMICAL CORP. (Continued)

S107735828

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

133
NW
1/2-1
0.644 mi.
3401 ft.

**OAKLAND ARMY BASE
2475-D WEST 12TH STREET
OAKLAND, CA 94607**

**RESPONSE
ENVIROSTOR
HIST Cal-Sites
CERS**

**S105481917
N/A**

**Relative:
Lower
Actual:
10 ft.**

AWP:
AWP Facility ID: 01970006
Region Code: 2
Region: BERKELEY
SMBR Branch Code: NO
SMBR Branch Unit: OMF-NORTHERN CALIF
Site Name.: OAKLAND ARMY BASE
Current Status Date: 01151988
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: Closed military facility
Awp Site Type: CLOSED MILITARY BASE
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: HWONG
Supervisor Responsible: Not reported
SIC Code: 97
Facility SIC: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
RWQCB Code: SF
RWQCB Associated With Site: SAN FRANCISCO BAY
Site Access Controlled: Controlled
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: MEASURED FROM HQ BUILDING ON BASE
State Assembly Distt Code: 16
State Senate District: 09

RESPONSE:
Facility ID: 1970006
Site Type: State Response
Site Type Detail: Closed Base
Acres: 17
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Site Code: 200233

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: DSMOA
Status: Active
Status Date: 01/15/1988
Restricted Use: NO
Funding: BRAC 95
Latitude: 37.81426
Longitude: -122.3065
APN: NONE SPECIFIED
Past Use: OFFICE BUILDING, RESIDENTIAL AREA, UNKNOWN, TRANSPORTATION - WAREHOUSING, EQUIPMENT/INSTRUMENT REPAIR, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, RECYCLING - DRUM, UNKNOWN, BATTERY STORAGE, DAY CARE FACILITY, DEGREASING FACILITY, DISTRIBUTOR - CHEMICAL, DRY CLEANING, FIRING RANGE - SMALL ARMS ETC..., FUEL - VEHICLE STORAGE/ REFUELING, FUEL HYDRANT PUMPING STATIONS, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, LANDFILL - HAZARDOUS WASTE, MACHINE SHOP, METAL FINISHING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, PORT, RECYCLING - DRUM, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RECYCLING - USED OIL , SHIPYARD - TERMINAL, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, DEGREASING FACILITY, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - OTHER, NURSERY, OFFICE BUILDING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RAIL ROAD MAINTENANCE SHOP, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RETAIL - SERVICE STATION, TRANSFORMER REPAIR, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, EQUIPMENT/INSTRUMENT REPAIR, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, PORT, RECYCLING - OTHER, SHIPYARD - SHIP BUILDING/REPAIR, SHIPYARD - TERMINAL, UNKNOWN, DEGREASING FACILITY, ENGINE TESTING/REPAIR, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, OIL/WATER SEPARATORS, RAIL ROAD MAINTENANCE SHOP, VEHICLE MAINTENANCE, JUNKYARD, LANDFILL - CONSTRUCTION, UNKNOWN, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, RECYCLING - DRUM, UNKNOWN, DAY CARE FACILITY, JUNKYARD, OFFICE BUILDING, RESIDENTIAL AREA, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - OTHER, OFFICE BUILDING, OIL/WATER SEPARATORS, RETAIL - SERVICE STATION, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, ILLEGAL DUMPING, LANDFILL - CONSTRUCTION, LANDFILL - HAZARDOUS WASTE, SHIPYARD - TERMINAL, UNKNOWN, DEGREASING FACILITY, ILLEGAL DUMPING, JUNKYARD, LDF, LANDFILL - CONSTRUCTION, RAIL ROAD MAINTENANCE SHOP, UNKNOWN

Potential COC : * CONTAMINATED SOIL * HYDROCARBON SOLVENTS * UNSPECIFIED ORGANIC LIQUID MIXTURE Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Manganese and compounds Asbestos Containing Materials (ACM Benzene Dioxin (as 2,3,7,8-TCDD TEQ Methyl tertbutyl ether (MTBE Naturally Occurring Asbestos (NOA Silver Under Investigation

Confirmed COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Potential Description: TPH-gas Asbestos Containing Materials (ACM TPH-MOTOR OIL Chlordane DDD DDE DDT Endrin Toxaphene Under Investigation Benzene Total Chromium (1:6 ratio Cr VI:Cr III Dioxin (as 2,3,7,8-TCDD TEQ Mercury (elemental Methyl tertbutyl ether (MTBE Polychlorinated biphenyls (PCBs Silver Trichloroethylene (TCE Vinyl chloride Naturally Occurring Asbestos (NOA 1,1,1-Trichloroethane (TCA Tetrachloroethylene (PCE 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30013-NO 30014-NO 30018-NO 30019-NO 31001-NO 30353-NO 30022-NO 30024-NO 30025-NO 30026-NO 30027-NO 30028-NO 3002502-NO OTH, SOIL, OTH, SED, SOIL, SURFW, OTH, SED, SOIL, OTH, SOIL, IA, OTH, SED, SOIL, SV, OTH, SOIL, SED, IA, OTH, SOIL, SV, OTH, SOIL, OTH, SOIL, OTH, SED, SOIL, SV, IA, SURFW, IA, OTH, SED, SOIL, SV, SURFW

Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1970006
Status: Active
Status Date: 01/15/1988
Site Code: 200233
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 17
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: DSMOA
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: BRAC 95
Latitude: 37.81426
Longitude: -122.3065
APN: NONE SPECIFIED
Past Use: OFFICE BUILDING, RESIDENTIAL AREA, UNKNOWN, TRANSPORTATION - WAREHOUSING, EQUIPMENT/INSTRUMENT REPAIR, HAZARDOUS WASTE STORAGE -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

TANKS/CONTAINERS, RECYCLING - DRUM, UNKNOWN, BATTERY STORAGE, DAY CARE FACILITY, DEGREASING FACILITY, DISTRIBUTOR - CHEMICAL, DRY CLEANING, FIRING RANGE - SMALL ARMS ETC..., FUEL - VEHICLE STORAGE/ REFUELING, FUEL HYDRANT PUMPING STATIONS, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, LANDFILL - HAZARDOUS WASTE, MACHINE SHOP, METAL FINISHING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, PORT, RECYCLING - DRUM, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RECYCLING - USED OIL, SHIPYARD - TERMINAL, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, DEGREASING FACILITY, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - OTHER, NURSERY, OFFICE BUILDING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RAIL ROAD MAINTENANCE SHOP, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RETAIL - SERVICE STATION, TRANSFORMER REPAIR, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, EQUIPMENT/INSTRUMENT REPAIR, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, PORT, RECYCLING - OTHER, SHIPYARD - SHIP BUILDING/REPAIR, SHIPYARD - TERMINAL, UNKNOWN, DEGREASING FACILITY, ENGINE TESTING/REPAIR, TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, OIL/WATER SEPARATORS, RAIL ROAD MAINTENANCE SHOP, VEHICLE MAINTENANCE, JUNKYARD, LANDFILL - CONSTRUCTION, UNKNOWN, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, RECYCLING - DRUM, UNKNOWN, DAY CARE FACILITY, JUNKYARD, OFFICE BUILDING, RESIDENTIAL AREA, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - OTHER, OFFICE BUILDING, OIL/WATER SEPARATORS, RETAIL - SERVICE STATION, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING, ILLEGAL DUMPING, LANDFILL - CONSTRUCTION, LANDFILL - HAZARDOUS WASTE, SHIPYARD - TERMINAL, UNKNOWN, DEGREASING FACILITY, ILLEGAL DUMPING, JUNKYARD, LDF, LANDFILL - CONSTRUCTION, RAIL ROAD MAINTENANCE SHOP, UNKNOWN

Potential COC:

* CONTAMINATED SOIL * HYDROCARBON SOLVENTS * UNSPECIFIED ORGANIC LIQUID MIXTURE Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL Arsenic DDD DDE DDT Endrin Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Manganese and compounds Arsenic Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Arsenic Asbestos Containing Materials (ACM Benzene Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Dioxin (as 2,3,7,8-TCDD TEQ Endrin Lead Mercury (elemental Methyl tertbutyl ether (MTBE Naturally Occurring Asbestos (NOA Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Silver Tetrachloroethylene (PCE Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Arsenic Asbestos Containing Materials (ACM Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Confirmed COC:

Potential Description:

DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Arsenic Asbestos Containing Materials (ACM Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Under Investigation Arsenic Chlordane DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Under Investigation Arsenic Chlordane DDD DDE DDT Lead Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE TPH-diesel TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Under Investigation Arsenic Asbestos Containing Materials (ACM Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Under Investigation Chlordane DDD DDE DDT Endrin Lead Toxaphene Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Asbestos Containing Materials (ACM TPH-MOTOR OIL Chlordane DDD DDE DDT Endrin Lead Toxaphene Under Investigation Arsenic Benzene Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Dioxin (as 2,3,7,8-TCDD TEQ Endrin Lead Mercury (elemental Methyl tertbutyl ether (MTBE Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Silver Toxaphene TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride Asbestos Containing Materials (ACM Naturally Occurring Asbestos (NOA TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Tetrachloroethylene (PCE Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Toxaphene TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride Under Investigation Asbestos Containing Materials (ACM TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Tetrachloroethylene (PCE Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30013-NO 30014-NO 30018-NO 30019-NO 31001-NO Arsenic Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Tetrachloroethylene (PCE Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Toxaphene TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride Asbestos Containing Materials (ACM TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Tetrachloroethylene (PCE Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT Endrin Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL 30001-NO 30006-NO 30007-NO 30008-NO 30010-NO 30013-NO 30018-NO 30019-NO 30022-NO 30024-NO 30025-NO 30026-NO 30027-NO 30028-NO 3002502-NO Arsenic Chlordane Tetrachloroethylene (PCE TPH-diesel 1,1,1-Trichloroethane (TCA TPH-MOTOR OIL Under Investigation Polychlorinated biphenyls (PCBs Trichloroethylene (TCE Vinyl chloride Lead DDD DDE DDT

OTH, SOIL, OTH, SED, SOIL, SURFW, OTH, SED, SOIL, OTH, SOIL, IA, OTH,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

SED, SOIL, SV, OTH, SOIL, SED, IA, OTH, SOIL, SV, OTH, SOIL, OTH,
SOIL, OTH, SED, SOIL, SV, IA, SURFW, IA, OTH, SED, SOIL, SV, SURFW

Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:

Region: BERKELEY
Facility ID: 01970006
Facility Type: CLOSE
Type: CLOSED MILITARY BASE
Branch: NO
Branch Name: OMF-NORTHERN CALIF
File Name: OAKLAND ARMY BASE
State Senate District: 01151988
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 97
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: HWONG
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: MEASURED FROM HQ BUILDING ON BASE
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01970006
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OU4
Proposed Budget: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

AWP Completion Date: 02282006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OBRA
Proposed Budget: 0
AWP Completion Date: 09262002
Revised Due Date: Not reported
Comments Date: 09262002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OBRA
Proposed Budget: 0
AWP Completion Date: 09262002
Revised Due Date: Not reported
Comments Date: 09262002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: RAW
Activity Name: REMOVAL ACTION WORKPLAN
AWP Code: OU2
Proposed Budget: 0
AWP Completion Date: 08152001
Revised Due Date: Not reported
Comments Date: 08152001
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: OU4
Proposed Budget: 0
AWP Completion Date: 01302005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Unknown Type: 0
Facility ID: 01970006
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: OU4
Proposed Budget: 0
AWP Completion Date: 12302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: DES
Activity Name: DESIGN
AWP Code: OU4
Proposed Budget: 0
AWP Completion Date: 06302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: 807
Proposed Budget: 0
AWP Completion Date: 06251997
Revised Due Date: Not reported
Comments Date: 06251997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01970006
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	648
Proposed Budget:	0
AWP Completion Date:	12311997
Revised Due Date:	Not reported
Comments Date:	12311997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01970006
Activity:	CERFA
Activity Name:	COMMUNITY ENVIRONMENTAL RESPONSE FACILITATION ACT
AWP Code:	BASWD
Proposed Budget:	0
AWP Completion Date:	12201996
Revised Due Date:	Not reported
Comments Date:	12201996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: BWEBS
Activity Name: BASEWIDE ENVIRONMENTAL BASELINE SURVEY
AWP Code: OAB-F
Proposed Budget: 0
AWP Completion Date: 09301996
Revised Due Date: Not reported
Comments Date: 09301996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: BASWD
Proposed Budget: 0
AWP Completion Date: 06051998
Revised Due Date: Not reported
Comments Date: 06051998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: SS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 01151988
Revised Due Date: Not reported
Comments Date: 01151988
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OBRA
Proposed Budget: 0
AWP Completion Date: 06302014
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: MOA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04152003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: OBRA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08012002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: OU4
Proposed Budget: 0
AWP Completion Date: 12312007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: OU2
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08152001
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01970006
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: OBRA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09262002
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 2475-D WEST 12TH STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Alternate Address: 2475-D WEST 12TH STREET
Alternate City,St,Zip: OAKLAND, CA 94626
Alternate Address: 422 ACRES; EASTERN SHORE OF SF BAY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Alternate City,St,Zip: OAKLAND, CA 94626
Alternate Address: OAKLAND ARMY BASE TRANSITION OFFICE
Alternate City,St,Zip: Not reported
Background Info: Oakland Army Base (OARB) is situated near the eastern terminus of the San Francisco-Oakland Bay Bridge. OARB occupies approximately 422 acres and is bounded by the Southern Pacific Transportation Company railroad tracks on the east, the Port of Oakland Authority (formerly the Fleet and Industrial Supply Center Oakland) on the south, the Bay Bridge on the north, and the Oakland Outer Harbor on the west. From December 8, 1941 to September 30, 1999, OARB carried out its mission in support activities for the sea, rail and land transportation of military personnel and material for the U.S. Army. These activities included operation and maintenance of facilities and equipment, industrial processes, preparation of vehicles for overseas shipment, storage of fuels, management of wastes, cleaning operations, support of seagoing vessels, railroad rolling stock and trackage, trucking, wharf, and warehousing operations. In December 1995, OARB was placed on the BRAC IV list and designated for closure. OARB is scheduled to be transferred to the City of Oakland in 2001. The Oakland Base Reuse Authority (OBRA) which is the Local Reuse Authority (LRA) for the base developed a reuse plan in July 1998. Environmental investigation and cleanup of OARB is being performed in accordance with the BRAC Cleanup Plan (July 1996) which was revised and updated in January 1999. The California Department of Toxic Substances Control (DTSC) is the lead agency for the environmental restoration as described in the Defense State Memorandum of Understanding (DSMOA). OARB is not on the U.S. Environmental Protection Agency's National Priorities List (NPL). The 26 BRAC parcels were grouped into 7 Operable Units (OU), initially identified according to types of operation and geographic location. OU1 included Parcels 4 through 7 and 9 through 15, OU2 consisted entirely of Parcel 8, OU3 included Parcels 16 through 26, OU4 included parcels 1 through 3 (shoreline, wharves, and submerged land), OU5 was reserved for no further action parcels, OU6 was for parcels that had unexpected conditions, and OU7 was a small contaminated area at the east end of Building 807 in Parcel 12. The Regional Water Quality Control Board (RWQCB) is the lead regulatory agency for closure of underground fuel storage tanks (USTs) at OARB. USTs that contained used oils/fuels and oil/water separators are not part of the UST program and are addressed under the operable unit cleanup program as described above. Based on Risk Based Corrective Action (RBCA) evaluation, 4 of the 14 UST fuel sites have been included in a program for further investigation and/or remediation. *** OPERABLE UNIT/SITE DESCRIPTION *** OU1 Operable Unit 1 covers 167 acres area with warehouses, a rail yard, open storage area, parking lots, padre grounds administrative areas, wash platforms, maintenance shops, a printing plant and a plating shop. OU1 consists of 11 parcels. OU2 Operable Unit 2 includes railroad engine maintenance, fueling and repair facilities. This is a 6.3 acres area at the northeastern border of the OARB. OU3 Operable Unit 3 is a 49.4 acres area at the southwestern end of OARB. The area consists primarily of housing, housing support office space, vehicle service areas and motor pool maintenance areas. OU3 consists of 11 parcels. OU4 Operable Unit 4 consists of 127 acres with three parcels located at the northwestern end of OARB. OU4 facilities include waterfronts, piers and cargo storage area

MAP FINDINGS

OAKLAND ARMY BASE (Continued)

S105481917

s. OU5 Operable Unit 5 is for three no further action parcels totaling 35 acres. The area consists of support services, guest-house, child center, playground, theater, warehouses and Maritime Street. OU6 Operable Unit 6 is reserved for funding any work related to basewide issues. The Army has not been using this operable unit for remedial and investigation activities. OU7 Operable Unit 7 is a 300-foot by 600-foot area located****

Comments Date: 01151988
 Comments: SITE SCREENING DONE
 Comments Date: 04152003
 Comments: ORDER - MOA -- The Memorandum of Agreement (MOA) is between the Army, the Department of Toxic Substances Control, and the San Francisco Bay Regional Water Quality Control Board. The MOA specifies the Army's responsibility to fund the cleanup activities, to investigate and remediate any Army-Retained Condition, and to continue the cleanup activities in the event Oakland defaults on its responsibilities under the Consent Agreement.
 Comments Date: 04152003
 Comments: PEA - BASWD -- Completion of the Basewide Preliminary Assessment /Site Inspection (PA/SI), also called Preliminary Endangerment Assessment (PEA) activity for Oakland Army Base. Twenty six (26) parcels were evaluated in the final PA/SI reports. Twenty (20) parcels are recommended for further action while six (6) parcels are recommended for no further action.
 Comments Date: 06051998
 Comments: PEA 807 -- Completed the Preliminary Assessment/Site Inspection for Building 807.
 Comments Date: 06051998
 Comments: CEQA - BASWD -- The City of Oakland prepared the final Environmental Impact Report (EIR) for the Oakland Army Base (OARB) Area Redevelopment Plan. The EIR includes environmental impact analysis for remedial alternatives proposed in the OARB's Remedial Action Plan. DTSC was a responsible agency for the EIR decision.
 Comments Date: 08152001
 Comments: RAW - OU2 - Removal Action workplan for the removal of pesticide contaminated soil at a wetland soil in OU2. CEQA - OU2 - Negative Declaration for Removal Action workplan to remove pesticide contaminated soil at a wetland soil in OU2.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Comments Date: 09262002
Comments: RAP - OBRA (Oakland Base Reuse Authority) -- The City of Oakland
Comments Date: 09262002
Comments: prepared a Remedial Action Plan (RAP) and Risk Management Plan (R
Comments Date: 09262002
Comments: MP) that address 366 out of 425 acres of the base property. The
Comments Date: 09262002
Comments: remaining 59 acres of the base will be designated as a separate
Comments Date: 09262002
Comments: site. RIFS - OBRA -- The elements of RIFS for OUs 1237 have been
Comments Date: 09262002
Comments: incorporated into the Remedial Action Plan (RAP) and Risk Management
Comments Date: 09262002
Comments: Plan. The RAP addresses 366 out of 425 acres of the base property.
Comments Date: 09262002
Comments: Upon approval of the RAP, the RIFS for OUs 1237 is also
Comments Date: 09262002
Comments: completed. ORDER - OBRA -- DTSC and the City of Oakland signed
Comments Date: 09262002
Comments: the Consent Agreement for 366 acres of the base property expected
Comments Date: 09262002
Comments: to be early transferred by June 2003.
Comments Date: 09301996
Comments: BWEBS OAB-F -- Completed the review of the Basewide Environmental
Comments Date: 09301996
Comments: Baseline Survey.
Comments Date: 12201996
Comments: CERFA BASWD -- Department of Toxic Substances Control made the de
Comments Date: 12201996
Comments: termination that no parcel at Oakland Army Base can be classified
Comments Date: 12201996
Comments: as uncontaminated property.
Comments Date: 12311997
Comments: PEA 648 -- Completed the Preliminary Assessment/Site Inspection for
Comments Date: 12311997
Comments: Building 648.
ID Name: Not reported
ID Value: Not reported
Alternate Name: OAKLAND ARMY BASE
Alternate Name: Oakland Army Base
Alternate Name: Not reported
Special Programs Code: DSMOA
Special Programs Name: DEFENSE MEMORANDUM OF AGREEMENT

CERS TANKS:

Site ID: 340823
CERS ID: 01970006
CERS Description: State Response

Affiliation:

Affiliation Type Desc: Lead Project Manager
Entity Name: HENRY WONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: BERKELEY
Affiliation State: CA
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND ARMY BASE (Continued)

S105481917

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor
Entity Name: JANET NAITO
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

AI134
NNE
1/2-1
0.672 mi.
3549 ft.

SP, W.OAKLAND YD.-(OILY WASTE)
1707 WOOD STREET
OAKLAND, CA 94607

Toxic Pits S100676226
N/A

Site 1 of 4 in cluster AI

Relative:
Lower

Actual:
11 ft.

TOXIC PITS:
Region: 02
Task #: 82010
Owner: SOUTHERN PACIFIC TRANS. CO.
1/2 Mi Limit: Y
Num. of Pits: 4
Cease Discharge Due: 09/02/92
Cease Discharge Complete: / /
Closure Due: 09/02/92
Closure Completed: 04/21/93
Status: CLOSED
Hydro Geological Assessment Report Due: / /
Final Hydro Geological Assessment Review Completed: / /

AI135
NNE
1/2-1
0.672 mi.
3549 ft.

SP, W.OAKLAND YARD-(WASHWATER)
1707 WOOD STREET
OAKLAND, CA 94607

Toxic Pits S100676234
N/A

Site 2 of 4 in cluster AI

Relative:
Lower

Actual:
11 ft.

TOXIC PITS:
Region: 02
Task #: 82034
Owner: SOUTHERN PACIFIC TRANS. CO.
1/2 Mi Limit: Y
Num. of Pits: 2
Cease Discharge Due: / /
Cease Discharge Complete: 01/16/88
Closure Due: 09/30/90
Closure Completed: 06/30/92
Status: CLOSED
Hydro Geological Assessment Report Due: / /
Final Hydro Geological Assessment Review Completed: 10/17/89

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AI136
NNE
1/2-1
0.672 mi.
3549 ft.

SOUTHERN PACIFIC TRANSPORTATION CO
1707 WOOD ST
OAKLAND, CA 94607
Site 3 of 4 in cluster AI

RESPONSE 1004444105
ENVIROSTOR N/A
CPS-SLIC
FTTS
HIST FTTS
CERS

Relative:
Lower

Actual:
11 ft.

RESPONSE:

Facility ID: 1400001
 Site Type: State Response
 Site Type Detail: State Response or NPL
 Acres: 29.2
 National Priorities List: NO
 Cleanup Oversight Agencies: RWQCB 2 - San Francisco Bay
 Lead Agency Description: RWQCB 2 - San Francisco Bay
 Project Manager: Not reported
 Supervisor: Barbara Cook
 Division Branch: Cleanup Berkeley
 Site Code: Not reported
 Site Mgmt. Req.: NONE SPECIFIED
 Assembly: 18
 Senate: 09
 Special Program Status: Designation of Single Agency
 Status: Refer: RWQCB
 Status Date: 04/17/2001
 Restricted Use: NO
 Funding: Not reported
 Latitude: 37.81666
 Longitude: -122.2958
 APN: 0-310-14, 0-310-3-10, 0-310-3-11, 0-310-3-9, 0-310-5, 0-310-7, 0-310-8, 0-315-4, 0310-3-8, 6-29-1, 7-556-10-1, O-310-7-7
 Past Use: FOUNDRY, MANUFACTURING - LUMBER/WOOD PRODUCTS, RAIL ROAD MAINTENANCE SHOP, VEHICLE MAINTENANCE
 Potential COC : * HYDROCARBON SOLVENTS * LIQUIDS WITH PH <= 2 * OIL/WATER SEPARATION SLUDGE * OTHER ORGANIC SOLIDS * OXYGENATED SOLVENTS * CONTAMINATED SOIL * Sludge - Halogenated Compounds * UNSPECIFIED SLUDGE WASTE * WASTE OIL & MIXED OIL * OTHER INORGANIC SOLID WASTE Arsenic Lead Polychlorinated biphenyls (PCBs)
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: Not reported
 Alias Type: Not reported
 Completed Info:
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION CO (Continued)

1004444105

ENVIROSTOR:

Facility ID: 1400001
Status: Refer: RWQCB
Status Date: 04/17/2001
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 29.2
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Designation of Single Agency
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.81666
Longitude: -122.2958
APN: 0-310-14, 0-310-3-10, 0-310-3-11, 0-310-3-9, 0-310-5, 0-310-7,
0-310-8, 0-315-4, 0310-3-8, 6-29-1, 7-556-10-1, O-310-7-7
Past Use: FOUNDRY, MANUFACTURING - LUMBER/WOOD PRODUCTS, RAIL ROAD MAINTENANCE
SHOP, VEHICLE MAINTENANCE
Potential COC: * HYDROCARBON SOLVENTS * LIQUIDS WITH PH <= 2 * OIL/WATER SEPARATION
SLUDGE * OTHER ORGANIC SOLIDS * OXYGENATED SOLVENTS * CONTAMINATED
SOIL * Sludge - Halogenated Compounds * UNSPECIFIED SLUDGE WASTE *
WASTE OIL & MIXED OIL * OTHER INORGANIC SOLID WASTE Arsenic Lead
Polychlorinated biphenyls (PCBs)
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/04/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION CO (Continued)

1004444105

Global Id: SLT2O193296
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.8164249766933
Longitude: -122.296061341278
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: SLT2O193296
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:](#)

SLIC REG 2:

Region: 2
Facility ID: SLT2O193296
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

FTTS INSP:

Inspection Number: 1989042600991 1
Region: 09
Inspection Date: 04/26/89
Inspector: ELLISON
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:

Inspection Number: 1989042600991 1
Region: 09
Inspection Date: Not reported
Inspector: ELLISON
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION CO (Continued)

1004444105

CERS TANKS:

Site ID: 248783
 CERS ID: SLT2O193296
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

AI137
NNE
1/2-1
0.672 mi.
3549 ft.

SOUTHERN PACIFIC TRANSPORTATION CO. OAKLAND
1707 WOOD STREET
OAKLAND, CA 94607

CA BOND EXP. PLAN S100833473
N/A

Site 4 of 4 in cluster AI

Relative:
Lower
Actual:
11 ft.

CA BOND EXP. PLAN:

Responsible Party: RWQCB REFERRAL SITE
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported
 Project Revenue Source Desc: The responsible parties will pay all costs associated with remedial investigations and cleanup activities under RWQCB oversight. There are no plans to utilize Bond funds for this site.

Site Description:

Southern Pacific, Oakland, is a large railyard, switching and maintenance facility located between the Outer Harbor and Inner Harbor of San Francisco Bay. The site includes two surface impoundments which are separated by approximately a one-half mile distance: an oil/water separator system for waste waters from the cleaning of rail cars and an inactive waste pond for wash waters from the interiors of tank cars (referred to as polychlorinated biphenyl (PCB) sludge pond). There is soil and groundwater contamination at each of the surface impoundment areas.

Hazardous Waste Desc:

This site has been contaminated by PCBs, polynuclear aromatics (PNAs), benzene, toluene, xylene, ethylbenzene, waste oils, solvents such as trichloroethylene (TCE) and dichloroethylene (DCE) and heavy metals such as lead and arsenic. Shallow ground water is contaminated by solvents.

Threat To Public Health & Env:

The waste impoundment area is fenced; however, direct contact would present a potential health threat. This site is located within one mile of the San Francisco Bay; a drainage ditch is underneath the site. Potential for migration of contaminants to the Bay is low. Solvents are known to have migrated offsite (at least 200 feet from the site at 3-foot depth) and to shallow ground water. There are no known domestic wells within three miles of the site.

Site Activity Status:

Southern Pacific submitted a draft RAP to the RWQCB and DHS in April, 1988. The RWQCB has determined the RAP to be unacceptable and is requiring additional hydrogeologic and site characterization.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138
WNW
1/2-1
0.713 mi.
3765 ft.

PORT OF OAKLAND
801 MARITIME STREET
OAKLAND, CA 94607

LUST S100178945
Alameda County CS N/A
HIST CORTESE
Notify 65
CERS

Relative:
Lower
Actual:
8 ft.

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101102
Global Id: T0600101102
Latitude: 37.810178
Longitude: -122.313262
Status: Completed - Case Closed
Status Date: 11/17/2010
Case Worker: PK
RB Case Number: 01-1199
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000019
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Three USTs and approximately 120 linear feet of piping were removed from the site on February 16, 1989. The tank pit was over-excavated with approximately 1,500 cubic yards of soil treated onsite removed from the excavation. One groundwater monitoring well was installed at the site in July 1996. Additional site investigations were in conducted in 2007 and 2008.

LUST:

Global Id: T0600101102
Contact Type: Local Agency Caseworker
Contact Name: PARESH KHATRI
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: paresh.khatri@acgov.org
Phone Number: 5107772478

Global Id: T0600101102
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101102
Action Type: ENFORCEMENT
Date: 07/22/2010
Action: Staff Letter - #20100722

Global Id: T0600101102
Action Type: ENFORCEMENT
Date: 07/28/2008
Action: Technical Correspondence / Assistance / Other - #07/28/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND (Continued)

S100178945

Global Id: T0600101102
Action Type: Other
Date: 02/16/1989
Action: Leak Stopped

Global Id: T0600101102
Action Type: Other
Date: 02/16/1989
Action: Leak Discovery

Global Id: T0600101102
Action Type: RESPONSE
Date: 10/25/2010
Action: Well Destruction Report

Global Id: T0600101102
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101102
Action Type: ENFORCEMENT
Date: 11/17/2010
Action: Closure/No Further Action Letter

Global Id: T0600101102
Action Type: Other
Date: 02/17/1989
Action: Leak Reported

Global Id: T0600101102
Action Type: REMEDIATION
Date: 02/16/1989
Action: Excavation

Global Id: T0600101102
Action Type: RESPONSE
Date: 08/23/2010
Action: Fact Sheets - Public Participation

LUST:

Global Id: T0600101102
Status: Completed - Case Closed
Status Date: 11/17/2010

Global Id: T0600101102
Status: Open - Case Begin Date
Status Date: 02/16/1989

Global Id: T0600101102
Status: Open - Site Assessment
Status Date: 02/16/1989

Global Id: T0600101102
Status: Open - Site Assessment
Status Date: 05/03/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND (Continued)

S100178945

Global Id: T0600101102
Status: Open - Site Assessment
Status Date: 07/15/1996

LUST REG 2:

Region: 2
Facility Id: 01-1199
Facility Status: Post remedial action monitoring
Case Number: 3780
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 4/21/1989
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 3/20/1992

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000019
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.811961322
Longitude: -122.31199028

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000019
PE: 5602
Facility Status: Preliminary Site Assessment Workplan Submitted
Latitude: 37.811961322
Longitude: -122.31199028

Status: Case Closed
Record Id: RO0000019
PE: 5602
Facility Status: Case Closed
Latitude: 37.811961322
Longitude: -122.31199028

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1199

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND (Continued)

S100178945

Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

CERS TANKS:

Site ID: 238121
CERS ID: T0600101102
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: PARESH KHATRI - ALAMEDA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1131 HARBOR BAY PARKWAY
Affiliation City: ALAMEDA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5107772478

139
NW
1/2-1
0.717 mi.
3788 ft.

PORT OF OAKLAND YUSEN TERMINAL
1195 MARITIME ST
OAKLAND, CA 94607

LUST **S100226822**
Alameda County CS **N/A**
Notify 65
CERS

Relative:
Lower

LUST:

Actual:
9 ft.

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100864
Global Id: T0600100864
Latitude: 37.8126882
Longitude: -122.3110461
Status: Completed - Case Closed
Status Date: 01/10/1997
Case Worker: Not reported
RB Case Number: 01-0939
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000926
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600100864
Contact Type: Regional Board Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND YUSEN TERMINAL (Continued)

S100226822

Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600100864
Action Type: Other
Date: 12/21/1992
Action: Leak Reported

Global Id: T0600100864
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:

Global Id: T0600100864
Status: Completed - Case Closed
Status Date: 01/10/1997

Global Id: T0600100864
Status: Open - Case Begin Date
Status Date: 12/21/1992

Alameda County CS:

Status: Case Closed
Record Id: RO0000926
PE: 5602
Facility Status: Case Closed
Latitude: 37.818319828
Longitude: -122.3052825

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

CERS TANKS:

Site ID: 223267
CERS ID: T0600100864
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND YUSEN TERMINAL (Continued)

S100226822

Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**140
NW
1/2-1
0.730 mi.
3854 ft.**

**PORT OF OAKLAND - FORMER OAKLAND ARMY BASE
MARITIME STREET AND 14TH STREET
OAKLAND, CA 94607**

**RESPONSE
ENVIROSTOR
DEED**

**S108484718
N/A**

**Relative:
Lower
Actual:
9 ft.**

RESPONSE:
Facility ID: 80001200
Site Type: State Response
Site Type Detail: Closed Base
Acres: 6.76
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Site Code: 201742
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 05/01/2009
Restricted Use: YES
Funding: Other Non-Military Funds
Latitude: 37.81427
Longitude: -122.3066
APN: NONE SPECIFIED
Past Use: DEGREASING FACILITY, OFFICE BUILDING, UNKNOWN, TRANSPORTATION - WAREHOUSING
Potential COC : Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: 201742
Alias Type: Project Code (Site Code)
Alias Name: 71000002
Alias Type: Envirostor ID Number
Alias Name: 80001200
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/28/2009
Comments: The Port of Oakland submitted the 1/22/09 Annual Report pursuant to the Covenant to Restrict Use of Property, Environmental Restriction (LUC). Site inspection was conducted on 1/8/09 and the site was in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and concurred with the 1/22/09 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/29/2010
Comments: The Port of Oakland submitted the 3/26/10 Annual Report pursuant to the "Covenant to Restrict Use of Property, Environmental Restriction" (LUC) for the Oakland United States Army Reserve Center #2, Parcel 18 and Subparcels 19 and 21, Former Oakland Army Base. DTSC conducted site inspection on 3/22/10; and the Port conducted site inspection on 3/22/10 and 3/26/10. The site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since the Port acquired the property on 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and hereby concurs with the 3/26/10 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/01/2011
Comments: The Port of Oakland submitted the 1/6/11 Annual Report pursuant to the "Covenant to Restrict Use of Property, Environmental Restriction" (LUC) for the Oakland United States Army Reserve Center #2, Parcel 18 and Subparcels 19 and 21, Former Oakland Army Base. The Port conducted site inspection on 1/6/11 and confirmed that the site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since the Port acquired the property on 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and hereby concurs with the 1/6/11 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2013
Comments: DTSC reviewed the 1/11/13 Annual Report for the United States Army Reserve Center #2, Parcel 18 and Subparcels 19. DTSC has no comment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/16/2012
Comments: The Annual Report documents the followings: The Port of Oakland conducted site inspection on January 10, 2012 and confirmed that the site was in compliance with the Covenant, Sections 4.01(a) through 4.01(d); The Port of Oakland reported that no dewatering activities or violations of the Covenant had occurred since the Port acquired the property on June 29, 2007; and The Port of Oakland certified and attested to full compliance with the terms and conditions of the Covenant. The Consent Agreement states that the Port of Oakland's

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

compliance with the Implementation and Enforcement Plan pursuant to the Covenant would satisfy the five-year review requirement. Since the Port of Oakland is complying with the Covenant and meeting the Consent Agreement provisions, the institutional control remedy is functioning as intended by the December 4, 2006 "Amendment to Final Remedial Action Plan Oakland Army Base, Oakland, California for Former Parcel 18 and Subparcels 19 and 21, Oakland United States Army Reserve Center #2." The institutional control remedy continues to protect human health and the environment at Parcel 18 and Subparcels 19 and 21.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/24/2014
Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/25/2016
Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/19/2017
Comments: The Annual Report documents the followings: The Port of Oakland conducted site inspection on March 15, 2017 and confirmed that the site was in compliance with the Land Use Covenant, Sections 4.01(a) through 4.01(d); The Port of Oakland reported that no dewatering activities or violations of the Land Use Covenant had occurred since the Port acquired the property on June 29, 2007; and The Port of Oakland certified and attested to full compliance with the terms and conditions of the Land Use Covenant. The Consent Agreement states that the Port of Oakland's compliance with the Implementation and Enforcement Plan pursuant to the Land Use Covenant would satisfy the five-year review requirement. Since the Port of Oakland is complying with the Land Use Covenant and meeting the Consent Agreement provisions, the institutional control remedy is functioning as intended by the December 4, 2006 "Amendment to Final Remedial Action Plan Oakland Army Base, Oakland, California for Former Parcel 18 and Subparcels 19 and 21, Oakland United States Army Reserve Center #2." The institutional control remedy continues to protect human health and the environment at Parcel 18 and Subparcels 19 and 21.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/02/2015
Comments: The Port of Oakland reports that the institutional controls, as

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 07/01/2016
Comments: The Port proposes to cover the Former Army Reserves Parcels (i.e., former Parcel 18 and Subparcels 19 and 21) with soil and recycled materials that are stockpiled on the Port Development Area of the Former Oakland Army Base Economic Development Conveyance Area (EDC Area) and have already been approved for reuse at the EDC Area.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/19/2017
Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/26/2018
Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/23/2013
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 1/29/13. DTSC found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/24/2014
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/5/14. DTSC found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/29/2010
Comments: The Port of Oakland submitted the 3/26/10 Annual Report pursuant to the "Covenant to Restrict Use of Property, Environmental Restriction" (LUC) for the Oakland United States Army Reserve Center #2, Parcel 18 and Subparcels 19 and 21, Former Oakland Army Base. DTSC conducted site inspection on 3/22/10; and the Port conducted site inspection on

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

3/22/10 and 3/26/10. The site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since the Port acquired the property on 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and hereby concurs with the 3/26/10 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/28/2009
Comments: The Port of Oakland submitted the 1/22/09 Annual Report pursuant to the Covenant to Restrict Use of Property, Environmental Restriction (LUC). Site inspection was conducted on 1/8/09 and the site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and concurred with the 1/22/09 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/07/2011
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/23/11. DTSC found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/26/2012
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/20/12. DTSC found site activities consistent with the land use covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 06/29/2007
Comments: DTSC and the Army Reserve executed and recorded the Covenant to Restrict Use of Property, Environmental Restriction with the Alameda County Assessor's Office on 6/29/07. The Covenant includes the following environmental restrictions and requirements: Sensitive land uses, including, but not limited to, residential housing, schools for persons under 18 years of age, day-care facilities for children, hospitals, and hospices are prohibited. Placement of Property soil outside of the Property boundary for any purpose is permitted only with the written approval of DTSC. The construction of groundwater wells and extraction of groundwater from new and/or existing wells for any purpose are permitted only with the written approval of DTSC. Construction dewatering activities are permitted subject to all applicable local and State requirements, including those of the California Regional Water Quality Control Board, for disposing of the liquid from dewatering activities.

Completed Area Name: Basewide

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/25/2016
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/22/16.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/19/2017
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/14/17.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/11/2015
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 2/27/15.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2014
Comments: The estimate includes DTSC oversight activity and Terradex costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/26/2018
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 5/1/18.

Future Area Name: Basewide
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2022
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

ENVIROSTOR:

Facility ID: 80001200
Status: Certified O&M - Land Use Restrictions Only
Status Date: 05/01/2009
Site Code: 201742
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 6.76
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Other Non-Military Funds
Latitude: 37.81427
Longitude: -122.3066
APN: NONE SPECIFIED
Past Use: DEGREASING FACILITY, OFFICE BUILDING, UNKNOWN, TRANSPORTATION - WAREHOUSING
Potential COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: 201742
Alias Type: Project Code (Site Code)
Alias Name: 71000002
Alias Type: Envirostor ID Number
Alias Name: 80001200
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/28/2009
Comments: The Port of Oakland submitted the 1/22/09 Annual Report pursuant to the Covenant to Restrict Use of Property, Environmental Restriction (LUC). Site inspection was conducted on 1/8/09 and the site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and concurred with the 1/22/09 Annual Report.
Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/29/2010
Comments: The Port of Oakland submitted the 3/26/10 Annual Report pursuant to the "Covenant to Restrict Use of Property, Environmental Restriction" (LUC) for the Oakland United States Army Reserve Center #2, Parcel 18 and Subparcels 19 and 21, Former Oakland Army Base. DTSC conducted site inspection on 3/22/10; and the Port conducted site inspection on 3/22/10 and 3/26/10. The site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since the Port acquired the property on 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and hereby concurs with the 3/26/10 Annual Report.
Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/01/2011
Comments: The Port of Oakland submitted the 1/6/11 Annual Report pursuant to

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

the "Covenant to Restrict Use of Property, Environmental Restriction" (LUC) for the Oakland United States Army Reserve Center #2, Parcel 18 and Subparcels 19 and 21, Former Oakland Army Base. The Port conducted site inspection on 1/6/11 and confirmed that the site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since the Port acquired the property on 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and hereby concurs with the 1/6/11 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2013
Comments: DTSC reviewed the 1/11/13 Annual Report for the United States Army Reserve Center #2, Parcel 18 and Subparcels 19. DTSC has no comment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/16/2012
Comments: The Annual Report documents the followings: The Port of Oakland conducted site inspection on January 10, 2012 and confirmed that the site was in compliance with the Covenant, Sections 4.01(a) through 4.01(d); The Port of Oakland reported that no dewatering activities or violations of the Covenant had occurred since the Port acquired the property on June 29, 2007; and The Port of Oakland certified and attested to full compliance with the terms and conditions of the Covenant. The Consent Agreement states that the Port of Oakland's compliance with the Implementation and Enforcement Plan pursuant to the Covenant would satisfy the five-year review requirement. Since the Port of Oakland is complying with the Covenant and meeting the Consent Agreement provisions, the institutional control remedy is functioning as intended by the December 4, 2006 "Amendment to Final Remedial Action Plan Oakland Army Base, Oakland, California for Former Parcel 18 and Subparcels 19 and 21, Oakland United States Army Reserve Center #2." The institutional control remedy continues to protect human health and the environment at Parcel 18 and Subparcels 19 and 21.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/24/2014
Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/25/2016
Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect

MAP FINDINGS

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

human health and the environment.

- Completed Area Name: Basewide
 Completed Sub Area Name: Not reported
 Completed Document Type: 5 Year Review Reports
 Completed Date: 04/19/2017
 Comments: The Annual Report documents the followings: The Port of Oakland conducted site inspection on March 15, 2017 and confirmed that the site was in compliance with the Land Use Covenant, Sections 4.01(a) through 4.01(d); The Port of Oakland reported that no dewatering activities or violations of the Land Use Covenant had occurred since the Port acquired the property on June 29, 2007; and The Port of Oakland certified and attested to full compliance with the terms and conditions of the Land Use Covenant. The Consent Agreement states that the Port of Oakland's compliance with the Implementation and Enforcement Plan pursuant to the Land Use Covenant would satisfy the five-year review requirement. Since the Port of Oakland is complying with the Land Use Covenant and meeting the Consent Agreement provisions, the institutional control remedy is functioning as intended by the December 4, 2006 "Amendment to Final Remedial Action Plan Oakland Army Base, Oakland, California for Former Parcel 18 and Subparcels 19 and 21, Oakland United States Army Reserve Center #2." The institutional control remedy continues to protect human health and the environment at Parcel 18 and Subparcels 19 and 21.
- Completed Area Name: Basewide
 Completed Sub Area Name: Not reported
 Completed Document Type: Monitoring Report
 Completed Date: 06/02/2015
 Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.
- Completed Area Name: Basewide
 Completed Sub Area Name: Not reported
 Completed Document Type: Soils Management Plan
 Completed Date: 07/01/2016
 Comments: The Port proposes to cover the Former Army Reserves Parcels (i.e., former Parcel 18 and Subparcels 19 and 21) with soil and recycled materials that are stockpiled on the Port Development Area of the Former Oakland Army Base Economic Development Conveyance Area (EDC Area) and have already been approved for reuse at the EDC Area.
- Completed Area Name: Basewide
 Completed Sub Area Name: Not reported
 Completed Document Type: Monitoring Report
 Completed Date: 04/19/2017
 Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.
- Completed Area Name: Basewide
 Completed Sub Area Name: Not reported
 Completed Document Type: Monitoring Report
 Completed Date: 06/26/2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

Comments: The Port of Oakland reports that the institutional controls, as specified in the June 29, 2007 Covenant to Restrict Use of Property, Environmental Restriction for the subject areas, continue to protect human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/23/2013
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 1/29/13. DTSC found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/24/2014
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/5/14. DTSC found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/29/2010
Comments: The Port of Oakland submitted the 3/26/10 Annual Report pursuant to the "Covenant to Restrict Use of Property, Environmental Restriction" (LUC) for the Oakland United States Army Reserve Center #2, Parcel 18 and Subparcels 19 and 21, Former Oakland Army Base. DTSC conducted site inspection on 3/22/10; and the Port conducted site inspection on 3/22/10 and 3/26/10. The site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since the Port acquired the property on 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and hereby concurs with the 3/26/10 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/28/2009
Comments: The Port of Oakland submitted the 1/22/09 Annual Report pursuant to the Covenant to Restrict Use of Property, Environmental Restriction (LUC). Site inspection was conducted on 1/8/09 and the site was in full compliance with the LUC, Sections 4.01(a) through 4.01(d). The Port reported that no dewatering activities or violations of the LUC had occurred since 6/29/07. The Port certified and attested to full compliance with the terms and conditions of the LUC. DTSC has reviewed and concurred with the 1/22/09 Annual Report.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/07/2011
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/23/11. DTSC found site activities consistent with the land use covenant.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/26/2012
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/20/12. DTSC found site activities consistent with the land use covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 06/29/2007
Comments: DTSC and the Army Reserve executed and recorded the Covenant to Restrict Use of Property, Environmental Restriction with the Alameda County Assessor's Office on 6/29/07. The Covenant includes the following environmental restrictions and requirements: Sensitive land uses, including, but not limited to, residential housing, schools for persons under 18 years of age, day-care facilities for children, hospitals, and hospices are prohibited. Placement of Property soil outside of the Property boundary for any purpose is permitted only with the written approval of DTSC. The construction of groundwater wells and extraction of groundwater from new and/or existing wells for any purpose are permitted only with the written approval of DTSC. Construction dewatering activities are permitted subject to all applicable local and State requirements, including those of the California Regional Water Quality Control Board, for disposing of the liquid from dewatering activities.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/25/2016
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/22/16.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/19/2017
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 3/14/17.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/11/2015
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 2/27/15.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2014
Comments: The estimate includes DTSC oversight activity and Terradex costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT OF OAKLAND - FORMER OAKLAND ARMY BASE (Continued)

S108484718

Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/26/2018
Comments: DTSC, City of Oakland, and Port of Oakland inspected the site on 5/1/18.

Future Area Name: Basewide
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2022
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Envirostor ID: 80001200
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

**AJ141
ESE
1/2-1
0.777 mi.
4103 ft.**

**MARBLE TECHNICS WEST
1035 7TH STREET
OAKLAND, CA 94607
Site 1 of 2 in cluster AJ**

**ENVIROSTOR S101293799
LUST N/A
Alameda County CS
VCP
HIST CORTESE
CERS**

**Relative:
Higher**

**Actual:
21 ft.**

ENVIROSTOR:
Facility ID: 1990012
Status: Certified
Status Date: 02/11/1999
Site Code: 200461
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.49
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80297
Longitude: -122.2858
APN: 4-19-4-3
Past Use: NONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101646
Global Id: T0600101646
Latitude: 37.8028892039038
Longitude: -122.285791486502
Status: Completed - Case Closed
Status Date: 05/08/2018
Case Worker: MD
RB Case Number: 01-1778
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000036
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>. TPHg was detected in a soil sample from the UST tank pit collected following removal of the UST at a concentration of 680 mg/kg, and in a stockpile soil sample at a concentration of less than 100 mg/kg. Benzene was detected at a concentration of 11 mg/kg at the bottom of the tank pit. Site investigations were conducted from 1988 to 2006 to evaluate the extent of subsurface impacts both onsite and offsite to soil and groundwater from the fuel release. Groundwater samples were collected from an onsite groundwater monitoring well (MT/W-1) in 1988, 1992 and 2006 and an onsite boring (MT/B-1) in 1991. Soil samples were collected from two onsite borings (MW-1 and MT/B-1) and five offsite borings (B-1, B-2, B-3, B-4, and B-5) advanced in 1991 immediately downgradient of the property and release by Cal-Trans during the I-880 realignment project. Soil bores B-1 to B-3 are considered downgradient of the release, and soil bores B-4 and B-5 are

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

considered crossgradient from the release. No remediation other than the UST removal and excavation of the tank pit has been conducted. This UST release case has been evaluated for closure consistent with the State Water Resource Control Boards Low-Threat Underground Storage Tank Closure Policy (LTCP) for petroleum related contaminants. ACDEH has determined that the site meets all the LTCP General and the Media Specific Criteria for Groundwater. The site does not meet the Media Specific Criteria for Vapor Intrusion to Indoor Air and the Media Specific Criteria for Direct Contact. However, based on an analysis of site specific conditions a determination has been made that the residual contamination in soil and groundwater at the site poses a low threat to human health and safety and to the environment under current and reasonably anticipated near-term future scenarios,. Refer to Attachments 4 through 7 in the closure summary for detailed information on the LTCP evaluation.

LUST:

Global Id: T0600101646
Contact Type: Local Agency Caseworker
Contact Name: MARK DETTERMAN
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: mark.detterman@acgov.org
Phone Number: 5105676876

Global Id: T0600101646
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101646
Action Type: RESPONSE
Date: 08/12/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 02/13/2008
Action: File review - #20080213

Global Id: T0600101646
Action Type: RESPONSE
Date: 11/17/2014
Action: Correspondence

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 10/30/2013
Action: Notice of Responsibility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 06/07/2017
Action: Staff Letter

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 01/22/2013
Action: Staff Letter

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 01/03/2013
Action: Notice of Violation - #20130103

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 05/12/2012
Action: File review

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 03/24/2010
Action: Staff Letter - #20100324

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 05/16/2016
Action: Staff Letter - #2160516

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 11/16/2007
Action: Staff Letter

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 10/16/2017
Action: Staff Letter

Global Id: T0600101646
Action Type: RESPONSE
Date: 08/19/2016
Action: Well Destruction Report

Global Id: T0600101646
Action Type: RESPONSE
Date: 09/29/2017
Action: Well Destruction Report

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 01/06/2014
Action: Staff Letter

Global Id: T0600101646
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

Date: 03/03/2013
Action: Well Destruction Report

Global Id: T0600101646
Action Type: RESPONSE
Date: 02/03/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600101646
Action Type: RESPONSE
Date: 11/29/2013
Action: Correspondence

Global Id: T0600101646
Action Type: RESPONSE
Date: 12/30/2013
Action: Well Destruction Report

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 03/28/2008
Action: * NEL - #20080328

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 06/30/2014
Action: Staff Letter

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 05/01/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 08/16/2007
Action: Verbal Communication

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 01/28/2014
Action: Staff Letter

Global Id: T0600101646
Action Type: RESPONSE
Date: 03/30/2007
Action: Correspondence

Global Id: T0600101646
Action Type: RESPONSE
Date: 10/05/2007
Action: Other Workplan

Global Id: T0600101646
Action Type: RESPONSE
Date: 09/16/2011
Action: Well Destruction Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	09/09/2009
Action:	Staff Letter
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	06/14/2016
Action:	Staff Letter
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	05/08/2018
Action:	Closure/No Further Action Letter
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	07/21/2011
Action:	Notice to Comply - #20110721
Global Id:	T0600101646
Action Type:	RESPONSE
Date:	04/24/2018
Action:	Soil and Water Investigation Report
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	03/28/2008
Action:	Staff Letter
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	03/29/2012
Action:	Notice of Violation
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	09/26/2006
Action:	Verbal Communication
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	10/06/2006
Action:	Verbal Communication
Global Id:	T0600101646
Action Type:	RESPONSE
Date:	06/22/2010
Action:	Well Destruction Report
Global Id:	T0600101646
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Notice of Violation - #20090724
Global Id:	T0600101646
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101646
Action Type: RESPONSE
Date: 03/28/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 04/02/2008
Action: Verbal Communication

Global Id: T0600101646
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600101646
Action Type: RESPONSE
Date: 09/29/2017
Action: Correspondence

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 10/16/2014
Action: Notification - Public Participation Document - #20141016

Global Id: T0600101646
Action Type: RESPONSE
Date: 09/22/2006
Action: Monitoring Report - Other

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 10/16/2014
Action: Staff Letter - #20141016

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 10/16/2014
Action: Notice of Responsibility - #2014-10-16

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 02/25/2011
Action: Notice of Violation - #20110225

Global Id: T0600101646
Action Type: RESPONSE
Date: 04/18/2018
Action: Correspondence

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 10/30/2013
Action: Staff Letter - #20131030

Global Id: T0600101646
Action Type: Other
Date: 06/21/1988
Action: Leak Reported

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 08/02/1993
Action: Notice of Responsibility

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 06/29/2016
Action: Staff Letter

Global Id: T0600101646
Action Type: RESPONSE
Date: 05/27/2008
Action: Soil and Water Investigation Report

Global Id: T0600101646
Action Type: RESPONSE
Date: 03/01/2018
Action: Well Destruction Report

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 12/27/2013
Action: Staff Letter - #20131227

Global Id: T0600101646
Action Type: RESPONSE
Date: 04/18/2018
Action: Correspondence

Global Id: T0600101646
Action Type: ENFORCEMENT
Date: 03/24/2010
Action: Notification - Fee Title Owners Notice - #20100324

LUST:

Global Id: T0600101646
Status: Completed - Case Closed
Status Date: 05/08/2018

Global Id: T0600101646
Status: Open - Eligible for Closure
Status Date: 03/24/2010

Global Id: T0600101646
Status: Open - Site Assessment
Status Date: 09/18/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

LUST REG 2:

Region: 2
Facility Id: 01-1778
Facility Status: Preliminary site assessment underway
Case Number: 3621
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 10/17/1988
Preliminary Site Assessment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0000036
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.803193494
Longitude: -122.28578977

Status: Pollution Characterization
Record Id: RO0000036
PE: 5602
Facility Status: Pollution Characterization
Latitude: 37.803193494
Longitude: -122.28578977

VCP:

Facility ID: 1990012
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.49
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200461
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 02/11/1999
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80297 / -122.2858
APN: 4-19-4-3
Past Use: NONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARBLE TECHNICS WEST (Continued)

S101293799

Potential COC: NONE SPECIFIED,31000
Confirmed COC: 31000
Potential Description: NMA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1778

CERS TANKS:

Site ID: 222784
CERS ID: T0600101646
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: MARK DETTERMAN - ALAMEDA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1131 HARBOR BAY PARKWAY
Affiliation City: ALAMEDA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5105676876

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AJ142 **CHANG'S AUTOMOTIVE**
ESE **1009 7TH STREET**
1/2-1 **OAKLAND, CA 94607**
0.796 mi.
4205 ft. **Site 2 of 2 in cluster AJ**

ENVIROSTOR **S113054762**
VCP **N/A**
HAZNET

Relative:
Higher
Actual:
22 ft.

ENVIROSTOR:
Facility ID: 1750019
Status: Certified
Status Date: 02/11/1999
Site Code: 200460
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80290
Longitude: -122.2855
APN: 4-19-2-3
Past Use: RETAIL - SERVICE STATION
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1750019
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.25

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHANG'S AUTOMOTIVE (Continued)

S113054762

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200460
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 02/11/1999
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80290 / -122.2855
APN: 4-19-2-3
Past Use: RETAIL - SERVICE STATION
Potential COC: 30013
Confirmed COC: 30013
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S113054762
Year: 2000
GEPaid: CAL000087908
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 1009 7TH ST
Mailing City,St,Zip: OAKLAND, CA 946072613
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Recycler
Tons: 0.91
Cat Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHANG'S AUTOMOTIVE (Continued)

S113054762

Method Decode: Not reported
Facility County: Alameda

envid: S113054762
Year: 1997
GEPaid: CAL000087908
Contact: CHANG CURTIS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1009 7TH ST
Mailing City,St,Zip: OAKLAND, CA 946072613
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .3753
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: S113054762
Year: 1994
GEPaid: CAL000087908
Contact: CHANG CURTIS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1009 7TH ST
Mailing City,St,Zip: OAKLAND, CA 946072613
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .3961
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

143
ESE
1/2-1
0.819 mi.
4325 ft.

Relative:
Higher

Actual:
16 ft.

**EAST BAY FORD TRUCK
333 FIBERT ST
OAKLAND, CA 94607**

**RCRA-SQG 1000391095
LUST CAD981443245
CPS-SLIC
Alameda County CS
BROWNFIELDS
SWEEPS UST
HIST UST
CA FID UST
HAZNET
HIST CORTESE
NPDES
Notify 65
CIWQS**

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: EAST BAY FORD TRUCK
Facility address: 333 FIBERT ST
OAKLAND, CA 94607

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

EPA ID: CAD981443245
Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
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: U B HARPER
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
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/10/1990
Site name: EAST BAY FORD TRUCK SALES INC
Classification: Large Quantity Generator

Date form received by agency: 09/10/1986
Site name: EAST BAY FORD TRUCK
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/10/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

LUST:

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100485
Global Id: T0600100485
Latitude: 37.8012299
Longitude: -122.286319
Status: Completed - Case Closed
Status Date: 07/13/1994
Case Worker: Not reported
RB Case Number: 01-0531
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001091
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0600100485
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600100485
Action Type: RESPONSE
Date: 07/13/1994
Action: Other Report / Document

Global Id: T0600100485

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600100485
Action Type: Other
Date: 08/23/1988
Action: Leak Reported

LUST:

Global Id: T0600100485
Status: Completed - Case Closed
Status Date: 07/13/1994

Global Id: T0600100485
Status: Open - Case Begin Date
Status Date: 08/23/1988

LUST REG 2:

Region: 2
Facility Id: 01-0531
Facility Status: Case Closed
Case Number: 1132
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/9/1992
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 1/4/1989
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 03/17/2014
Global Id: T10000005774
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.801231
Longitude: -122.28632
Case Type: Cleanup Program Site
Case Worker: MEJ
Local Agency: Not reported
RB Case Number: 01S0753
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Diesel, Gasoline, Naphthalene, Total Petroleum Hydrocarbons (TPH)
Site History: Site has been investigated and remediated. Former Ford Truck repair center. Some VOCs and petroleum in soil, soil vapor and groundwater. Source soil around truck wash bay was removed. Injections of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

carbohydrates were used to reduce VOCs in groundwater. Under current use, the site is low risk. If building is redeveloped in the future, some additional assessment should be conducted beneath building footprint in regard to vapor.

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

Alameda County CS:

Status: Case Closed
Record Id: RO0001091
PE: 5602
Facility Status: Case Closed
Latitude: 37.800870742
Longitude: -122.28601471

BROWNFIELDS:

Global ID: T10000005774
Latitude: 37.801231
Longitude: -122.28632
Project Type: Cleanup Program Site
Status: Open - Assessment & Interim Remedial Action
Status Date: 03/17/2014
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Last Correspondence Date: 08/30/2016
Release Type: Other Type of Release
Contaminant(s) of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Diesel, Gasoline, Naphthalene, Total Petroleum Hydrocarbons (TPH)
Media of Concern: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Past Use(s) that Caused Contamination: VEHICLE MAINTENANCE
Human Health Exposure Controlled: YES
Human Health Exposure Controlled Date: 06/10/2016
Groundwater Migration Controlled: YES
Groundwater Migration Controlled Date: 06/10/2016
Primary Caseworker Name: MARK JOHNSON
Primary Caseworker Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Primary Caseworker Phone Number: 510-622-2493
Primary Caseworker Address: 1515 CLAY STREET, SUITE 1400
Primary Caseworker Address: OAKLAND
Primary Caseworker Address: CA
Primary Caseworker Email: mjohnson@waterboards.ca.gov

SWEEPS UST:

Status: Not reported
Comp Number: 32731
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-032731-000001
Tank Status: Not reported
Capacity: 400
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Number Of Tanks: 1

HIST UST:

File Number: 000364BB
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000364BB.pdf>
Region: STATE
Facility ID: 00000032731
Facility Type: Other
Other Type: TRUCK SALES
Contact Name: Not reported
Telephone: 4158354400
Owner Name: W. B. HARPER JR.
Owner Address: 333 FILBERT ST
Owner City,St,Zip: OAKLAND, CA 94607
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1966
Tank Capacity: 00000400
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 01000660
Regulated By: UTKNI
Regulated ID: 00032731
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158354400
Mail To: Not reported
Mailing Address: 333 FILBERT ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94607
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HAZNET:

envid: 1000391095
Year: 2017
GEPID: CAL000400734
Contact: MARTHA TERRELL
Telephone: 8655392077
Mailing Name: Not reported
Mailing Address: 110 PERIMETER PARK RD STE E
Mailing City,St,Zip: KNOXVILLE, TN 379220000
Gen County: Alameda

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Alameda

envid: 1000391095
Year: 2017
GEPaid: CAL000400734
Contact: MARTHA TERRELL
Telephone: 8655392077
Mailing Name: Not reported
Mailing Address: 110 PERIMETER PARK RD STE E
Mailing City,St,Zip: KNOXVILLE, TN 379220000
Gen County: Alameda
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Waste oil and mixed oil
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Alameda

envid: 1000391095
Year: 2016
GEPaid: CAL000400734
Contact: MARTHA TERRELL
Telephone: 8655392077
Mailing Name: Not reported
Mailing Address: 110 PERIMETER PARK RD STE E
Mailing City,St,Zip: KNOXVILLE, TN 379220000
Gen County: Alameda
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.125
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

HIST CORTESE:

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0531

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

NPDES:

Facility Status: Active
NPDES Number: CAS000001
Region: 2
Agency Number: 0
Regulatory Measure ID: 451714
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 2 011025226
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/05/2015
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 110 Perimeter Park Rd Ste E
Discharge Name: First Student Inc
Discharge City: Knoxville
Discharge State: Tennessee
Discharge Zip: 37922
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: 2
Regulatory Measure ID: 451714
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 2 011025226
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: 01/05/2015
Processed Date: 01/05/2015
Status: Active
Status Date: 01/05/2015
Place Size: 3
Place Size Unit: Acres
Contact: Michael Magnuson
Contact Title: Location Manager
Contact Phone: 513-241-2200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Contact Phone Ext:	Not reported
Contact Email:	michael.magnuson@firstgroup.com
Operator Name:	First Student Inc
Operator Address:	110 Perimeter Park Rd Ste E
Operator City:	Knoxville
Operator State:	Tennessee
Operator Zip:	37922
Operator Contact:	Nan Cutshall
Operator Contact Title:	Senior Environmental Engineer
Operator Contact Phone:	865-539-2077
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	firstgroup@strataenv.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Tennessee
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Oakland Inner Harber
Certifier:	Susan Kirkpatrick
Certifier Title:	Sr Environmental Project Program Mgr
Certification Date:	09-APR-15
Primary Sic:	4151-School Buses
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	451714
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 011025226

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/05/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	First Student Inc
Discharge Address:	110 Perimeter Park Rd Ste E
Discharge City:	Knoxville
Discharge State:	Tennessee
Discharge Zip:	37922
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

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

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: 2 011000919
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: 03/23/1992
Operator Name: East Bay Ford Truck Sales
Operator Address: PO Box 2098
Operator City: Oakland
Operator State: California
Operator Zip: 94604

NPDES as of 03/2018:

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 2
Regulatory Measure ID: 275115
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 2 011000919
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Received Date: 05/09/2008
Processed Date: 03/23/1992
Status: Terminated
Status Date: 03/23/1992
Place Size: 4
Place Size Unit: Acres
Contact: T W Harezlak
Contact Title: Not reported
Contact Phone: 510-272-4400
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: East Bay Ford Truck Sales
Operator Address: PO Box 2098
Operator City: Oakland
Operator State: California
Operator Zip: 94604
Operator Contact: T W Harezlak
Operator Contact Title: Not reported
Operator Contact Phone: 510-272-4400
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported
Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: 510-272-4400
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: San Francisco Bay
Certifier: Not reported
Certifier Title: Not reported
Certification Date: Not reported
Primary Sic: 4213-Trucking, Except Local
Secondary Sic: Not reported
Tertiary Sic: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

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:	2 01I025226
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:	01/05/2015
Operator Name:	First Student Inc
Operator Address:	110 Perimeter Park Rd Ste E
Operator City:	Knoxville
Operator State:	Tennessee
Operator Zip:	37922
NPDES as of 03/2018:	
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	451714
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I025226
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:	01/05/2015
Processed Date:	01/05/2015
Status:	Active
Status Date:	01/05/2015
Place Size:	3
Place Size Unit:	Acres
Contact:	Michael Magnuson
Contact Title:	Location Manager
Contact Phone:	513-241-2200
Contact Phone Ext:	Not reported
Contact Email:	michael.magnuson@firstgroup.com

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Operator Name:	First Student Inc
Operator Address:	110 Perimeter Park Rd Ste E
Operator City:	Knoxville
Operator State:	Tennessee
Operator Zip:	37922
Operator Contact:	Nan Cutshall
Operator Contact Title:	Senior Environmental Engineer
Operator Contact Phone:	865-539-2077
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	firstgroup@strataenv.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Tennessee
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Oakland Inner Harber
Certifier:	Susan Kirkpatrick
Certifier Title:	Sr Environmental Project Program Mgr
Certification Date:	09-APR-15
Primary Sic:	4151-School Buses
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	451714
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 011025226
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Effective Date Of Regulatory Measure: 01/05/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: First Student Inc
Discharge Address: 110 Perimeter Park Rd Ste E
Discharge City: Knoxville
Discharge State: Tennessee
Discharge Zip: 37922
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported
Operator Contact: Not reported
Operator Contact Title: Not reported
Operator Contact Phone: Not reported
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported
Operator Type: Not reported
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

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

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

CIWQS:

Agency: First Student Inc
Agency Address: 110 Perimeter Park Rd Ste E, Knoxville, TN 37922
Place/Project Type: Industrial - School Buses
SIC/NAICS: 4151
Region: 2
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 011025226
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 01/05/2015
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.80123
Longitude: -122.28632

Agency: East Bay Ford Truck Sales
Agency Address: PO Box 2098, Oakland, CA 94604
Place/Project Type: Industrial - Trucking, Except Local
SIC/NAICS: 4213
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 011000919
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 03/23/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST BAY FORD TRUCK (Continued)

1000391095

Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.80086
Longitude: -122.28587

144
NNW
1/2-1
0.838 mi.
4423 ft.

PACIFIC MARINE MAINTENANCE COM
1425 MARITIME STREET
OAKLAND, CA 92626

EMI S100179003
Notify 65 N/A

Relative:
Lower
Actual:
9 ft.

EMI:
Year: 2002
County Code: 1
Air Basin: SF
Facility ID: 8345
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003
County Code: 1
Air Basin: SF
Facility ID: 8345
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MARINE MAINTENANCE COM (Continued)

S100179003

Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

145
North
1/2-1
0.847 mi.
4470 ft.

BUILDING 331 EAST
7 MERRITIME
OAKLAND, CA 92626

Notify 65 **S100179524**
N/A

Relative:
Lower
Actual:
9 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

146
ESE
1/2-1
0.856 mi.
4518 ft.

MICRONESIAN CARGO INTERNATIONAL
955 7TH STREET
OAKLAND, CA 94607

ENVIROSTOR **S112966153**
VCP **N/A**
HAZNET

Relative:
Higher
Actual:
22 ft.

ENVIROSTOR:
Facility ID: 1420129
Status: No Further Action
Status Date: 12/21/1995
Site Code: 200459
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.80269
Longitude: -122.2845
APN: 4-5-4-1
Past Use: UNKNOWN
Potential COC: * UNSPECIFIED OIL CONTAINING WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRONESIAN CARGO INTERNATIONAL (Continued)

S112966153

Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1420129
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Lynn Nakashima
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 200459
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 12/21/1995
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.80269 / -122.2845
APN: 4-5-4-1
Past Use: UNKNOWN
Potential COC: 10196
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRONESIAN CARGO INTERNATIONAL (Continued)

S112966153

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S112966153
Year: 2007
GEPaid: CAC002624091
Contact: RICHARD GONG
Telephone: 5104440955
Mailing Name: Not reported
Mailing Address: 637 BEACON ST
Mailing City,St,Zip: OAKLAND, CA 946103647
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 4.58
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

**AK147
NE
1/2-1
0.865 mi.
4567 ft.**

**MANDELA PARKWAY CORRIDOR
MANDELA PARKWAY BETWEEN 34TH AND 8TH STS
OAKLAND, CA 94607**

**ENVIROSTOR S116165227
VCP N/A**

Site 1 of 2 in cluster AK

**Relative:
Lower
Actual:
11 ft.**

ENVIROSTOR:
Facility ID: 1410118
Status: Certified
Status Date: 06/28/2007
Site Code: 201078
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 10.3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81662
Longitude: -122.2894
APN: NONE SPECIFIED
Past Use: HIGHWAY RIGHT-OF-WAY
Potential COC: Lead TPH-MOTOR OIL
Confirmed COC: Lead TPH-MOTOR OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA PARKWAY CORRIDOR (Continued)

S116165227

Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 1410118
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201078
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 06/28/2007
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.81662 / -122.2894
APN: NONE SPECIFIED
Past Use: HIGHWAY RIGHT-OF-WAY
Potential COC: 30013, 3002502
Confirmed COC: 30013,3002502
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MANDELA PARKWAY CORRIDOR (Continued)

S116165227

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

**AK148
 NE
 1/2-1
 0.874 mi.
 4617 ft.**

**MANDELA GRAND
 MANDELA PARKWAY AND WEST GRAND
 OAKLAND, CA 94607
 Site 2 of 2 in cluster AK**

**ENVIROSTOR S108195929
 VCP N/A**

**Relative:
 Lower
 Actual:
 11 ft.**

ENVIROSTOR:
 Facility ID: 60000433
 Status: Inactive - Needs Evaluation
 Status Date: 08/05/2009
 Site Code: 201723
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 13.5
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Juanita (Nina) Bacey
 Supervisor: Karen Toth
 Division Branch: Cleanup Berkeley
 Assembly: 18
 Senate: 09
 Special Program: Voluntary Cleanup Program
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.81573
 Longitude: -122.2888
 APN: 005-040-0001-01, 005-040-1001-04, 005-040-2004-02, 005-040-2005-02, 005-040-2006-00, 005-041-9001-04, 005-042-0001-03, 005-042-0001-05
 Past Use: MANUFACTURING - METAL, RETAIL - SERVICE STATION
 Potential COC: Lead TPH-diesel TPH-gas TPH-MOTOR OIL Cadmium and compounds
 Confirmed COC: 30024-NO 30025-NO 30108-NO 30013-NO 3002502-NO
 Potential Description: SOIL
 Alias Name: American Steel
 Alias Type: Alternate Name
 Alias Name: Pacific Pipe
 Alias Type: Alternate Name
 Alias Name: 005-040-0001-01
 Alias Type: APN
 Alias Name: 005-040-1001-04
 Alias Type: APN
 Alias Name: 005-040-2004-02
 Alias Type: APN
 Alias Name: 005-040-2005-02
 Alias Type: APN
 Alias Name: 005-040-2006-00
 Alias Type: APN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANDELA GRAND (Continued)

S108195929

Alias Name: 005-041-9001-04
Alias Type: APN
Alias Name: 005-042-0001-03
Alias Type: APN
Alias Name: 005-042-0001-05
Alias Type: APN
Alias Name: 110033608549
Alias Type: EPA (FRS #)
Alias Name: 201723
Alias Type: Project Code (Site Code)
Alias Name: 60000433
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 60000433
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 13.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Juanita (Nina) Bacey
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 201723
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Inactive - Needs Evaluation
Status Date: 08/05/2009
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.81573 / -122.2888
APN: 005-040-0001-01, 005-040-1001-04, 005-040-2004-02, 005-040-2005-02,
005-040-2006-00, 005-041-9001-04, 005-042-0001-03, 005-042-0001-05
Past Use: MANUFACTURING - METAL, RETAIL - SERVICE STATION
Potential COC: 30013, 30024, 30025, 3002502, 30108
Confirmed COC: 30024-NO,30025-NO,30108-NO,30013-NO,3002502-NO

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MANDELA GRAND (Continued)

S108195929

Potential Description: SOIL
 Alias Name: American Steel
 Alias Type: Alternate Name
 Alias Name: Pacific Pipe
 Alias Type: Alternate Name
 Alias Name: 005-040-0001-01
 Alias Type: APN
 Alias Name: 005-040-1001-04
 Alias Type: APN
 Alias Name: 005-040-2004-02
 Alias Type: APN
 Alias Name: 005-040-2005-02
 Alias Type: APN
 Alias Name: 005-040-2006-00
 Alias Type: APN
 Alias Name: 005-041-9001-04
 Alias Type: APN
 Alias Name: 005-042-0001-03
 Alias Type: APN
 Alias Name: 005-042-0001-05
 Alias Type: APN
 Alias Name: 110033608549
 Alias Type: EPA (FRS #)
 Alias Name: 201723
 Alias Type: Project Code (Site Code)
 Alias Name: 60000433
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

149
 WSW
 1/2-1
 0.894 mi.
 4719 ft.

**FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND
 531 ACRES; EASTERN SHORE OF THE SF BAY
 OAKLAND, CA 94625**

**RESPONSE S105418623
 ENVIROSTOR N/A
 HIST Cal-Sites**

Relative:
 Lower
 Actual:
 8 ft.

AWP:
 AWP Facility ID: 01420124
 Region Code: 2
 Region: BERKELEY
 SMBR Branch Code: NO
 SMBR Branch Unit: OMF-NORTHERN CALIF
 Site Name.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Current Status Date: 01011991
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: Closed military facility
Awp Site Type: CLOSED MILITARY BASE
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: HWONG
Supervisor Responsible: Not reported
SIC Code: 42
Facility SIC: TRUCKING & WAREHOUSING
RWQCB Code: Not reported
RWQCB Associated With Site: Not reported
Site Access Controlled: Not reported
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Suspected
Of Contamination Sources: 4
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 16
State Senate District: 09

RESPONSE:

Facility ID: 1420124
Site Type: State Response
Site Type Detail: Closed Base
Acres: 531
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Site Code: 202110
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Certified O&M - Land Use Restrictions Only
Status Date: 06/22/2011
Restricted Use: YES
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 37.80222
Longitude: -122.3155
APN: 0-355-2
Past Use: DEGREASING FACILITY, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, RAIL ROAD MAINTENANCE SHOP, SHIPYARD - TERMINAL, VEHICLE MAINTENANCE, PORT, UNDERGROUND STORAGE TANKS, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Potential COC : Arsenic Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Confirmed COC: 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride DDT Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs
Arsenic Benzene Lead TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride TPH-MOTOR OIL DDT Polynuclear aromatic hydrocarbons (PAHs Polychlorinated biphenyls (PCBs
Potential Description: OTH, SED
Alias Name: Not reported
Alias Type: Not reported
Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1420124
Status: Certified O&M - Land Use Restrictions Only
Status Date: 06/22/2011
Site Code: 202110
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 531
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 37.80222
Longitude: -122.3155
APN: 0-355-2
Past Use: DEGREASING FACILITY, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, RAIL ROAD MAINTENANCE SHOP, SHIPYARD - TERMINAL, VEHICLE MAINTENANCE, PORT, UNDERGROUND STORAGE TANKS, UNKNOWN, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Potential COC: Arsenic Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Confirmed COC: Arsenic DDT Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-MOTOR OIL
Arsenic Benzene Lead TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride TPH-MOTOR OIL Arsenic DDT Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-MOTOR OIL Polychlorinated biphenyls (PCBs

Potential Description: OTH, SED

Alias Name: Not reported

Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported

Completed Sub Area Name: Not reported

Completed Document Type: Not reported

Completed Date: Not reported

Comments: Not reported

Future Area Name: Not reported

Future Sub Area Name: Not reported

Future Document Type: Not reported

Future Due Date: Not reported

Schedule Area Name: Not reported

Schedule Sub Area Name: Not reported

Schedule Document Type: Not reported

Schedule Due Date: Not reported

Schedule Revised Date: Not reported

Calsite:

Region: BERKELEY

Facility ID: 01420124

Facility Type: CLOSE

Type: CLOSED MILITARY BASE

Branch: NO

Branch Name: OMF-NORTHERN CALIF

File Name: Not reported

State Senate District: 01011991

Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE

Status Name: ANNUAL WORKPLAN - ACTIVE SITE

Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL

NPL: Not Listed

SIC Code: 42

SIC Name: TRUCKING & WAREHOUSING

Access: Not reported

Cortese: Not reported

Hazardous Ranking Score: Not reported

Date Site Hazard Ranked: Not reported

Groundwater Contamination: Suspected

Staff Member Responsible for Site: HWONG

Supervisor Responsible for Site: Not reported

Region Water Control Board: Not reported

Region Water Control Board Name: Not reported

Lat/Long Direction: Not reported

Lat/Long (dms): 0 0 0 / 0 0 0

Lat/long Method: Not reported

Lat/Long Description: Not reported

State Assembly District Code: 16

State Senate District Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Facility ID: 01420124
Activity: DEED
Activity Name: DEED RESTRICTIONS
AWP Code: BSWD
Proposed Budget: 0
AWP Completion Date: 02222001
Revised Due Date: Not reported
Comments Date: 02222001
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: BSWD
Proposed Budget: 0
AWP Completion Date: 04302014
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: ONSH
Proposed Budget: 0
AWP Completion Date: 10262000
Revised Due Date: Not reported
Comments Date: 10262000
Est Person-Yrs to complete: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: ONSH
Proposed Budget: 0
AWP Completion Date: 05232000
Revised Due Date: Not reported
Comments Date: 05232000
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: OFFSH
Proposed Budget: 0
AWP Completion Date: 06241999
Revised Due Date: Not reported
Comments Date: 06241999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: CERFA
Activity Name: COMMUNITY ENVIRONMENTAL RESPONSE FACILITATION ACT
AWP Code: FISCO
Proposed Budget: 0
AWP Completion Date: 02281997
Revised Due Date: Not reported
Comments Date: 02281997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: LS4/5
Proposed Budget: 0
AWP Completion Date: 06201996
Revised Due Date: Not reported
Comments Date: 06201996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 212
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RA
Activity Name: REMOVAL ACTION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

AWP Code: 740
Proposed Budget: 0
AWP Completion Date: 12051996
Revised Due Date: Not reported
Comments Date: 12051996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 50
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: PETROLEUM AND SOLVENT CONTAMINATED SOIL WAS EXCAVATED FROM UST 740. EXCAVATED WAS FIRST STORED IN COVERED ROLL-OFF BINS AND THEN SHIPPED OFF-SITE AND DISPOSED OF AT A PERMITTED FACILITY.

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: 6 STS
Proposed Budget: 0
AWP Completion Date: 08061996
Revised Due Date: Not reported
Comments Date: 08061996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 1075
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: SOIL CONTAMINATED WITH PCBS, BIS (2-ETHYLHEXYL)PHTHALATE, AND POLYCHLORINATED BIPHENYL WERE EXCAVATED FROM LOT 111612,642,643,644, B LDG 511-E,710.EXCAVATED SOILS SHIPPED TO PERMITTED FACILITY.

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: LS3B
Proposed Budget: 0
AWP Completion Date: 03291996
Revised Due Date: Not reported
Comments Date: 03291996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: BWEBS
Activity Name: BASEWIDE ENVIRONMENTAL BASELINE SURVEY
AWP Code: 526AC
Proposed Budget: 0
AWP Completion Date: 03281996
Revised Due Date: Not reported
Comments Date: 03281996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: NARAP
Proposed Budget: 0
AWP Completion Date: 12011995
Revised Due Date: Not reported
Comments Date: 12011995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: L2A3A
Proposed Budget: 0
AWP Completion Date: 10311995
Revised Due Date: Not reported
Comments Date: 10311995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 190
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: STORM
Proposed Budget: 0
AWP Completion Date: 05301995
Revised Due Date: Not reported
Comments Date: 05301995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: FOSL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: LS2
Proposed Budget: 0
AWP Completion Date: 05051995
Revised Due Date: Not reported
Comments Date: 05051995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 25
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: ESI
Proposed Budget: 0
AWP Completion Date: 04301995
Revised Due Date: Not reported
Comments Date: 04301995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: 645
Proposed Budget: 0
AWP Completion Date: 07191995
Revised Due Date: Not reported
Comments Date: 07191995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: REMOVED APPROXIMATELY 4 INCHES OF SOIL CONTAMINATED WITH SPENT SAND-BLAST ABRASIVE AND ASSOCIATED METALS.

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: FOSL
Activity Name: FINDING OF SUITABILITY TO LEASE
AWP Code: LS1
Proposed Budget: 0
AWP Completion Date: 01311995
Revised Due Date: Not reported
Comments Date: 01311995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 76
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 09011994
Revised Due Date: Not reported
Comments Date: 09011994
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 280
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Activity Comments: EXCAVATE AND DISPOSE SOIL CONTAINING PCBS AND LEAD TO AN OFF-SITE CLASS I LANDFILL.

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: PPP
Activity Name: PUBLIC PARTICIPATION PLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 10281993
Revised Due Date: Not reported
Comments Date: 10281993
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 06161988
Revised Due Date: Not reported
Comments Date: 06161988
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: SS
Activity Name: SITE SCREENING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

AWP Code: NSC
Proposed Budget: 0
AWP Completion Date: 04031987
Revised Due Date: Not reported
Comments Date: 04031987
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: BSWD
Proposed Budget: 0
AWP Completion Date: 06302005
Revised Due Date: 06302007
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: BASWD
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 05071999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: 740
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12011995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: LT645
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11161994
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01420124
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: FFA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09291992
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 531 ACRES; EASTERN SHORE OF THE SF BAY
Alternate City,St,Zip: OAKLAND, CA 94625
Alternate Address: 541 ACRES; EASTERN SHORE OF THE SF BAY
Alternate City,St,Zip: OAKLAND, CA 94625
Alternate Address: PORT OF OAKLAND 530 WATER STREET, 2 FLR
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: Fleet and Industrial Supply Center Oakland (FISCO) is a former Navy facility that provided supplies and support services to fleet units and shore activities. The Navy established the site as the Naval Supply Depot in December 1941. Between 1990 and 1992, the Navy identified 99 potential sites of contamination. 25 of the potential sites were identified as Installation Restoration Sites for additional investigation and potential cleanup activities. Of those 25 sites, 11 sites were recommended for no further action and subsequently approved as no action sites in 1995. Of the remaining 14 installation Restoration sites, 4 were designated as no further action sites as a result of removal actions or investigation results and 10 were investigated further as part of the phase II Remedial Investigation. The remedial response strategy implemented at FISCO has mirrored the Environmental Protection Agency's Superfund Accelerated Cleanup Model approach. This strategy has included the early identification and removal of contaminated media that pose risks to human health or the environment, or are sources of groundwater contamination. 4 removal actions have taken place at FISCO to address soil contamination and sources of groundwater contamination. As a result of the early identification and removal strategy, no remaining areas of soil or groundwater contamination require cleanup to reduce risks to human health or the environment. On September 30, 1998, FISCO was established as scheduled under the Defense Base Closure and Realign

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

ment Act of 1993. Governor Gray Davis determined that 201 acres of FISCO property are suitable for early transfer in May 1999. The Navy completed the transfer of the entire 531 acres of the former FISCO property to the Port of Oakland in June 1999. The area will be developed for intermodal marine terminal, railroad and truck cargo activities in accordance with the Vision 2000 Program.

Comments Date: 09261981
Comments: 6/82): Violations include hazardous waste stored longer than one
Comments Date: 09261981
Comments: year without written approval, damaged storage containers, and inadequate separation of incompatible wastes. On 2/4/83, letter
Comments Date: 09261981
Comments: from Dept of Navy to DHS: Contract with IT Corp for handling & disposal of all hazardous wastes required to cancel ISD. On 3/01/
Comments Date: 09261981
Comments: 84: Preliminary Assessment: 1980 Incident - seventy-five gallons of PCB-oil drained off paved area into drainage ditch on west side, several miles from open waters of the bay on Oakland inner harbor. Clean-up done by Navy contractor. Sources of Activity - storage area & old transformer storage area; transformers at lot 7
Comments Date: 09261981
Comments: 10. Records Search - 02-17-83 DHS letter to Captain Plante; waste stored in drums, uncovered bags, no berms around waste. DHS has scheduled a second inspection. Preliminary Assessment (RCRA 3012) submitted to EPA.
Comments Date: 10041994
Comments: Name Change - Historically, this site has been referenced as the Oakland Naval Supply Center (NSC)
Comments Date: 10262000
Comments: RAP - ONSH -- Completion of the Remedial Action Plan for the Onshore Operable Unit.
Comments Date: 10281993
Comments: PPP -- The Public Participation Plan (PPP) has been reviewed and approved by the Department's Regional Project Manager and Public Participation Specialist on October 28, 1993.
Comments Date: 11161994
Comments: CEQA - LT645 -- A CEQA package was prepared and approved for the Removal Action at Lot 645. 200 cubic yards of soil containing sandblast grit and associated metals will be removed.
Comments Date: 12011995
Comments: CEQA 740 CEQA for Removal Action at Building 740.
Comments Date: 01311991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Comments: This is the date the site was first listed pursuant to
Comments Date: 01311991
Comments: section 25356.
Comments Date: 01311991
Comments: Soils are stained with oily waste and paint. One site is
Comments Date: 01311991
Comments: contaminated with PCB.
Comments Date: 02022001
Comments: DEED - BSWD -- Completion of the Land Use Covenant as required
Comments Date: 02022001
Comments: by the Remedial Action Plan for the Onshore Operable Unit.
Comments Date: 02022001
Comments: Not reported
Comments Date: 04301995
Comments: PEA ESI 04-30-1995 Expanded Site Investigation to complete PA/
Comments Date: 04301995
Comments: SI and bring all investigation activities to the same level prior
Comments Date: 04301995
Comments: to Phase I RI.
Comments Date: 05071999
Comments: Completion of a Consent Agreement of the early transfer of 201 ac
Comments Date: 05071999
Comments: res of FISCO property.
Comments Date: 05232000
Comments: Completion of the Remedial Investigation Report and Feasibility S
Comments Date: 05232000
Comments: tudy Report for the Onshore Operable Unit.
Comments Date: 05301995
Comments: RA STORM Emergency removal action to clean out storm drain catch
Comments Date: 05301995
Comments: basins in the vicinity of Installation Restoration sites in order
Comments Date: 05301995
Comments: to minimize transport of contaminants to San Francisco Bay. Volu
Comments Date: 05301995
Comments: me Treated, Stabilized, or Disposed: 42 cu yards 21,000 gallons.
Comments Date: 06161988
Comments: Site Screening Done: Site is within recognized seismic activity r
Comments Date: 06161988
Comments: egion. There are twenty underground fuel tanks on site. Ten are a
Comments Date: 06161988
Comments: ctive. Dept of Navy has conducted a Preliminary Assessment; conta
Comments Date: 06161988
Comments: minants unknown.
Comments Date: 06241999
Comments: RAP - OFFSH -- DTSC, RWQCB and the Port of Oakland signed the Off
Comments Date: 06241999
Comments: shore Sediment OU RAP.
Comments Date: 07191995
Comments: RA 645 Remove approximately 4 inches of soil contaminated with sp
Comments Date: 07191995
Comments: ent sand-blast abrasive and associated metals.
Comments Date: 09011994
Comments: This removal action is to excavate and dispose soil contain- ing
Comments Date: 09011994
Comments: polychlorinated biphenyls (PCB) and lead to an off site class 1 I
Comments Date: 09011994
Comments: andfill. The estimated volume of removal of PCB - contaminated s

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND (Continued)

S105418623

Comments Date: 09011994
 Comments: oil is approximately 117 cubic yards and resulted in about 150 cu
 Comments Date: 09011994
 Comments: bic yards of lead - contaminated soil being excavated and dispose
 Comments Date: 09011994
 Comments: d of.
 Comments Date: 09261981
 Comments: NSC: Facility identified from EPA Superfund List. Some leakage
 Comments Date: 09261981
 Comments: may have occurred. On 10/02/81 site referred to HMMS/Enforcemen
 Comments Date: 09261981
 Comments: t. On 11/11/82, DHS Region 2 ISD Compliance Inspection (also 11/1
 ID Name: EPA IDENTIFICATION NUMBER
 ID Value: CA4170090027
 ID Name: BEP DATABASE PCODE
 ID Value: P23044
 Alternate Name: OAKLAND NAVAL SUPPLY CENTER (NSC)
 Alternate Name: NAVAL SUPPLY CENTER OAKLAND
 Alternate Name: FLEET INDUSTRIAL SUPPLY CENTER, OAKLAND
 Alternate Name: Not reported
 Special Programs Code: R3012
 Special Programs Name: RCRA 3012
 Special Programs Code: DSMOA
 Special Programs Name: DEFENSE MEMORANDUM OF AGREEMENT

AL150
NNE
1/2-1
0.906 mi.
4785 ft.

BNSF WOOD STREET YARD
WOOD STREET & WEST GAND AVENUE
OAKLAND, CA 94607

RESPONSE
ENVIROSTOR
HIST Cal-Sites
DEED

S106568694
N/A

Site 1 of 3 in cluster AL

Relative:
Lower
Actual:
10 ft.

AWP:
 AWP Facility ID: 01400017
 Region Code: 2
 Region: BERKELEY
 SMBR Branch Code: NC
 SMBR Branch Unit: NORTH COAST
 Site Name.: Not reported
 Current Status Date: 07202004
 Current Status: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency Code: DTSC
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 Facility Type: responsible party
 Awp Site Type: RESPONSIBLE PARTY
 NPL: Not Listed
 Tier Of AWP Site: Not reported
 Source Of Funding: Not reported
 Responsible Staff Member: EGILLERA
 Supervisor Responsible: Not reported
 SIC Code: 40
 Facility SIC: RAILROAD TRANSPORTATION
 RWQCB Code: SF
 RWQCB Associated With Site: SAN FRANCISCO BAY
 Site Access Controlled: Not reported
 Site Listed HWS List: Not reported
 Hazard Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BNSF WOOD STREET YARD (Continued)

S106568694

Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 16
State Senate District: 09

RESPONSE:

Facility ID: 1400017
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.03
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201016
Site Mgmt. Req.: DAY, ELD, HOS, EX, OIL, NOWN, NDEV, NSUB, HS, SCH, FOOD, RES
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Certified O&M - Land Use Restrictions Only
Status Date: 06/28/2006
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.81924
Longitude: -122.2937
APN: 007-0581-010-00, 024 053600100, 501-42-2, 50142-2
Past Use: RAILROAD RIGHT OF WAY
Potential COC : Arsenic TPH-diesel
Confirmed COC: TPH-diesel Arsenic
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1400017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BNSF WOOD STREET YARD (Continued)

S106568694

Status: Certified O&M - Land Use Restrictions Only
Status Date: 06/28/2006
Site Code: 201016
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.03
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: DAY, ELD, HOS, EX, OIL, NOWN, NDEV, NSUB, HS, SCH, FOOD, RES
Funding: Responsible Party
Latitude: 37.81924
Longitude: -122.2937
APN: 007-0581-010-00, 024 053600100, 501-42-2, 50142-2
Past Use: RAILROAD RIGHT OF WAY
Potential COC: Arsenic TPH-diesel
Confirmed COC: TPH-diesel Arsenic
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:

Region: BERKELEY
Facility ID: 01400017
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 07202004
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BNSF WOOD STREET YARD (Continued)

S106568694

NPL: Not Listed
SIC Code: 40
SIC Name: RAILROAD TRANSPORTATION
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: EGILLERA
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: Not reported
Activity: Not reported
Activity Name: Not reported
AWP Code: Not reported
Proposed Budget: Not reported
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: Not reported
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: Not reported
Definition of Status: Not reported
Liquids Removed (Gals): Not reported
Liquids Treated (Gals): Not reported
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: Not reported
For Industrial Reuse: Not reported
For Residential Reuse: Not reported
Unknown Type: Not reported
Alternate Address: WOOD STREET & WEST GAND AVENUE
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: Subject site consists of two (2) parcels; both parcels were part of an active railyard from approximately the 1930's through the early 1990's. Portions of the site have been incorporated with the Cypress Freeway reconstruction project.
Comments Date: Not reported
Comments: Not reported
ID Name: CALSTARS CODE
ID Value: 201016
Alternate Name: BNSF WOOD STREET YARD
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BNSF WOOD STREET YARD (Continued)

S106568694

DEED:

Envirostor ID: 1400017
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

AL151
NNE
1/2-1
0.914 mi.
4827 ft.

LDS TRUCKING
2233 WOOD STREET
OAKLAND, CA 94607
Site 2 of 3 in cluster AL

ENVIROSTOR S102008225
VCP N/A

Relative:
Lower
Actual:
10 ft.

ENVIROSTOR:
Facility ID: 1420127
Status: Certified
Status Date: 07/07/2008
Site Code: 200456
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.82024
Longitude: -122.2926
APN: NONE SPECIFIED
Past Use: RETAIL - SERVICE STATION
Potential COC: Lead TPH-gas
Confirmed COC: Lead TPH-gas
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LDS TRUCKING (Continued)

S102008225

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Facility ID: 1420127
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.25
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200456
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 07/07/2008
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.82024 / -122.2926
APN: NONE SPECIFIED
Past Use: RETAIL - SERVICE STATION
Potential COC: 30013, 30025
Confirmed COC: 30013,30025
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL152 **ARMY-NAVY DISTRIBUTING CENTER (J09CA0753)**
NNE **2233 WOOD STREET**
1/2-1 **EMERYVILLE, CA 94608**
0.920 mi.
4855 ft. **Site 3 of 3 in cluster AL**

ENVIROSTOR **S109348517**
 N/A

Relative:
Lower
Actual:
10 ft.

ENVIROSTOR:
Facility ID: 80000374
Status: No Further Action
Status Date: 06/30/2008
Site Code: 201753
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 3.08
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Carrie Tatoian-Cain
Supervisor: Charles Ridenour
Division Branch: Cleanup Sacramento
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 37.82027
Longitude: -122.2925
APN: NONE SPECIFIED
Past Use: TRANSPORTATION - WAREHOUSING
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: CA99799F569600
Alias Type: Federal Facility ID
Alias Name: J09CA0753
Alias Type: INPR
Alias Name: 201753
Alias Type: Project Code (Site Code)
Alias Name: 80000374
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/26/2008
Comments: DTSC concurred No Action is required. In the event new information indicates DoD activities have impacted the environment during DoD past ownership and operation, DTSC reserves the right to require additional investigation.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMY-NAVY DISTRIBUTING CENTER (J09CA0753) (Continued)

S109348517

Schedule Revised Date: Not reported

**153
NE
1/2-1
0.965 mi.
5093 ft.**

**COMMERCIAL BUILDINGS
1250-1276, 1284 W. GRAND & 2232 POPLAR
OAKLAND, CA 94607**

**RESPONSE
ENVIROSTOR
HIST Cal-Sites
Cortese
CERS**

**S105861003
N/A**

**Relative:
Lower
Actual:
12 ft.**

AWP:
AWP Facility ID: 01720110
Region Code: 2
Region: BERKELEY
SMBR Branch Code: NC
SMBR Branch Unit: NORTH COAST
Site Name.: COMMERCIAL BUILDINGS
Current Status Date: 06102003
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: responsible party
Awp Site Type: RESPONSIBLE PARTY
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: C
Responsible Staff Member: JNAITO
Supervisor Responsible: Not reported
SIC Code: 72
Facility SIC: PERSONAL SERVICES
RWQCB Code: SF
RWQCB Associated With Site: SAN FRANCISCO BAY
Site Access Controlled: Not reported
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 16
State Senate District: 09

RESPONSE:
Facility ID: 1720110
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.67
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Moises Carvalho
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201386
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL BUILDINGS (Continued)

S105861003

Senate: 09
Special Program Status: Not reported
Status: Active
Status Date: 06/10/2003
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.81654
Longitude: -122.2865
APN: 005-042400600
Past Use: DRY CLEANING
Potential COC : Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride
1,2-Dichloroethylene (cis
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride
1,2-Dichloroethylene (cis
Potential Description: OTH, SOIL, SV
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1720110
Status: Active
Status Date: 06/10/2003
Site Code: 201386
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.67
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Moises Carvalho
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81654
Longitude: -122.2865

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL BUILDINGS (Continued)

S105861003

APN: 005-042400600
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Potential Description: OTH, SOIL, SV
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Region: BERKELEY
Facility ID: 01720110
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: COMMERCIAL BUILDINGS
State Senate District: 06102003
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 72
SIC Name: PERSONAL SERVICES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: JNAITO
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL BUILDINGS (Continued)

S105861003

Facility ID: 01720110
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: IS&E
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 07092003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01720110
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07312005
Revised Due Date: 07312006
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01720110
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 01312006
Revised Due Date: 01312007
Comments Date: Not reported
Est Person-Yrs to complete: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL BUILDINGS (Continued)

S105861003

Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01720110
Activity: DES
Activity Name: DESIGN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 04302006
Revised Due Date: 04302007
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01720110
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 09302007
Revised Due Date: 09302008
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL BUILDINGS (Continued)

S105861003

Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01720110
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 10312007
Revised Due Date: 12312008
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 1250-1276, 1284 W. GRAND & 2232 POPLAR
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: The approximately 2/3 acre Site is flat and contains four one-story buildings, an asphalt parking lot, a wood and steel shed and a dirt vacant lot. The 1284 West Grand property formerly contained a dry cleaner. PCE and other volatile organic compounds have been detected in soil, groundwater and indoor air.
Not reported
Not reported
Not reported
Not reported
Comments Date: 07092003
Comments: Issued Order to current and past owners and operators.
ID Name: CALSTARS CODE
ID Value: 201386
Alternate Name: COMMERCIAL BUILDINGS
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

CORTESE:

Region: CORTESE
Envirostor Id: 1720110
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 06/10/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL BUILDINGS (Continued)

S105861003

Site Code: 201386
Latitude: 37.816549
Longitude: -122.28659
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

CERS TANKS:

Site ID: 336272
CERS ID: 01720110
CERS Description: State Response

Affiliation:

Affiliation Type Desc: Lead Project Manager
Entity Name: Moises Carvalho
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: BERKELEY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor
Entity Name: MARK PIROS
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

AM154 ROBERTS TIRES
ESE 4333 MCARTHUR BOULEVARD
1/2-1 OAKLAND, CA 94619
0.966 mi.
5099 ft. Site 1 of 3 in cluster AM

Relative:
Higher
Actual:
15 ft.

SEMS:

Site ID: 905732
EPA ID: CAD053044053
Cong District: Not reported
FIPS Code: 6001

SEMS 1015730631
CORRACTS CAD053044053
RCRA-TSDF
RCRA-LQG
US INST CONTROL
2020 COR ACTION
LEAD SMELTERS
FINDS
ECHO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Latitude: 37.804456000000002
Longitude: -122.271356
FF: N
NPL: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region: 9
Site ID: 905732
EPA ID: CAD053044053
Site Name: ROBERTS TIRES
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2000-11-29 00:00:00
Finish Date: 11/29/2000
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 905732
EPA ID: CAD053044053
Site Name: ROBERTS TIRES
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 2001-01-01 00:00:00
Finish Date: 5/30/2001
Qual: H
Current Action Lead: St Perf

CORRACTS:

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20171115
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20171017
Action: CA999RM - Corrective Action Process Terminated, Remedial Activities Completed
NAICS Code(s): 562112
Hazardous Waste Collection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Original schedule date: 20171003
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170816
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170503
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170322
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: 20170331
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170120
Action: CA772PR
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: 20170123
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20161207
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: 20161231
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160914

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20160930
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160701
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20160708
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160622
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20160630
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160315
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20160331
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20150928
Action: CA550RC
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20150930
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20150925
Action: CA350 - CMS Approved
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20150825
Schedule end date: Not reported

EPA ID: CAD053044053

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20150630
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20150626
Schedule end date: 20150630

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20150617
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20150621
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20141015
Action: CA340 - CMS Report Received
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20141017
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20140709
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20140720
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20140415
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20140425
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20140414
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 562112
Hazardous Waste Collection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Original schedule date: 20140411
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20131217
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20131211
Schedule end date: 20131216

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20131022
Action: CA260 - CMS Workplan Received
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20131021
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20130820
Action: CA200 - RFI Approved
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20130901
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20130625
Action: CA190 - RFI Report Received
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20130301
Schedule end date: 20130624

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20130402
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20130327
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20130128

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20130115
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20121105
Action: CA160 - RFI Supplemental Information Received
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20121001
Schedule end date: 20121105

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20120928
Action: CA200 - RFI Approved
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20121017
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20120703
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human
Exposures Under Control has been verified
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20120729
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20120316
Action: CA190 - RFI Report Received
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20111215
Schedule end date: 20120316

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20120116
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: Not reported
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20111104
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20111109
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20110629
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20110622
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100614
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20100608
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100614
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20100608
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100409
Action: CA110 - RFI Workplan Received
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 20100412
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100216
Action: CA200 - RFI Approved
NAICS Code(s): 562112
Hazardous Waste Collection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20090921
Action: CA190 - RFI Report Received
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000406
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: 20000506
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000406
Action: CA260 - CMS Workplan Received
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19960520
Action: CA200 - RFI Approved
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19960223
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 562112
Hazardous Waste Collection

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19960201

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Action: CA110 - RFI Workplan Received

NAICS Code(s): 562112

Hazardous Waste Collection

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD053044053

EPA Region: 9

Area Name: ENTIRE FACILITY

Actual Date: 19960101

Action: CA100 - RFI Imposition

NAICS Code(s): 562112

Hazardous Waste Collection

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD053044053

EPA Region: 9

Area Name: ENTIRE FACILITY

Actual Date: 19930618

Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

NAICS Code(s): 562112

Hazardous Waste Collection

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD053044053

EPA Region: 9

Area Name: ENTIRE FACILITY

Actual Date: 19930616

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): 562112

Hazardous Waste Collection

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD053044053

EPA Region: 9

Area Name: ENTIRE FACILITY

Actual Date: 19920329

Action: CA250 - CMS Imposition

NAICS Code(s): 562112

Hazardous Waste Collection

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: CAD053044053

EPA Region: 9

Area Name: ENTIRE FACILITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Actual Date: 19920329
Action: CA100 - RFI Imposition
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19900927
Action: CA050 - RFA Completed
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 19900927
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19900927
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD053044053
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19900927
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 562112
Hazardous Waste Collection
Original schedule date: 19900927
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 03/13/2008
Facility name: SAFETY-KLEEN SYSTEMS INC
Facility address: 400 MARKET STREET
OAKLAND, CA 94607
EPA ID: CAD053044053
Mailing address: 1502 E VILLA STREET
2ND FLOOR EHS
ELGIN, IL 60120
Contact: WILLIAM COLEMAN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 209-545-1011
Contact email: WILLIAM.COLEMAN@SAFETY-KLEEN.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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 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: SAFETY-KLEEN SYSTEMS INC
Owner/operator address: 5400 LEGACY DRIVE
PLANO, TX 75024
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: 04/18/1990
Owner/Op end date: Not reported

Owner/operator name: SAFETY-KLEEN SYSTEMS INC
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: 04/18/1990
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Used oil transporter: Yes

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS 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

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D021
. Waste name: CHLORO BENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: D026

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D032
. Waste name: HEXACHLOROBENZENE

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D037
. Waste name: PENTRACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

. Waste code: D042
. Waste name: 2,4,6-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 NON-HALOGENATED 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 NON-HALOGENATED 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: 03/20/2006
Site name: SAFETY-KLEEN SYSTEMS, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE

- . Waste code: D021
- . Waste name: CHLOROBENZENE

- . Waste code: D022
- . Waste name: CHLOROFORM

- . Waste code: D023
- . Waste name: O-CRESOL

- . Waste code: D024
- . Waste name: M-CRESOL

- . Waste code: D025
- . Waste name: P-CRESOL

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: D027
- . Waste name: 1,4-DICHLOROBENZENE

- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE

- . Waste code: D029
- . Waste name: 1,1-DICHLOROETHYLENE

- . Waste code: D030
- . Waste name: 2,4-DINITROTOLUENE

- . Waste code: D032
- . Waste name: HEXACHLOROBENZENE

- . Waste code: D033
- . Waste name: HEXACHLOROBUTADIENE

- . Waste code: D034
- . Waste name: HEXACHLOROETHANE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D036
- . Waste name: NITROBENZENE

- . Waste code: D037
- . Waste name: PENTRACHLOROPHENOL

- . Waste code: D038
- . Waste name: PYRIDINE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

- . Waste code: D041
- . Waste name: 2,4,5-TRICHLOROPHENOL

- . Waste code: D042
- . Waste name: 2,4,6-TRICHLOROPHENOL

- . Waste code: D043
- . Waste name: VINYL CHLORIDE

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROENZENE, 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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

MAP FINDINGS

ROBERTS TIRES (Continued)

1015730631

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/29/2004

Site name: SAFETY-KLEEN SYSTEMS INC

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D022
- . Waste name: CHLOROFORM

- . Waste code: D027
- . Waste name: 1,4-DICHLOROETHANE

- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING 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 F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . 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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/28/2002
Site name: SAFETY-KLEEN SYSTEMS, INC.
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: SAFETY-KLEEN SYSTEMS, INC.--OAKLAND
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: SAFETY-KLEEN CORP - OAKLAND, CA
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SAFETY KLEEN CORP 7 178 01
Classification: Small Quantity Generator

Date form received by agency: 04/04/1996
Site name: SAFETY KLEEN CORP
Classification: Large Quantity Generator

Date form received by agency: 03/25/1994
Site name: SAFETY-KLEEN CORP
Classification: Large Quantity Generator

Date form received by agency: 03/31/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Site name: SAFETY-KLEEN CORP (7-178-01)
Classification: Small Quantity Generator

Date form received by agency: 04/12/1990

Site name: SAFETY-KLEEN CORP (7-178-01)
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980

Site name: SAFETY KLEEN CORP 7 178 01
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 09/27/1990
Event: RFA COMPLETED

Event date: 09/27/1990
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 09/27/1990
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 03/29/1992
Event: INVESTIGATION IMPOSITION

Event date: 03/29/1992
Event: CMS IMPOSITION

Event date: 06/16/1993
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 06/18/1993
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 01/01/1996
Event: INVESTIGATION IMPOSITION

Event date: 02/01/1996
Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 02/23/1996
Event: INVESTIGATION WORKPLAN APPROVED

Event date: 05/20/1996
Event: INVESTIGATION COMPLETE

Event date: 04/06/2000
Event: CMS WORKPLAN APPROVED

Event date: 04/06/2000
Event: CMS WORKPLAN RECEIVED

Event date: 09/21/2009
Event: INVESTIGATION REPORT RECEIVED

Event date: 02/16/2010
Event: INVESTIGATION COMPLETE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Event date:	04/09/2010
Event:	INVESTIGATION WORKPLAN RECEIVED
Event date:	06/14/2010
Event:	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	06/14/2010
Event:	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Event date:	06/29/2011
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	11/04/2011
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	01/16/2012
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	03/16/2012
Event:	INVESTIGATION REPORT RECEIVED
Event date:	07/03/2012
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	09/28/2012
Event:	INVESTIGATION COMPLETE
Event date:	11/05/2012
Event:	INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED
Event date:	01/28/2013
Event:	INVESTIGATION SUPPLEMENTAL INFO DEEMED SATISFACT
Event date:	04/02/2013
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	06/25/2013
Event:	INVESTIGATION REPORT RECEIVED
Event date:	08/20/2013
Event:	INVESTIGATION COMPLETE
Event date:	10/22/2013
Event:	CMS WORKPLAN RECEIVED
Event date:	12/17/2013
Event:	CMS WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	04/14/2014
Event:	CMS WORKPLAN APPROVED
Event date:	04/15/2014
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	07/09/2014
Event:	INVESTIGATION IMPLEMENTATION BEGUN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Event date:	10/15/2014
Event:	CMS REPORT RECEIVED
Event date:	06/17/2015
Event:	DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Event date:	06/30/2015
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	09/25/2015
Event:	CMS COMPLETE
Event date:	09/28/2015
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Event date:	03/15/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	06/22/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	07/01/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	09/14/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	12/07/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	01/20/2017
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL
Event date:	03/22/2017
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	05/03/2017
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	08/16/2017
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	10/17/2017
Event:	CA PROCESS IS TERMINATED-REMEDIAL ACTIVITIES COMPLETE
Event date:	11/15/2017
Event:	INVESTIGATION IMPLEMENTATION BEGUN

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	TSD - General
Date violation determined:	01/23/2007
Date achieved compliance:	01/24/2007
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	01/23/2007
Enf. disposition status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: Not reported
Area of violation: Transporters - General
Date violation determined: 06/27/2005
Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
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: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 06/27/2005
Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
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: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/29/2002
Date achieved compliance: 01/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/2003
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: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 10/29/2002
Date achieved compliance: 01/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
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: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 04/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 190400
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
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: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 04/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 190400
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
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: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 12/20/2000
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/21/2000
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: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 12/20/2000
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 04/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Final penalty amount: 190400
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 09/16/1998
Date achieved compliance: 11/19/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/16/1998
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: 07/14/1994
Date achieved compliance: 08/31/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/28/1994
Date achieved compliance: 07/14/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/24/1994
Date achieved compliance: 06/28/1994
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/18/1994
Date achieved compliance: 06/24/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/12/1994
Date achieved compliance: 05/18/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/26/1994
Date achieved compliance: 04/27/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/15/1993
Date achieved compliance: 11/16/1993
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/16/1993
Date achieved compliance: 11/15/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/16/1993
Date achieved compliance: 09/16/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/11/1993
Date achieved compliance: 08/16/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/02/1993
Date achieved compliance: 08/11/1993
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: FR - 262.30-34.C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Area of violation: Generators - General
Date violation determined: 07/27/1993
Date achieved compliance: 10/22/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/13/1993
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 - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 07/19/1993
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/13/1993
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 - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 07/19/1993
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1993
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: 06/24/1993
Date achieved compliance: 07/27/1993
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: FR - 262.10-12.A
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date violation determined: 06/16/1993
Date achieved compliance: 06/21/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/17/1993
Date achieved compliance: 06/07/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/11/1993
Date achieved compliance: 05/17/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/09/1993
Date achieved compliance: 03/24/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/24/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 03/09/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/03/1992
Date achieved compliance: 12/10/1992
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/08/1992
Date achieved compliance: 11/03/1992
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/27/1992
Date achieved compliance: 04/23/1992
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/24/1992
Date achieved compliance: 03/27/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/19/1992
Date achieved compliance: 03/24/1992
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 09/26/1991
Date achieved compliance: 10/07/1991
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: 06/19/1991
Date achieved compliance: 10/07/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/29/1991
Date achieved compliance: 05/02/1991
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 03/28/1991
Date achieved compliance: 03/29/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/26/1991
Date achieved compliance: 03/28/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/21/1991
Date achieved compliance: 03/26/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/14/1991
Date achieved compliance: 03/21/1991
Violation lead agency: State
Enforcement action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 02/26/1991
Date achieved compliance: 03/14/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/25/1991
Date achieved compliance: 02/26/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/20/1991
Date achieved compliance: 02/25/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/19/1991
Date achieved compliance: 02/20/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 02/14/1991
Date achieved compliance: 02/19/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 01/23/1991
Date achieved compliance: 01/31/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 01/17/1991
Date achieved compliance: 01/23/1991
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1991
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991
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: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991
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: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1991
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
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: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
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: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 08/22/1990
Date achieved compliance: 10/02/1990
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/16/1990
Date achieved compliance: 06/05/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 02/27/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/08/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 02/27/1990
Date achieved compliance: 07/30/1993
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 02/27/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/23/1990
Date achieved compliance: 07/30/1993
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: FR - 268.7
Area of violation: LDR - General
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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: 02/17/1989
Date achieved compliance: 09/26/1991
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
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: 02/17/1989
Date achieved compliance: 09/26/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 08/23/1988
Date achieved compliance: 11/15/1988
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 - 270
Area of violation: TSD - General
Date violation determined: 08/23/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/30/1988
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

Regulation violated: FR - 264.140-150.H

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Area of violation: TSD - Financial Requirements
Date violation determined: 07/06/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/26/1988
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

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/19/1988
Date achieved compliance: 07/02/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/26/1988
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: 02/08/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/24/2007
Evaluation lead agency: State

Evaluation date: 06/27/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 06/28/2005
Evaluation lead agency: State

Evaluation date: 06/27/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - Manifest and Recordkeeping
Date achieved compliance: 06/28/2005
Evaluation lead agency: State

Evaluation date: 04/22/2004
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 06/30/2003
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/07/2003
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/29/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 01/09/2004
Evaluation lead agency: State

Evaluation date: 10/29/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 01/09/2004
Evaluation lead agency: State

Evaluation date: 10/29/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Transporters - Manifest and Recordkeeping
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 12/20/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 12/20/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/28/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/16/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/19/1999
Evaluation lead agency: State

Evaluation date: 10/22/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/20/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 09/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/31/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/31/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/14/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/28/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/24/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/12/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/18/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/27/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/06/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/17/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/02/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/16/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/15/1993
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 08/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/16/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/11/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/16/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/02/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/11/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/30/1993
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/22/1993
Evaluation lead agency: State

Evaluation date: 06/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/27/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/21/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/21/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 06/07/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/11/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/17/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/26/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/09/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/24/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/10/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 11/03/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/10/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/03/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 05/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/20/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/12/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/27/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/23/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/27/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/19/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 03/24/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/07/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/26/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 10/07/1991
Evaluation lead agency: EPA

Evaluation date: 06/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/07/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/02/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/02/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/28/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/29/1991
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 03/26/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/28/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/21/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/26/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/21/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/26/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/14/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/26/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/20/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/25/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/20/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/19/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/05/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/31/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/23/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/31/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/17/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/23/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/02/1990
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/02/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 10/02/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 08/22/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/02/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/15/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/03/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/05/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 05/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/05/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/23/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/26/1991
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/03/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/23/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/15/1988
Evaluation lead agency: State

Evaluation date: 07/06/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 11/15/1988
Evaluation lead agency: State

Evaluation date: 05/19/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/02/1988
Evaluation lead agency: State

RCRA-LQG:

Date form received by agency: 03/13/2008
Facility name: SAFETY-KLEEN SYSTEMS INC
Facility address: 400 MARKET STREET
OAKLAND, CA 94607
EPA ID: CAD053044053
Mailing address: 1502 E VILLA STREET
2ND FLOOR EHS
ELGIN, IL 60120
Contact: WILLIAM COLEMAN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 209-545-1011
Contact email: WILLIAM.COLEMAN@SAFETY-KLEEN.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
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 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: SAFETY-KLEEN SYSTEMS INC
Owner/operator address: 5400 LEGACY DRIVE
PLANO, TX 75024
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: 04/18/1990
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Owner/operator name: SAFETY-KLEEN SYSTEMS INC
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: 04/18/1990
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: Yes

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE

- . Waste code: D021
- . Waste name: CHLORO BENZENE

- . Waste code: D022
- . Waste name: CHLOROFORM

- . Waste code: D023
- . Waste name: O-CRESOL

- . Waste code: D024
- . Waste name: M-CRESOL

- . Waste code: D025
- . Waste name: P-CRESOL

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: D027
- . Waste name: 1,4-DICHLORO BENZENE

- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE

- . Waste code: D029
- . Waste name: 1,1-DICHLOROETHYLENE

- . Waste code: D030
- . Waste name: 2,4-DINITROTOLUENE

- . Waste code: D032
- . Waste name: HEXACHLORO BENZENE

- . Waste code: D033
- . Waste name: HEXACHLORO BUTADIENE

- . Waste code: D034
- . Waste name: HEXACHLOROETHANE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D036
- . Waste name: NITRO BENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . Waste code: D037
- . Waste name: PENTRACHLOROPHENOL

- . Waste code: D038
- . Waste name: PYRIDINE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

- . Waste code: D041
- . Waste name: 2,4,5-TRICHLOROPHENOL

- . Waste code: D042
- . Waste name: 2,4,6-TRICHLOROPHENOL

- . Waste code: D043
- . Waste name: VINYL CHLORIDE

- . 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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 NON-HALOGENATED 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 NON-HALOGENATED 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: 03/20/2006
Site name: SAFETY-KLEEN SYSTEMS, INC.
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D003
- . Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

- . 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

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE

- . Waste code: D021
- . Waste name: CHLOROBENZENE

- . Waste code: D022
- . Waste name: CHLOROFORM

- . Waste code: D023
- . Waste name: O-CRESOL

- . Waste code: D024
- . Waste name: M-CRESOL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . Waste code: D025
- . Waste name: P-CRESOL

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: D027
- . Waste name: 1,4-DICHLOROBENZENE

- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE

- . Waste code: D029
- . Waste name: 1,1-DICHLOROETHYLENE

- . Waste code: D030
- . Waste name: 2,4-DINITROTOLUENE

- . Waste code: D032
- . Waste name: HEXACHLOROBENZENE

- . Waste code: D033
- . Waste name: HEXACHLOROBUTADIENE

- . Waste code: D034
- . Waste name: HEXACHLOROETHANE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D036
- . Waste name: NITROBENZENE

- . Waste code: D037
- . Waste name: PENTRACHLOROPHENOL

- . Waste code: D038
- . Waste name: PYRIDINE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

- . Waste code: D041
- . Waste name: 2,4,5-TRICHLOROPHENOL

- . Waste code: D042
- . Waste name: 2,4,6-TRICHLOROPHENOL

- . Waste code: D043
- . Waste name: VINYL CHLORIDE

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/29/2004
Site name: SAFETY-KLEEN SYSTEMS INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

- . Waste code: D022
- . Waste name: CHLOROFORM

- . Waste code: D027
- . Waste name: 1,4-DICHLOROENZENE

- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING 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 F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROENZENE, 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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/28/2002
Site name: SAFETY-KLEEN SYSTEMS, INC.
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: SAFETY-KLEEN SYSTEMS, INC.--OAKLAND
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: SAFETY-KLEEN CORP - OAKLAND, CA
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SAFETY KLEEN CORP 7 178 01
Classification: Small Quantity Generator

Date form received by agency: 04/04/1996
Site name: SAFETY KLEEN CORP
Classification: Large Quantity Generator

Date form received by agency: 03/25/1994
Site name: SAFETY-KLEEN CORP
Classification: Large Quantity Generator

Date form received by agency: 03/31/1992
Site name: SAFETY-KLEEN CORP (7-178-01)
Classification: Small Quantity Generator

Date form received by agency: 04/12/1990
Site name: SAFETY-KLEEN CORP (7-178-01)
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: SAFETY KLEEN CORP 7 178 01
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 09/27/1990
Event: RFA COMPLETED

Event date: 09/27/1990
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 09/27/1990
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 03/29/1992
Event: INVESTIGATION IMPOSITION

Event date: 03/29/1992
Event: CMS IMPOSITION

Event date: 06/16/1993
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

STABILIZATION

Event date:	06/18/1993
Event:	CA PRIORITIZATION-LOW CA PRIORITY
Event date:	01/01/1996
Event:	INVESTIGATION IMPOSITION
Event date:	02/01/1996
Event:	INVESTIGATION WORKPLAN RECEIVED
Event date:	02/23/1996
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	05/20/1996
Event:	INVESTIGATION COMPLETE
Event date:	04/06/2000
Event:	CMS WORKPLAN APPROVED
Event date:	04/06/2000
Event:	CMS WORKPLAN RECEIVED
Event date:	09/21/2009
Event:	INVESTIGATION REPORT RECEIVED
Event date:	02/16/2010
Event:	INVESTIGATION COMPLETE
Event date:	04/09/2010
Event:	INVESTIGATION WORKPLAN RECEIVED
Event date:	06/14/2010
Event:	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	06/14/2010
Event:	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
Event date:	06/29/2011
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	11/04/2011
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	01/16/2012
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	03/16/2012
Event:	INVESTIGATION REPORT RECEIVED
Event date:	07/03/2012
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	09/28/2012
Event:	INVESTIGATION COMPLETE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Event date:	11/05/2012
Event:	INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED
Event date:	01/28/2013
Event:	INVESTIGATION SUPPLEMENTAL INFO DEEMED SATISFACT
Event date:	04/02/2013
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	06/25/2013
Event:	INVESTIGATION REPORT RECEIVED
Event date:	08/20/2013
Event:	INVESTIGATION COMPLETE
Event date:	10/22/2013
Event:	CMS WORKPLAN RECEIVED
Event date:	12/17/2013
Event:	CMS WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	04/14/2014
Event:	CMS WORKPLAN APPROVED
Event date:	04/15/2014
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	07/09/2014
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	10/15/2014
Event:	CMS REPORT RECEIVED
Event date:	06/17/2015
Event:	DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Event date:	06/30/2015
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	09/25/2015
Event:	CMS COMPLETE
Event date:	09/28/2015
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Event date:	03/15/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	06/22/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	07/01/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	09/14/2016
Event:	INVESTIGATION IMPLEMENTATION BEGUN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Event date: 12/07/2016
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 01/20/2017
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

Event date: 03/22/2017
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 05/03/2017
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 08/16/2017
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 10/17/2017
Event: CA PROCESS IS TERMINATED-REMEDIAL ACTIVITIES COMPLETE

Event date: 11/15/2017
Event: INVESTIGATION IMPLEMENTATION BEGUN

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/23/2007
Date achieved compliance: 01/24/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/2007
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: Not reported
Area of violation: Transporters - General
Date violation determined: 06/27/2005
Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
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: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 06/27/2005
Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/29/2002
Date achieved compliance: 01/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/2003
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: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 10/29/2002
Date achieved compliance: 01/09/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/2003
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: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
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: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 04/07/2003
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 190400
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
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: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
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: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 04/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 190400
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 03/22/2002
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 12/20/2000
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/21/2000
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: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 12/20/2000
Date achieved compliance: 04/07/2003
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 04/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 190400
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 09/16/1998
Date achieved compliance: 11/19/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/16/1998
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: 07/14/1994
Date achieved compliance: 08/31/1994
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 06/28/1994
Date achieved compliance: 07/14/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/24/1994
Date achieved compliance: 06/28/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/18/1994
Date achieved compliance: 06/24/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/12/1994
Date achieved compliance: 05/18/1994
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 04/26/1994
Date achieved compliance: 04/27/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/15/1993
Date achieved compliance: 11/16/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/16/1993
Date achieved compliance: 11/15/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/16/1993
Date achieved compliance: 09/16/1993
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/11/1993
Date achieved compliance: 08/16/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/02/1993
Date achieved compliance: 08/11/1993
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: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 07/27/1993
Date achieved compliance: 10/22/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/13/1993
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 - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 07/19/1993
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/13/1993
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 07/19/1993
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1993
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: 06/24/1993
Date achieved compliance: 07/27/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/16/1993
Date achieved compliance: 06/21/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/17/1993
Date achieved compliance: 06/07/1993
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: FR - 262.10-12.A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Area of violation: Generators - General
Date violation determined: 05/11/1993
Date achieved compliance: 05/17/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/09/1993
Date achieved compliance: 03/24/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/24/1993
Date achieved compliance: 03/09/1993
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/03/1992
Date achieved compliance: 12/10/1992
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 - 262.10-12.A
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date violation determined: 10/08/1992
Date achieved compliance: 11/03/1992
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/27/1992
Date achieved compliance: 04/23/1992
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/24/1992
Date achieved compliance: 03/27/1992
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/19/1992
Date achieved compliance: 03/24/1992
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 09/26/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 10/07/1991
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: 06/19/1991
Date achieved compliance: 10/07/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/29/1991
Date achieved compliance: 05/02/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/28/1991
Date achieved compliance: 03/29/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/26/1991
Date achieved compliance: 03/28/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/21/1991
Date achieved compliance: 03/26/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/14/1991
Date achieved compliance: 03/21/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/26/1991
Date achieved compliance: 03/14/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/25/1991
Date achieved compliance: 02/26/1991
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 02/20/1991
Date achieved compliance: 02/25/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/19/1991
Date achieved compliance: 02/20/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/14/1991
Date achieved compliance: 02/19/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 01/23/1991
Date achieved compliance: 01/31/1991
Violation lead agency: State
Enforcement action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 01/17/1991
Date achieved compliance: 01/23/1991
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1991
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991
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: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991
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: 10/02/1990
Date achieved compliance: 07/30/1993
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: FR - 270
Area of violation: TSD - General
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1991
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
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: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/02/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/22/1990
Date achieved compliance: 10/02/1990
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/16/1990
Date achieved compliance: 06/05/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 02/27/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/08/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 02/27/1990
Date achieved compliance: 07/30/1993
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: FR - 270
Area of violation: TSD - General
Date violation determined: 02/27/1990
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 04/30/1991
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/23/1990
Date achieved compliance: 07/30/1993
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

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: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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: 02/17/1989
Date achieved compliance: 09/26/1991
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 02/17/1989
Date achieved compliance: 09/26/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1989
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 02/17/1989
Date achieved compliance: 07/30/1993
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 05/10/1990
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 08/23/1988
Date achieved compliance: 11/15/1988
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 - 270
Area of violation: TSD - General
Date violation determined: 08/23/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/30/1988
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

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 07/06/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/26/1988
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

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/19/1988
Date achieved compliance: 07/02/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/26/1988
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation Action Summary:

Evaluation date: 02/08/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/24/2007
Evaluation lead agency: State

Evaluation date: 06/27/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 06/28/2005
Evaluation lead agency: State

Evaluation date: 06/27/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - Manifest and Recordkeeping
Date achieved compliance: 06/28/2005
Evaluation lead agency: State

Evaluation date: 04/22/2004
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/30/2003
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/07/2003
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/29/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 01/09/2004
Evaluation lead agency: State

Evaluation date: 10/29/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 01/09/2004
Evaluation lead agency: State

Evaluation date: 10/29/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Transporters - Manifest and Recordkeeping
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 03/22/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 12/20/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 04/07/2003
Evaluation lead agency: State

Evaluation date: 12/20/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/28/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/16/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/19/1999
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 10/22/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/20/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/31/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/31/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/14/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 06/28/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/24/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/12/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/18/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/27/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/06/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/17/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/02/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 01/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/16/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/15/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/16/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/11/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/16/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/02/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/11/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/30/1993
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 10/22/1993
Evaluation lead agency: State

Evaluation date: 06/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/27/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/21/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/21/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/07/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/11/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/17/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/26/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 03/09/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/24/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/10/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/03/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/10/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/03/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 05/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/20/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/12/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/27/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/23/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/27/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/19/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/24/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/07/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/26/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 10/07/1991
Evaluation lead agency: EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 06/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/07/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/02/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/29/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/02/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/28/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/29/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/26/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/28/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/21/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/26/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/21/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/26/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/14/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 02/26/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/20/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/25/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/20/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/19/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/05/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/31/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/23/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/31/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/17/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/23/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/02/1990
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/02/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Evaluation date: 10/02/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 08/22/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/02/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/15/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/03/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/05/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/05/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/23/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/26/1991
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 07/30/1993
Evaluation lead agency: State

Evaluation date: 02/03/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/23/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/15/1988
Evaluation lead agency: State

Evaluation date: 07/06/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/15/1988
Evaluation lead agency: State

Evaluation date: 05/19/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/02/1988
Evaluation lead agency: State

US INST CONTROL:

EPA ID: CAD053044053
Site ID: Not reported
Name: SAFETY-KLEEN SYSTEMS INC
Action Name: Not reported
Address: 400 MARKET STREET
OAKLAND, CA 94607

EPA Region: 9
County: ALAMEDA
Event Code: CA772PR
Inst. Control: Not reported
Actual Date: 01/20/2017
Comple. Date: 01/01/1900
Operable Unit: Not reported
Contaminated Media : Not reported
Contact Name : WILLIAM COLEMAN
Contact Phone and Ext :209-545-1011
Event Code Description: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS TIRES (Continued)

1015730631

2020 COR ACTION:

EPA ID: CAD053044053
Region: 9
Action: Remedy Construction

Lead Smelter Sites:

Site ID: 905732
Facility Region Id: 9
Latitude: Not reported
Longitude: Not reported
CoC Ind: Not reported
Contaminant Name: Not reported
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling);Chemicals/chemical waste (e.g., solvent recovery) (Recycling);Ground water plume site with no identifiable source (Other);Waste/used oil (Recycling)
NPL: Not on the NPL
Primary Site-Sub Type: Contaminated sediment site with no identifiable source (Other)
Special Initiative: Not reported

FINDS:

Registry ID: 110002334046

Environmental Interest/Information System

AIR EMISSIONS CLASSIFICATION UNKNOWN

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.

HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1015730631
Registry ID: 110002334046
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002334046>

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AM155 **SAFETY-KLEEN CORP. 7-178-01**
ESE **404 MARKET ST**
1/2-1 **OAKLAND, CA 94607**
0.966 mi.
5099 ft. **Site 2 of 3 in cluster AM**

SWEEPS UST **1000224433**
HIST UST **N/A**
CA FID UST
Financial Assurance
HWP
CERS

Relative:
Higher

Actual:
15 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	6278
Number:	Not reported
Board Of Equalization:	44-027812
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-006278-000001
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	WASTE
Content:	Not reported
Number Of Tanks:	3

Status:	Not reported
Comp Number:	6278
Number:	Not reported
Board Of Equalization:	44-027812
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-006278-000002
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	WASTE
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	6278
Number:	Not reported
Board Of Equalization:	44-027812
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-006278-000003
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN CORP. 7-178-01 (Continued)

1000224433

Status: Active
Comp Number: 6278
Number: 1
Board Of Equalization: 44-027812
Referral Date: 01-07-94
Action Date: 05-03-94
Created Date: 02-29-88
Owner Tank Id: WASTE
SWRCB Tank Id: 01-000-006278-000004
Tank Status: A
Capacity: 12000
Active Date: 01-07-94
Tank Use: CHEMICAL
STG: W
Content: MINERAL SPIR
Number Of Tanks: 2

Status: Active
Comp Number: 6278
Number: 1
Board Of Equalization: 44-027812
Referral Date: 01-07-94
Action Date: 05-03-94
Created Date: 02-29-88
Owner Tank Id: PRODUCT
SWRCB Tank Id: 01-000-006278-000005
Tank Status: A
Capacity: 12000
Active Date: 01-07-94
Tank Use: CHEMICAL
STG: P
Content: MINERAL SPIR
Number Of Tanks: Not reported

HIST UST:

File Number: 000362E6
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000362E6.pdf>
Region: STATE
Facility ID: 00000006278
Facility Type: Other
Other Type: PARTS WASHER SERVICE
Contact Name: STEVE NEVES
Telephone: 3126978460
Owner Name: SAFETY-KLEEN CORP.
Owner Address: 655 BIG TIMBER ROAD
Owner City,St,Zip: ELGIN, IL 60120
Total Tanks: 0003

Tank Num: 001
Container Num: 01
Year Installed: 1970
Tank Capacity: 00006000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .25
Leak Detection: Visual, Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN CORP. 7-178-01 (Continued)

1000224433

Tank Num: 002
Container Num: 02
Year Installed: 1970
Tank Capacity: 00006000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .25
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 03
Year Installed: 1971
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: .25
Leak Detection: Visual, Stock Inventor

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 01002099
Regulated By: UTKI
Regulated ID: 00006278
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 3126978460
Mail To: Not reported
Mailing Address: 655 BIG TIMBER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94607
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CA Financial Assurance 1:

EPA ID Number: CAD053044053
Sudden Amount1: \$2,000,000.00
Non Sudden Amount1: Not reported
Closure Mechanism: Not reported
Closure Amount: Not reported
Post Closure Mechanism: Not reported
Post Closure Amount: Not reported
Corrective Action Mechanism: Ins
Corrective Action Amount: \$275,309.00
Sudden Mechanism Type: Ins
Sudden Mechanism Amount: \$1,000,000.00
Non Sudden Mechanism Type: Not reported
Non Sudden Mechanism Amount: Not reported
O and M Mechanism Type: Not reported
O and M Amount: Not reported
Closure Mechanism Date of Mechanism: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN CORP. 7-178-01 (Continued)

1000224433

Closure Mechanism Renewal Date: Not reported
Closure Mechanism Provider: Not reported
Postclosure Mechanism Date of Mechanism: Not reported
Postclosure Mechanism Renewal Date: Not reported
Postclosure Mechanism Provider: Not reported
O and M Mechanism Date of Mechanism: Not reported
O and M Mechanism Renewal Date: Not reported
O and M Mechanism Provider: Not reported
Corrective Action Mechanism Date of Mechanism: 2017-11-17 00:00:00
Corrective Action Mechanism Renewal Date: Not reported
Corrective Action Mechanism Provider: Indian Harbor Insurance Company
Sudden Mechanism Date of Mechanism: 2017-11-01 00:00:00
Sudden Mechanism Renewal Date: Not reported
Sudden Mechanism Provider: Indian Harbor Ins. Co.
Non-Sudden Mechanism Date of Mechanism: Not reported
Non-Sudden Mechanism Renewal Date: Not reported
Non-Sudden Mechanism Provider: Not reported
Date Entered into EnviroStor: 2016-11-21 00:00:00
Authorization Type: Cleanup
Comments: Not reported

HWP:

EPA Id: CAD053044053
Cleanup Status: CLOSED
Latitude: 37.80070
Longitude: -122.2831
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 200191
Assembly District: 18
Senate District: 09
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 03/09/1992

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 10/01/1988

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: Renewal - Historical - TECHNICAL COMPLETE LETTER
Actual Date: 06/30/2005

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN CORP. 7-178-01 (Continued)

1000224433

Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/09/1983

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 07/19/1991

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 02/05/1992

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: Renewal - Historical - PUBLIC COMMENT (BEGIN)
Actual Date: 02/24/1995

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 12/18/1980

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: Renewal - Historical - APPLICATION PART B RECEIVED
Actual Date: 02/20/1998

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 07/19/1991

Closure:
EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), CONTAIN2 (GPRA Unit), TANKSTR1 (GPRA Unit),
TANKTRT1 (GPRA Unit)
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 10/26/2007

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1 (GPRA Unit), CONTAIN2 (GPRA Unit), TANKSTR1 (GPRA Unit),
TANKTRT1 (GPRA Unit)
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 08/17/2007

Alias:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN CORP. 7-178-01 (Continued)

1000224433

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110002334046

EPA Id: CAD053044053
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 200191

CERS TANKS:

Site ID: 217941
CERS ID: CAD053044053
CERS Description: Hazardous Waste

Evaluation:

Eval General Type: Information Request
Eval Date: 02-08-2007
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Followup Inspection
Eval Date: 04-22-2004
Violations Found: No
Eval Type: DTSC Follow-up Inspection
Eval Notes: Follow-up Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2005
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Return To Compliance: 2005-06-28 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Information Request
Eval Date: 06-30-2003
Violations Found: No
Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Information Request
Eval Date: 10-29-2002
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN CORP. 7-178-01 (Continued)

1000224433

Eval Type: DTSC Financial Records Review
Eval Notes: Financial Records Review - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Followup Inspection
Eval Date: 03-22-2002
Violations Found: Yes
Eval Type: DTSC Follow-up Inspection
Eval Notes: Follow-up Inspection - Treatment, Storage and Disposal Return To Compliance: 2003-04-07 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2002
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2004-01-09 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2007
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2007-01-24 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2000
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2003-04-07 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2000
Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Transporter
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN CORP. 7-178-01 (Continued)

1000224433

Violations Found: No
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Enforcement Action:

Site ID: 217941
Site Name: SAFETY-KLEEN
Site Address: 400 MARKET ST
Site City: OAKLAND
Site Zip: 946070000
Enf Action Date: 04-07-2003
Enf Action Type: Federal Consent Order with Enforcement and Settlement
Enf Action Description: Federal Consent Order with Enforcement and Settlement
Enf Action Notes: Not reported
Enf Action Division: Department of Toxic Substances Control
Enf Action Program: DTSC_ENF
Enf Action Source: ENVSTORHAZ

Affiliation:

Affiliation Type Desc: Facility Contact
Entity Name: Ruben Martinez
Entity Title: Not reported
Affiliation Address: 400 MARKET ST
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 946070000
Affiliation Phone: 6264010106

Affiliation Type Desc: Facility Owner
Entity Name: SAFETY KLEEN SYSTEMS INC
Entity Title: Not reported
Affiliation Address: 5400 LEGACY DR CLUSTER 2 BLDG 3CLUSTER II BLDG 3
Affiliation City: PLANO
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 750240000
Affiliation Phone: 9722652310

AM156 SAFETY-KLEEN OAKLAND
ESE 400 MARKET ST
1/2-1 OAKLAND, CA 94607
0.966 mi.
5099 ft. Site 3 of 3 in cluster AM

ENVIROSTOR 1001407764
DEED N/A
CHMIRS
WDS
CERS

Relative: ENVIROSTOR:
Higher Facility ID: 80001412
Status: Active
Actual: Status Date: 01/01/2008
15 ft. Site Code: 200191
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0.6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Janet Naito
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.80070
Longitude: -122.2831
APN: 001 011300102, 001 011300202
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS
Potential COC: Under Investigation Benzene Tetrachloroethylene (PCE
1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Chlorobenzene Chloroform 1,2-Dichlorobenzene 1,4-Dichlorobenzene
Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane (EDC
1,1-Dichloroethylene 1,2-Dichloroethylene (cis 1,2-Dichloroethylene
(trans 1,2-Dichloropropane Ethylbenzene Toluene
Trichlorofluoromethane Xylenes
Confirmed COC: Trichlorofluoromethane Tetrachloroethylene (PCE
1,1,1-Trichloroethane (TCA 1,2-Dichlorobenzene 1,1-Dichloroethane
1,2-Dichloroethane (EDC 1,2-Dichloroethylene (cis
1,2-Dichloroethylene (trans 1,2-Dichloropropane Toluene
1,4-Dichlorobenzene Trichloroethylene (TCE Chloroform
1,1-Dichloroethylene Vinyl chloride
Potential Description: OTH, SOIL
Alias Name: Safety Kleen
Alias Type: Alternate Name
Alias Name: 001 011300102
Alias Type: APN
Alias Name: 001 011300202
Alias Type: APN
Alias Name: CAD053044053
Alias Type: EPA Identification Number
Alias Name: 110002334046
Alias Type: EPA (FRS #)
Alias Name: T0600191488
Alias Type: GeoTracker Global ID
Alias Name: 200191
Alias Type: Project Code (Site Code)
Alias Name: 80001412
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/18/2014
Comments: Corrective Measures Study Update. Per the April 2014 DTSC-approved CMS Work Plan, Safety-Kleen Systems, Inc. (S-K) and DTSC agreed to evaluate data from a minimum of two consecutive quarterly groundwater monitoring events in April 2014 and July 2014. Pending results of the April and July 2014 monitoring events, S-K and DTSC would determine if two additional quarterly events are appropriate to evaluate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

monitored natural attenuation (MNA) as a remedial strategy for the site. The purpose of this letter report is to present the data collected during the April 2014 and July 2014 CMS quarterly groundwater monitoring events, and reach concurrence with DTSC on a path forward in finalizing submittal of the CMS Report. S-K believes that data presented in this letter report shows ample and appropriate evidence that MNA is a strong remedial option and would prefer to move forward with submittal of the CMS Report. If DTSC agrees that two additional quarterly MNA events are not necessary to complete the CMS, S-K intends to submit the CMS Report within 30 days of receiving formal DTSC concurrence. In the event that DTSC prefers additional information for evaluating MNA, the CMS will progress in general accordance with the timeline in the approved CMS Work Plan (two additional quarterly monitoring events and submittal of the CMS Report on or before March 31, 2015). DTSC approves the Update and agrees that no further monitoring for MNA evaluation is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/15/2014
Comments: Quarterly Progress Report (July through September 2014). Per the approved CMS Work Plan, Safety-Kleen Systems, Inc. (S-K) performed two consecutive quarterly groundwater-sampling events the weeks of April 14, 2014, and July 7, 2014. S-K submitted an August 29, 2014, letter style CMS Update Report to DTSC, documenting results of April and July 2014 field activities, and a recommendation that the two additional consecutive quarters of groundwater sampling were not necessary to move forward with the CMS report. DTSC approved the CMS Update Report in a letter dated September 18, 2014, and requested that S-K provide a formal CMS Report. S-K intends to submit the CMS Report to DTSC on or before October 17, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/16/2014
Comments: Quarterly Progress Report (October through December 2014). Safety-Kleen Systems, Inc. (S-K) submitted the CMS Report to DTSC on October 15, 2014. DTSC provided comments on the CMS report in an email dated December 2, 2014, and S-K submitted a revised electronic version of the CMS report on December 24, 2014. S-K anticipates receiving DTSC approval and/or comments on the revised December 2014 CMS report during the January through March 2015 reporting period.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/23/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/08/2015
Comments: Report documents activities which occurred in the last quarter.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/20/2015
Comments: Quarterly Progress report, no DTSC comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 02/23/2016
Comments: Sub-Slab Depressurization System Operation and Maintenance Plan and Monitored Natural Attenuation Plan (Plan), dated February 19, 2016, for Former Safety-Kleen Systems, Inc. (S-K) Service Center, located at 400 Market Street, Oakland, California. Plan approved by DTSC letter, dated February 23, 2016. Plan documents an operation and maintenance (O&M) plan for the existing sub-slab depressurization system (SSDS) and contains planned activities for long-term monitored natural attenuation (MNA) for groundwater at the site. Plan Appendices include the SSDS Technical Memorandum, Bay Area Air Quality Management District Authority to Operate Permit, SSDS Standard Operating Procedure, and Revised Standardized Sampling and Analysis Plan. The active SSDS reduces the potential for vapor intrusion by creating a negative pressure differential that reverses the direction of airflow inside a structure (i.e. intrusion to extrusion) and dilutes the indoor air with additional ambient air. A figure showing the SSDS layout is provided as Figure 3. A Technical Memorandum describing the SSDS design and installation, along with further information, is included as Appendix A. A field log will be kept to document maintenance, repairs, and replacements performed on the SSDS. A schedule for planned O&M visits and quarterly sampling is presented in Table 1. Field readings and laboratory data are evaluated every quarter to confirm emission rates are within BAAQMD Permit limits. Field readings and data are kept available and on file per current BAAQMD Permit conditions. S-K will submit a summary of field readings and results to the DTSC on an annual basis. Quarterly laboratory data, field readings, and equipment replacement information will be submitted to DTSC on or before the last day of January of each calendar year. Natural attenuation involves the breakdown of constituents of concern (COCs) by microbial degradation processes. MNA includes monitoring the groundwater conditions that indicate natural attenuation is occurring. As part of the approved remedy for the site, S-K will evaluate attainment of cleanup levels in groundwater by conducting routine groundwater monitoring at the site once every five years, with an estimated time frame of fifteen years (4 events total over estimated 15 years). Consistent with the Corrective Measures Study (CMS), S-K will gauge and sample monitoring wells MW-1, MW-2R, MW-3, MW-4, MW-8R, MW-11R, and MW-14, during each monitoring event. Groundwater samples will be submitted for VOCs, TPH-MS, and TPH-D. S-K will implement the first MNA event within 60 days of DTSC approval of this document, with the following three events occurring approximately every five years. S-K will evaluate and compare groundwater data to the corrective action objectives (CAOs) defined by the CMS. S-K will submit groundwater-sampling reports to the DTSC, for each event, within 60 days receipt of complete and accurate laboratory data. A proposed schedule for groundwater sampling is presented in Table 2. S-K proposes to abandon monitoring wells MW-5, MW-6 and MW-12 because they are no longer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

included in the monitoring plan. Additionally, S-K proposes to plug and abandon soil gas wells SVW-1, SVW-2, SVW-3, SVW-6, SVW-7, SVW-8, and SVW-9 as they were utilized for the previous RFI activities. S-K will leave soil gas wells SVW-4, SVW-5, SVW-10, SVW-11, and SVW-12 in place in the event future soil gas sampling on the perimeter of the building is warranted. A figure showing proposed abandonment locations is provided as Figure 4.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Fieldwork

Completed Date: 05/03/2017

Comments: On April 19, 2017, Safety-Kleen Systems, Inc. (S-K) obtained all necessary permits from the City of Oakland for well abandonment activities approved in the February 2016 Sub-Slab Depressurization System Operation and Maintenance Plan and Monitored Natural Attenuation Plan. S-K performed well abandonment activities on May 2 and 3, 2017, per the April 24, 2017 Monitoring Well Abandonment Field Activity Notification letter submitted to DTSC. S-K plans to submit a brief letter-style report, documenting well abandonment, within 60 days of completion of activities (July 2, 2017). DTSC provided field oversight of the fieldwork activities on May 2/3, 2017.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Fieldwork

Completed Date: 07/01/2016

Comments: The monitoring event included water level measurements and/or sampling of groundwater monitoring wells MW-1, MW-2R, MW-3, MW-4, MW-8R, MW-11R, and MW-14. Groundwater samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B and total petroleum hydrocarbons reported as mineral spirits and diesel (TPH-MS and TPH-D) by EPA Method 8015.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 07/07/2017

Comments: Monitoring Well Abandonment Activity Summary, dated June 29, 2017, documents the removal and abandonment of three groundwater monitoring wells (MW-5, MW-6, and MW-12) and four soil vapor monitoring wells (SVW-6, SVW-7, SVW-8, and SVW-9) at the site. Note, three soil vapor monitoring wells (SVW-1, SVW-2, and SVW-3) designated for abandonment were inaccessible during May 2017 field activities due to a homeless encampment (Figure 2). S-K intends to conduct a quarterly sub-slab depressurization system sampling and operation/maintenance event in August 2017. S-K will evaluate potential accessibility of soil vapor wells SVW-1, SVW-2, and SVW-3 for future abandonment during quarterly site visits.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Operations and Maintenance Report

Completed Date: 12/02/2016

Comments: Safety-Kleen Systems, Inc. conducted groundwater monitoring in June 2016 to further evaluate monitored natural attenuation (MNA) in groundwater as part of the DTSC-approved remedy. The groundwater

MAP FINDINGS

SAFETY-KLEEN OAKLAND (Continued)

1001407764

monitoring (GWM) report summarizes procedures and results of the June 2016 groundwater monitoring event. The June 2016 GWM data are generally consistent with information provided in previous reports. Anaerobic biodegradation of contaminants of concern at the Site is ongoing, as concentrations continue to decrease from historical levels. Per the DTSC-approved MNA Work Plan, the next groundwater monitoring event for the Site is scheduled for June 2021.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Fieldwork
 Completed Date: 12/07/2016
 Comments: Sub-slab depressurization (SSD) system sampling and operation and maintenance (O&M) activities, performed in accordance with the Sub-Slab Depressurization System Operation and Maintenance Plan and Monitored Natural Attenuation Plan, including verifying SSD system fans are operating properly, collection of system readings, and collection of a vapor sample from SSD system point SP-2 for laboratory analysis of volatile organic compounds by Method TO-15.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Operations and Maintenance Report
 Completed Date: 05/05/2017
 Comments: Revised Sub-Slab Depressurization System 2016 Annual Operation Summary (Report), May 4, 2017. The Sub-Slab Depressurization (SSD) system was monitored and sampled by a qualified environmental professional in 2016 on a quarterly basis in accordance with the Permit. During quarterly O&M activities, the system was inspected to verify fans were running and providing vacuum as designed. Safety-Kleen Systems, Inc. (S-K) observed that the fan attached to riser SP-1 was inoperable during the June 22, 2016, quarterly O&M event. A new fan was installed to the same riser on June 28, 2016. The former fan attached to riser SP-1 was operational during the March 2016 quarterly event; therefore, it is estimated that fan SP-1 was nonoperational for a maximum period of 3.5 months, during which time all other SSD fans operated continuously. A manual that includes product specifications for the replacement RadonAway HS5000 high suction fan is included as Attachment B. S-K performed quarterly sampling of the SSD system according to the procedures outlined in the February 2016 Plan. S-K collected air flow readings from each exhaust stack on the roof of the building using a VelociCalc anemometer. Vapor samples were collected from exhaust stack SP-2 on a quarterly basis in 2016. Analytical laboratory reports for samples collected during 2016 are included as Attachment C. Field notes for the quarterly events are included as Attachment D. Calibration information for the anemometer is included as Attachment E. A summary of individual effluent VOC concentrations detected in each sample is included as Table 1. Air flow readings and magnehelic gauge readings are included as Table 2. Calculated VOC removal rates, in pounds per day (lbs/day), are included as Table 3. Because the SSD emission stacks extract commingled vapor beneath the slab, the maximum concentration of individual and total VOCs was used to conservatively calculate daily VOC removal rates for comparison to Permit limits. The mass removal rates for the 2016 operation period, ranged from 0.00017 to 0.00174 lbs/day and were well within Permit conditions of 10 lbs/day. In a letter dated May 5, 2017, DTSC approved the Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

and provided the following comment and requirement for future monitoring/sampling and reporting: The Report Attachment E, TSI Model 8360 VelociCalc Calibration Certificate, states, Calibrations are valid for one year. However, the DTSC-approved Sub-Slab Depressurization System Operation and Maintenance Plan and Monitored Natural Attenuation Plan (Plan), dated February 19, 2016, states, All instruments will be calibrated according to manufacturer specifications prior to use. (2-1) The TSI Model 8360 VelociCalc or other anemometer (air velocity meter), used for measuring and recording air velocity through the sub-slab depressurization system extraction pipes, must be calibrated prior to each monitoring and sampling event scheduled quarterly in March, June, September, and December.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/22/2017
Comments: Trihydro Corporation (Trihydro), on behalf of Safety-Kleen Systems, Inc. (S-K), conducted sub-slab depressurization (SSD) system sampling and operation and maintenance (O&M) activities at the former S-K Service Center in Oakland, California on March 22, 2017. The event included evaluating that SSD system fans are operating properly, collection of system readings, and collection of a vapor sample from SSD system point SP-2 for laboratory analysis of volatile organic compounds by Method TO-15. Per the Agreement between S-K and DTSC, S-K intends to submit a report summarizing quarterly 2017 SSD system sampling and O&M activities on or before January 31, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/25/2017
Comments: Sub-Slab Depressurization System 2017 Annual Operation Summary (Report); January 23, 2018. During 2017, The Sub-Slab Depressurization (SSD) system was monitored by a qualified environmental professional on a quarterly basis in accordance with the Permit. During quarterly O&M activities, the system was inspected to verify fans were running and providing vacuum as designed. The SSD system remained operable throughout 2017 with no repairs required. Current Permits are included as Attachment A. Analytical laboratory reports for samples collected during 2017 are included as Attachment B. Field notes for the quarterly events are included as Attachment C. Calibration information for the anemometer is included as Attachment D. Safety-Kleen (S-K) intends to conduct quarterly SSD system and O&M and sampling activities in 2018. Per the O&M Agreement, S-K will notify DTSC in writing a minimum of seven days before conducting O&M and sampling activities. S-K intends to submit a report summarizing SSD system O&M and sampling procedures and analytical results to DTSC on or before January 31, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/30/2018
Comments: Report documents well abandonment activities conducted pursuant to the 2/19/2016 Sub-Slab Depressurization System O&M Plan and Monitored

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Natural Attenuation Plan and overseen by the Alameda County Public Works Agency. The work was performed under the responsible charge of a registered geologist.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 10/16/2017
Comments: Per the requirements of the LUC, S-K performed an onsite LUC compliance inspection on May 3, 2017. The attached Inspection Form (Attachment A) documents site conditions observed during the inspection. During the inspection, the site was observed to be in compliance with the requirements of the LUC. The drilling activity noted on the attached Inspection Form was being performed to abandon groundwater and soil vapor monitoring wells pursuant to DTSC approval. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/16/2017
Comments: Sub-Slab Depressurization System monitoring event per Operations & Maintenance Plan. Next event is tentatively scheduled for November 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/15/2017
Comments: The O&M and Sampling event included evaluating proper operation of Sub-Slab Depressurization System (SSDS) fans, collection of system readings, and collection of a vapor sample from SSDS point SP-2 for laboratory analysis of volatile organic compounds by Method TO-15. Per the O&M Agreement, Safety-Kleen intends to submit a report summarizing quarterly 2017 SSDS sampling and O&M activities on or before January 31, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/14/2018
Comments: SSDS Sampling/O&M fieldwork completed on March 14, 2018. Report to be submitted within 60 days.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/23/2009
Comments: The Initial Response required by the CACA included notification of Project Coordinator and summary of qualifications of contractors and consultants. The Response was accepted and a requested alternate schedule for progress report submittals was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/23/2010

MAP FINDINGS

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Comments: Review complete - Letter sent requesting repair or replacement of upgradient well and repair of wells compromised by roots.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: RFI Workplan
 Completed Date: 06/29/2011
 Comments: RCRA FACILITY INVESTIGATION (RFI) WORK PLAN, May 20, 2011. This RFI Work Plan proposes further activities to characterize groundwater impacts on the upgradient portion of the Site and proposes a soil gas survey for the purpose of conducting a future human health risk assessment. According to DTSC s February 2010 correspondence, when Site characterization is deemed complete, S-K will continue with previously proposed risk assessment activities, with formal approval by the DTSC. S-K proposes installing and sampling twelve soil vapor wells near the former service center to estimate potential vapor intrusion impacts and additional groundwater investigation activities to further characterize impacts in the upgradient portion of the Site. Proposed groundwater investigation and soil gas survey activities are further discussed in Sections 5.4.4 and 5.4.5 respectively.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Soils Management Plan
 Completed Date: 03/23/2010
 Comments: Review Complete - The Soil Management Plan and Health and Safety Plan were submitted by Safety-Kleen but not requested by DTSC. DTSC made comments on both documents in the event future excavations occur on the site. The plans do not apply to any specific project on the site.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: *Correspondence - Received
 Completed Date: 05/03/2010
 Comments: Notification of upcoming groundwater sampling. No DTSC response required.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: *Correspondence - Received
 Completed Date: 05/03/2010
 Comments: Quarterly Progress Report submitted. No DTSC comments required.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Monitoring Report
 Completed Date: 05/19/2011
 Comments: Quarterly Progress Report (October through December 2010). This report summarizes activities conducted as part of the RFI/CMS at the Site and presents the procedures and results of the November 2010 semiannual groundwater monitoring event. The semiannual groundwater monitoring event was conducted at the S-K Service Center located in Oakland, California on November 15, 2010. The monitoring event included gauging fluid levels in the nine facility monitoring wells, and collecting and submitting groundwater quality samples for analysis of VOCs and TPH-MS from monitoring wells MW-1, MW-2, MW-3,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

MW-4, MW-5, MW-8, and MW-11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/12/2011
Comments: Quarterly Progress Report (April through June 2011). The report presents the results of the most recent groundwater monitoring event conducted in May 2011. The semiannual groundwater monitoring event included collection of groundwater measurements and samples from wells (MW-1 through MW-5, MW-8, and MW-11). Fluid levels were gauged in each of the wells at the facility, and groundwater samples were analyzed for volatile organic constituents (VOCs) and total petroleum hydrocarbons reported as mineral spirits (TPH-MS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 09/28/2012
Comments: Final Revised RCRA Facility Investigation Report. Elevated PCE concentrations in soil gas near office. TPH-MS & TPH-D concentrations elevated in GW near former USTs. RP to install new GW monitoring well in this area & conduct in-door air sampling. New RFI Workplan addendum & report to follow, prior to CMS which will include any needed remedy, O&M, and LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 01/13/2011
Comments: Summary of actions taken in prior quarter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 07/30/2010
Comments: Quarterly Summary Report submitted. No DTSC comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/04/2011
Comments: RFI Fieldwork (Quarterly GW Monitoring).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 09/04/2012
Comments: Revised Risk Assessment Report. The conservative RA performed for the site indicated potential site-related risks and hazards above target levels for some chemicals in soil, groundwater, and soil vapor. Specifically, elevated risk and hazard estimates for onsite receptors were associated with benzo(a)pyrene in soil, TPHms in groundwater, and 1,2,4-trimethylbenzene, benzene, and ethylbenzene in soil vapor. 1,4-Dichlorobenzene and PCE in soil vapor also contributed, but to a lesser extent, to the elevated risk estimates. Offsite risks that were considered to be potentially site-related were mainly due to

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

1,2-DCA, PCE, and 1,1-DCA in groundwater. Each of the exposure scenarios associated with these elevated risks and hazards is further discussed within the Report. Target concentrations for chemicals in onsite groundwater and soil vapor were developed to assist with future site monitoring and management decisions. Based on recent comments from DTSC (2012b) for another S-K site in California, single chemical values, rather than multiple chemical adjusted values, were calculated. Target concentrations were determined by identifying the concentrations of each chemical in groundwater or soil vapor that would result in a risk estimate of 10⁻⁶ or a hazard quotient of 1 (whichever was lower). These values could be used to determine when operation of the SSD system, or continuation of long-term monitoring, is no longer necessary, or to assist with remedial or mitigation efforts in the event of a future land use change. Target groundwater and soil vapor concentrations are shown in Table 26, and summarized within the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/17/2007
Comments: FACILITY CLOSURE CERTIFICATION REPORT. Closure Certification Statement. The following hazardous waste management units (HWMUs) at the facility were closed in general accordance with the approved closure plan: One 12,000-gallon underground tank used for the storage of spent mineral spirits, Two drum washer units within the return/fill station (1,432-gallon capacity), Two container storage areas (8,254-gallon capacity).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/24/2006
Comments: FACILITY CLOSURE WORKPLAN, September 21, 2006. Resource Conservation Recovery Act (RCRA) closure activities are anticipated to occur in 2006. Closure of this facility will include decontamination of the hazardous waste management units (HWMUs). The maximum waste inventory at the facility is 21,754 gallons based on the HWMUs capacities: Tank Storage: One nominal 12,000-gallon double-walled UST (underground storage tank) used to store spent parts washer solvent. Return/Fill Shelter: Two drum washer units and the Return/Fill Shelter (maximum of 1,500 gallons of sediment). Container Storage: Two container storage areas with a total waste storage capacity of 8,254 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 04/06/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan Addendum
Completed Date: 11/27/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2011
Comments: Summary report for Jan-March 2011. RP submitted draft reports during this period.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/10/2011
Comments: WN hand-delivered by RP contractor 10/12/11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/16/2012
Comments: GW monitoring for RFI (2nd Event). Second consecutive quarter of groundwater monitoring activities the week of January 16, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/20/2011
Comments: Quarterly Progress Report (July through September 2011). Per DTSC's formal request and in accordance with the CACA, Safety-Kleen Systems, Inc. (S-K) submitted an RFI Work Plan and two additional revised work plans between April 9, 2010 and May 20, 2011. S-K provided an additional RFI Work Plan Addendum to DTSC on July 8, 2011. DTSC issued formal approval of the RFI Work Plan in a letter dated July 12, 2011. Pursuant to previous notifications, S-K is scheduled to commence the additional RFI field activities the week of October 24, 2011. S-K will report the findings of the RFI in general accordance with the project schedule presented in the DYSC-approved RFI Work Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/25/2012
Comments: Quarterly Progress Report (October through December 2011). Safety-Kleen Systems, Inc. (S-K) initiated RFI field activities the week of October 24, 2011 and completed the second consecutive quarter of groundwater monitoring activities the week of January 16, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/24/2012
Comments: Quarterly Progress Report (January through March 2012). Safety-Kleen Systems, Inc. (S-K) initiated RFI field activities the week of October 24, 2011 and completed field activities on January 30, 2012. Per previous agreements with DTSC, an RFI Report and a Risk Assessment Report were submitted on March 13, 2012 and April 13, 2012, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Document Type: Other Report
Completed Date: 07/30/2012
Comments: Quarterly Progress Report (April through June 2012). Per DTSC s formal requests and in accordance with the CACA, Safety-Kleen Systems, Inc. (S-K) submitted an RFI Work Plan and two additional revised work plans between April 9, 2010 and May 20, 2011. S-K provided an additional RFI Work Plan Addendum to DTSC on July 8, 2011. DTSC issued formal approval of the RFI Work Plan in a letter dated July 12, 2011. S-K initiated RFI field activities the week of October 24, 2011 and completed field activities on January 30, 2012. Per previous agreements with DTSC, an RFI Report and a Risk Assessment Report were submitted on March 13, 2012 and April 13, 2012, respectively. S-K provided responses to DTSC comments, for both the RFI and risk assessment, in submittals dated June 15, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 04/14/2014
Comments: Final Revised Corrective Measures Study Work Plan. Groundwater monitoring to evaluate the effectiveness of monitored natural attenuation will be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 01/28/2013
Comments: add 1 well & conduct indoor air monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 08/20/2013
Comments: Revised RFI Report Addendum. The RFI Addendum field investigation was conducted pursuant to the December 2012 RFI Work Plan Addendum. Additional groundwater data at the facility has been further characterized and an indoor air investigation was completed to further evaluate the effectiveness of the SSD system. PCE and TCE, the two primary constituents of concern identified during 2011/2012 soil gas sampling, were not detected in the March 2013 indoor air samples. Acrolein, benzene, and carbon tetrachloride were detected in indoor air above RSLs, but at similar concentrations to background. Chloroform was detected in three indoor air samples above the residential RSL but below the industrial RSL. Chloroform is commonly detected in indoor air and often attributed to use of water from chlorine treated water systems. Ethylbenzene was detected above the residential RSL, but also below the industrial RSL in all samples. Potential indoor air sources of ethylbenzene include paint, paint thinner, wood office furniture, scented candles, and gasoline. Information provided in the September 2012 RFI Report indicated the current SSD system met industry standard pressure differential benchmarks within the building. Evaluation of the March 2013 indoor air data further supports the SSD system is effective in mitigating potential vapor intrusion attributable to soil gas impacts beneath the building. March 2013 groundwater data was generally consistent with historical results. It should be noted that the March 2013 TPH-MS concentration in the sample collected from well MW-14 (2.11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

mg/L) was lower than the October 2011 grab groundwater sample concentration (7.66 mg/L) collected in the same vicinity. However, the March 2013 concentration still exceeds the target level of 1.0 mg/L identified in the Revised Risk Assessment Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/29/2012
Comments: Quarterly Progress Report (July through September 2012). Per DTSC's formal requests and in accordance with the CACA, Safety-Kleen Systems, Inc. (S-K) submitted a Final Revised RFI Report on September 17, 2012. DTSC formally approved the Report in a memorandum dated September 28, 2012. In accordance with DTSC's request in the September 2012 memorandum, S-K intends to submit an RFI Work Plan Addendum for installing an additional groundwater monitoring well and conducting indoor air monitoring no later than November 2, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 02/13/2013
Comments: The work will begin February 25, 2013 between 7:30 A.M. and 5:30 P.M. This work will take approximately three to five days to complete. Work activities will include the following: Two vehicles and approximately two staff to collect samples; Drilling equipment; and The use of portable pump equipment to extract water samples. There should be no significant disruption of traffic, dust, or other nuisances associated with this work. This work will be done according to a Work Plan which has been reviewed and approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/06/2013
Comments: Quarterly Progress Report (October through December 2012). Safety-Kleen Systems, Inc. (S-K) submitted an RFI Work Plan Addendum and a Revised RFI Work Plan Addendum for installing an additional groundwater monitoring well and conducting indoor air monitoring on November 2, 2013 and December 26, 2012, respectively. S-K received formal DTSC approval of the December 2012 Revised Work Plan in a memorandum dated January 28, 2013. S-K anticipates working with DTSC to finalize RFI field scheduling during the January through March 2013 quarter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/02/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/16/2013
Comments: Quarterly Progress Report (January through March 2013). Safety-Kleen Systems, Inc. (S-K) received formal DTSC approval of the December

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

2012 Revised Work Plan in a memorandum dated January 28, 2013. S-K finalized the additional RFI field activities (additional groundwater monitoring and indoor air sampling) during the week of March 25, 2013, and anticipates submitting a RFI Report Addendum within 45 days receipt of complete and accurate laboratory data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/17/2015
Comments: Public Notice for CMS to be run in the Oakland Tribune on June 25, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2013
Comments: Quarterly Progress Report (April through June 2013). Safety-Kleen Systems, Inc. (S-K) submitted the RFI Report Addendum to DTSC on June 24, 2013, and received DTSC comments on July 29, 2013. S-K intends to resubmit the RFI Report Addendum on or before August 12, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Report
Completed Date: 09/25/2015
Comments: The selected remedy for the site includes monitored natural attenuation for ground water and a sub-slab depressurization system for soil gas beneath the building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/15/2014
Comments: Fieldwork per CMS Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/17/2015
Comments: Fact Sheet for CMS to be mailed to mailing list by June 22

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2014
Comments: Quarterly Progress Report (October through December 2013). Safety-Kleen Systems, Inc. (S-K) submitted a Corrective Measures Study Work Plan to DTSC on October 22, 2013 and received DTSC comments in a December 17, 2013 memorandum. S-K anticipates submitting a Revised Corrective Measures Study Work Plan to DTSC on or before February 17, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/09/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Comments: Fieldwork per CMS Workplan. Occurred the weeks of April 14 and July 7, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/10/2014
Comments: Quarterly Progress Report (April through June 2014). Per the approved CMS Work Plan, Safety-Kleen Systems, Inc. (S-K) performed a groundwater sampling event the week of April 14, 2014, and implemented the second consecutive quarterly event the week of July 7, 2014. As documented in the June 27, 2014 Field Activity Notification Letter, S-K intends to submit a summary of the data collected during the April and July 2014 monitoring events, on or before September 1, 2014, to the DTSC. The submittal will contain recommendations to whether two additional consecutive quarterly groundwater monitoring events are needed as part of the CMS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 05/20/1996
Comments: RCRA FACILITY INVESTIGATION (RFI) REPORT, March 27, 1996. The focus of the RFI activities was to define the presence and extent of potential impacts associated with SWMUs (Solid Waste Management Units) and AOC (Area of Concern) and on collecting data to evaluate potential corrective measures. Safety-Kleen believes that the site characterization activities which have been completed adequately assess the subsurface in the vicinity of SWMU No. 2, SWMU No. 3, and AOC No. 1. Investigation of SWMU No. 1 will be conducted as part of facility closure or partial closure activity. Safety-Kleen does not propose to conduct additional site characterization work at this time. Safety-Kleen requests that the soil vapor extraction (SVE) system be considered the final interim corrective measure. The operation of the SVE system and the product recovery system is continuing Safety-Kleen will not initiate groundwater extraction and treatment at this time due to the encroaching VOC plume. Groundwater extraction will only be considered when mitigation of the upgradient source the VOCs has been performed by the responsible parties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 02/23/1996
Comments: RCRA FACILITY INVESTIGATION (RFI) WORKPLAN, February 1, 1996. The RFI Work Plan summarizes site characterization work conducted at the Site through February 1996 for the Area of Concern (AOC) and Solid Waste Management Units (SWMUs) identified in the RCRA Facility Assessment (RFA) Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 12/15/2009
Comments: The RA Work Plan is approved, but additional characterization may be necessary. RFI Report was under review at the time of the RA Work Plan approval.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/30/2009
Comments: Review complete - no letter sent w/

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/15/2016
Comments: Sub-slab depressurization (SSD) system sampling and operation and maintenance (O&M) activities, performed in accordance with the Sub-Slab Depressurization System Operation and Maintenance Plan and Monitored Natural Attenuation Plan, including verifying SSD system fans are operating properly, collection of system readings, and collection of a vapor sample from SSD system point SP-2 for laboratory analysis of volatile organic compounds by Method TO-15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/22/2016
Comments: Sub-slab depressurization (SSD) system sampling and operation and maintenance (O&M) activities, performed in accordance with the Sub-Slab Depressurization System Operation and Maintenance Plan and Monitored Natural Attenuation Plan, including verifying SSD system fans are operating properly, collection of system readings, and collection of a vapor sample from SSD system point SP-2 for laboratory analysis of volatile organic compounds by Method TO-15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/14/2016
Comments: Sub-slab depressurization (SSD) system sampling and operation and maintenance (O&M) activities, performed in accordance with the Sub-Slab Depressurization System Operation and Maintenance Plan and Monitored Natural Attenuation Plan, including verifying SSD system fans are operating properly, collection of system readings, and collection of a vapor sample from SSD system point SP-2 for laboratory analysis of volatile organic compounds by Method TO-15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/14/2018
Comments: Soil vapor wells abandonment fieldwork completed on March 14, 2018. Report to be submitted within 60 days.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/17/2017
Comments: Pursuant to the September 21, 2009 Corrective Action Consent Agreement (CACA), the Department of Toxic Substances Control (DTSC) issues this RCRA Corrective Action Completion Determination for the Safety-Kleen Systems, Incorporated (S-K) property located at 400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Market Street, Oakland, Alameda County, California 94607 (Site). S-K is the owner of the Site. On October 17, 2017, DTSC issued a Cleanup Complete (CC) determination that Cleanup Complete - Controls Required Long Term Stewardship has been achieved. The facility was completely characterized and assessed with respect to all media onsite and offsite (if applicable), and not all media met cleanup requirements. Noncompliant media were remediated so that no further operation of engineered remedies is required for industrial land use. Nevertheless, some amount of hazardous waste still remains beneath the facility and limited periodic examination and care are required to continue into the long-term future to ensure that certain installed engineered barriers, covers, caps, fences, signage, etc. and certain active and/or passive remedies, e.g., SSDS and MNA, remain efficacious. A No Further Action Determination is not applicable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 06/16/1993
Comments: STABILIZATION MEASURES EVALUATION - FACILITY NOT AMENABLE TO STABILIZATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 03/15/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 03/05/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/01/1993
Comments: Per the 4/6/2000 CMS workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 09/27/1990
Comments: RFA Completed - September 27, 1990

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2011
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2011/2012 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Document Type: Consent Agreement
Completed Date: 09/21/2009
Comments: Received signed consent agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/26/2007
Comments: Facility Closure Certification Acknowledgment. This letter is to inform Safety-Kleen Systems, Inc. that DTSC now considers the Hazardous Waste Management Unites (HWMUs) at the facility closed and acknowledges the Closure Certification submitted on August 20, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 02/18/2011
Comments: CONSENT ORDER, executed 2/8/2011, between DTSC and Safety-Kleen Systems, Inc.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 07/03/2012
Comments: Documentation of Environmental Indicator Determination, RCRA Corrective Action, Environmental Indicator (EI) RCRIS code (CA725), Current Human Exposures Under Control. "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in RA Report, current human exposures are expected to be under control at the Safety-Kleen Site under current and reasonably expected conditions (400 Market Street, Oakland, CA, CAD053044053).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2016
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2016/2017 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/29/2015
Comments: CEQA-NOE Final/Signed/Filed with State Clearinghouse

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 09/28/2015
Comments: Remedy Construction Complete Milestone: US EPA Region 9 GPRA Measure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Signature Page, RCRA Corrective Action Assessment of CA550, Basis for Approval, and Figures. Remedy Construction Complete determination for remedial activities overseen by DTSC. YES, Remedy Construction Completed (Site-wide) - ALL Final remedy decisions and ALL remedy construction necessary for protection of human health and the environment made for ALL portions of the site, completely installed, and operating according to specifications stated in the remedy decision documents or approved work plans.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/20/2017
Comments: Land Use Covenant and Agreement - Environmental Restrictions, recorded with Alameda County on January 20, 2017. This Land Use Covenant and Agreement ("Covenant") is made by and between Safety-Kleen Systems, Incorporated (the "Covenantor"), the successor in interest to the owner of record located at 400 Market Street, Oakland, in the County of Alameda County, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). The Property that is subject to this Covenant, totaling approximately 0.6 acres, is more particularly described in the attached Exhibit A, Legal Description, and depicted in Exhibit B, Assessor's Map. The Property is located in the area now generally bounded by 5th Street on the north, 4th Street on the south, Brush Street on the east, and Market Street on the west. The Property is also identified as County of Alameda, Assessor Parcel Numbers 001-0113-001-02 and 001-0113-002-02. This Property has been investigated and/or remediated under the Department's oversight. The Department approved a Corrective Measures Study (CMS), dated April 2, 2015, and an Operations and Maintenance Plan and Monitored Natural Attenuation Plan, dated February 19, 2016, in accordance with Health and Safety Code, division 20, chapter 6.5. The remediation activities conducted at the Property include installation and continued operation and maintenance of the sub-slab depressurization system, monitored natural attenuation for groundwater, and land use restrictions. As part of the DTSC-approved remedy at the Site, the sub-slab depressurization system layout and a monitoring well location diagram showing the location(s) of the installed remedy are attached as Exhibit C and Exhibit D.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2012
Comments: Annual Oversight Cost Estimate letter with enclosures (Cost Estimate and Activity Schedule) of DTSC oversight for 2012/2013 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 09/25/2015
Comments: The selected remedy for the site includes monitored natural attenuation for ground water and a sub-slab depressurization system for soil gas beneath the building.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 06/30/2015
Comments: DTSC determined that migration of contaminated groundwater has stabilized and that groundwater monitoring will be conducted to confirm that the groundwater plume is naturally attenuating.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/10/2014
Comments: also indicates no more quarterly letter reports required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2013
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2013/2014 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2014
Comments: Annual Oversight Cost Estimate letter with enclosures (Cost Estimate and Activity Schedule) of DTSC oversight for 2014/2015 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/27/2014
Comments: Field Activity Notification Schedule. Second consecutive quarterly Corrective Measures Study (CMS) groundwater monitoring event at wells MW-1 through MW-4, MW-8R, MW-11R, and MW-14 on July 9 and 10, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 01/19/2017
Comments: Effective January 19, 2017, the California Department of Toxic Substances Control (DTSC) and Safety-Kleen Systems, Incorporated (Proponent) enter into this Operation and Maintenance Agreement (Agreement) for the site located at 400 Market Street, Oakland, Alameda County, California 94607 (Site). A DTSC-approved remedy has been installed at the Site for the remediation of soil gas and groundwater. The remedy consists of continued operation and maintenance of the sub-slab depressurization system and soil vapor and groundwater monitoring wells for monitored natural attenuation of groundwater. Proponent shall fully implement the DTSC-approved Operation and Maintenance Plan dated February 19, 2016 or any successor O&M Plan as later approved by DTSC, including any requirements for inspections, monitoring, reporting and record keeping.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2015
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2015/2016 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/26/2015
Comments: Notification of change in DTSC Project Manager as of August 18, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/02/2017
Comments: Pre-HARP for Site Visits on 5/2/2017 and 5/3/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/24/2015
Comments: DTSC letter dated November 24, 2015, requesting submittal of a draft Operations & Maintenance Plan (O&M Plan) for selected remedy by January 1, 2016. Selected remedy includes sub-slab depressurization system for soil gas beneath the building and monitored natural attenuation for groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: Annual Oversight Cost Estimate letter with enclosures (Activity Schedule and Cost Estimate) of DTSC oversight for 2017/2018 Fiscal Year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/31/2017
Comments: Operation and Maintenance Agreement (OMA), Consultant Project Team Designation Notification. Per Sections 16 and 17 of the OMA (Project Managers/Proponent s Consultant and Contractor), Safety Kleen Systems, Inc. (S-K) is notifying DTSC of its consultant project team for this site. Resumes detailing their experience and qualifications are included as Attachment A. Brian Culnan, P.G, Senior Remediation Manager, will continue to be the S-K Project Manager for this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/09/2018
Comments: TriHydro letter notifying DTSC of its intent to conduct sub-slab depressurization (SSD) system sumping and operation and maintenance (O&M) activities on May 23, 2018 in accordance with the 1/19/2017 O&M Agreement, 2/5/2016 O&M/MNA Plans, and land use covenant.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/28/2018
Comments: Notification of Change in DTSC Project Manager as of April 2, 2018.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2027
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2032
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2022
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Envirostor ID: 80001412
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: CORRECTIVE ACTION
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CHMIRS:

OES Incident Number: 5-3944
OES notification: 07/01/2005
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Safety Clean
Incident Date:	7/1/200512:00:00 AM
Admin Agency:	City of Oakland Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Lithium Batteries
Gallons:	16
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	10
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

Description: Per caller a drum of lithium batteries exploded. Fire Dept responded. 10 Personnel from the facility were evacuated for about 20 minutes. All person have returned to the work place. Operation are back to normal operations.

WDS:

Facility ID: San Francisco Bay 011002051
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 5108327942
Facility Contact: HEATHER COLLINS
Agency Name: SAFETYKLEEN CORP
Agency Address: 400 Market St
Agency City,St,Zip: Oakland 946073034
Agency Contact: HEATHER COLLINS
Agency Telephone: 7075842317
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS TANKS:

Site ID: 342444
CERS ID: 80001412

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN OAKLAND (Continued)

1001407764

CERS Description: Corrective Action

Affiliation:

Affiliation Type Desc: Supervisor
 Entity Name: JANET NAITO
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Lead Project Manager
 Entity Name: JANET NAITO
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: BERKELEY
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

157
West
1/2-1
0.987 mi.
5210 ft.

Relative:
Lower

Actual:
7 ft.

TRANS BAY CONTAINER TERMINAL
2500 7TH STREET
OAKLAND, CA 94607

RESPONSE **S105940082**
ENVIROSTOR **N/A**
HIST Cal-Sites
DEED
CHMIRS
Cortese
EMI
WDS
CIWQS

AWP:

AWP Facility ID: 01280092
 Region Code: 2
 Region: BERKELEY
 SMBR Branch Code: NC
 SMBR Branch Unit: NORTH COAST
 Site Name.: Not reported
 Current Status Date: 09102001
 Current Status: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency Code: DTSC
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 Facility Type: responsible party
 Awp Site Type: RESPONSIBLE PARTY
 NPL: Not Listed
 Tier Of AWP Site: Not reported
 Source Of Funding: C
 Responsible Staff Member: EGILLERA
 Supervisor Responsible: Not reported
 SIC Code: 28
 Facility SIC: MANU - CHEMICALS & ALLIED PRODUCTS
 RWQCB Code: SF
 RWQCB Associated With Site: SAN FRANCISCO BAY
 Site Access Controlled: Not reported
 Site Listed HWS List: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 16
State Senate District: 09

RESPONSE:

Facility ID: 1280092
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 6.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Elizabeth Chung-Huynh
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Site Code: 201392
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Certified / Operation & Maintenance
Status Date: 09/20/2011
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.81086
Longitude: -122.3215
APN: NONE SPECIFIED
Past Use: MANUFACTURING - CHEMICALS
Potential COC : Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE
TPH-diesel TPH-gas Trichloroethylene (TCE
Confirmed COC: Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE
TPH-diesel TPH-gas Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 1280092
Status: Certified / Operation & Maintenance
Status Date: 09/20/2011
Site Code: 201392
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 6.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Elizabeth Chung-Huynh
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81086
Longitude: -122.3215
APN: NONE SPECIFIED
Past Use: MANUFACTURING - CHEMICALS
Potential COC: Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE
TPH-diesel TPH-gas Trichloroethylene (TCE
Confirmed COC: Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE
TPH-diesel TPH-gas Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:

Region: BERKELEY
Facility ID: 01280092
Facility Type: RP
Type: RESPONSIBLE PARTY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 09102001
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 28
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: EGILLERA
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 16
State Senate District Code: 09
Facility ID: 01280092
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: ISE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09142001
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01280092
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07012005
Revised Due Date: 07012006
Comments Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01280092
Activity: RAW
Activity Name: REMOVAL ACTION WORKPLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 12312004
Revised Due Date: 11302005
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 01280092
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 04302005
Revised Due Date: 01312006
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 2700 7TH STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Alternate Address: 2500 7TH STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: The site is located along the edge of the Port of Oakland's Outer Harbor. From 1958 to 1974, the site was occupied by the McGuire Chemical Company. McGuire blended, packaged and stored chemicals such as anti-freeze and various volatile organic chemicals (VOCs), including aromatic and chlorinated compounds. Potential contaminants at the site include: total petroleum hydrocarbons (TPH) as gasoline, diesel, and motor oil, tetrachloroethylene (PCE), trichloroethene (TCE), polynuclear aromatic hydrocarbons (PAHs), arsenic, and metals such as copper, nickel and lead. The chemicals were stored in above ground tanks. Investigations have found aromatic and chlorinated solvents in soil and groundwater in the former area of the above ground tanks. The site currently operates as a marine container terminal.
Comments Date: 02042004
Comments: Approved final RI. To characterize the extent of soil and
Comments Date: 02042004
Comments: groundwater contamination, the site's soils and groundwater were
Comments Date: 02042004
Comments: investigated in phases. The primary contaminants of concern are
Comments Date: 02042004
Comments: VOCs and TPH.
Comments Date: 09142001
Comments: Issued I&SE Order requiring the Port of Oakland to investigate
Comments Date: 09142001
Comments: the site and to conduct remedials as necessary.
ID Name: CALSTARS CODE
ID Value: 201392
Alternate Name: PORT OF OAKLAND, BERTH 25 AND 26
Alternate Name: MC GUIRE CHEMICAL COMPANY
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:

Envirostor ID: 1280092
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

CHMIRS:

OES Incident Number:	10-1859
OES notification:	03/17/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	San Francisco Bay
Spill Site:	Ship/Harbor/Port
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2230
Year:	2010
Agency:	TransBay Container Terminal
Incident Date:	3/17/2010
Admin Agency:	City of Oakland Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	San Francisco Bay
E Date:	Not reported
Substance:	Hydraulic Fluid
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatales: Not reported
Comments: Not reported
Description: A hydraulic line on a crane broke causing the spill.

CORTESE:

Region: CORTESE
Envirostor Id: 1280092
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date: 09/20/2011
Site Code: 201392
Latitude: 37.810869
Longitude: -122.32152
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

EMI:

Year: 2001
County Code: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2002
County Code: 1
Air Basin: SF
Facility ID: 12387

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
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: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
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: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.205
Reactive Organic Gases Tons/Yr: 0.1715235
Carbon Monoxide Emissions Tons/Yr: 0.545
NOX - Oxides of Nitrogen Tons/Yr: 2.612
SOX - Oxides of Sulphur Tons/Yr: 0.005
Particulate Matter Tons/Yr: 0.01
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.00976

Year: 2005
County Code: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.601

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Reactive Organic Gases Tons/Yr: 2.1762567
Carbon Monoxide Emissions Tons/Yr: 7.17
NOX - Oxides of Nitrogen Tons/Yr: 32.968
SOX - Oxides of Sulphur Tons/Yr: .041
Particulate Matter Tons/Yr: .047
Part. Matter 10 Micrometers and Smllr Tons/Yr:.045872

Year: 2006
County Code: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.3
Reactive Organic Gases Tons/Yr: 1.08771
Carbon Monoxide Emissions Tons/Yr: 2.868
NOX - Oxides of Nitrogen Tons/Yr: 32.968
SOX - Oxides of Sulphur Tons/Yr: .51
Particulate Matter Tons/Yr: .047
Part. Matter 10 Micrometers and Smllr Tons/Yr:.045872

Year: 2007
County Code: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.3
Reactive Organic Gases Tons/Yr: 1.08771
Carbon Monoxide Emissions Tons/Yr: 2.868
NOX - Oxides of Nitrogen Tons/Yr: 32.968
SOX - Oxides of Sulphur Tons/Yr: .51
Particulate Matter Tons/Yr: .047
Part. Matter 10 Micrometers and Smllr Tons/Yr:.045872

Year: 2008
County Code: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .137
Reactive Organic Gases Tons/Yr: .1146279
Carbon Monoxide Emissions Tons/Yr: .294
NOX - Oxides of Nitrogen Tons/Yr: 3.386
SOX - Oxides of Sulphur Tons/Yr: .002
Particulate Matter Tons/Yr: .005
Part. Matter 10 Micrometers and Smllr Tons/Yr:.00488

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Year: 2009
County Code: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13700000000000001
Reactive Organic Gases Tons/Yr: 0.1146279
Carbon Monoxide Emissions Tons/Yr: 0.314
NOX - Oxides of Nitrogen Tons/Yr: 3.6549999999999998
SOX - Oxides of Sulphur Tons/Yr: 0.002
Particulate Matter Tons/Yr: 0.0121229508196721
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.1832000000000001E-2

Year: 2010
County Code: 1
Air Basin: SF
Facility ID: 12387
Air District Name: BA
SIC Code: 4491
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13700000000000001
Reactive Organic Gases Tons/Yr: 0.1146279
Carbon Monoxide Emissions Tons/Yr: 0.314
NOX - Oxides of Nitrogen Tons/Yr: 3.6549999999999998
SOX - Oxides of Sulphur Tons/Yr: 0.002
Particulate Matter Tons/Yr: 1.2295081967213101E-2
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.012

WDS:

Facility ID: San Francisco Bay 011002461
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 5108390790
Facility Contact: RUSS PALCER
Agency Name: TRANSBAY CONTAINER TERMINAL
Agency Address: 2500 7th St
Agency City,St,Zip: Oakland 946071008
Agency Contact: RUSS POLCER
Agency Telephone: 5108390790
Agency Type: ?
SIC Code: 0
SIC Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANS BAY CONTAINER TERMINAL (Continued)

S105940082

Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Transbay Container Terminal I
Agency Address: 2500 7th St, Oakland, CA 94607
Place/Project Type: Industrial - Marine Cargo Handling
SIC/NAICS: Multiple
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 011002461
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 04/01/1992
Termination Date: 10/25/2010
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.80885
Longitude: -122.31801

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

158
 NNE
 1/2-1
 0.997 mi.
 5264 ft.

ARMY-NAVY DISTRIBUTING CENTER
OAKLAND, CA

FUDS 1007211908
N/A

Relative:
Lower
Actual:
10 ft.

FUDS:
 EPA Region: 09
 Congressional District: 13
 FUDS Number: J09CA0753
 State: CA
 Facility Name: ARMY-NAVY DISTRIBUTING CENTER
 Fiscal Year: 2013
 City: OAKLAND
 Federal Facility ID: CA9799F5696
 Telephone: 916-557-7461
 INST ID: 57292
 County: ALAMEDA
 RAB: Not reported
 CORPS_DIST: Sacramento District (SPK)
 NPL Status: Not Listed
 CTC: 15
 Current Owner: Private Sector
 Future Prog: Not reported
 Description: The site is 3.08 acres and is located in the City of Oakland in Alameda County, CA. Two 10,000-gallon underground storage tanks (USTs), a pumping station, a diesel fuel dispenser, and two fill pipes were installed and used by the Santa Fe Land and Improvement Company prior to and after Department of Defense leased the property. The USTs were last used in June 1962 for diesel fuel storage and dispensing. A private individual currently owns the property and leases it to LDS Truck Lines and A.M. and S Transportation Company for use as a warehouse and truck distributing center.
 Current Program: Not reported
 History: On 15 October 1943, the War Department leased a total of 3.08 acres from the Santa Fe Land and Improvement Company. The 9th District's Transportation Officer used the site for warehousing facilities, trucking operations, and as a distribution center. The War Department terminated the lease on 15 June 1946 and the site reverted back to the Santa Fe Land and Improvement Company. In 1982 the property was sold to a private individual. There are no potential hazards related to previous DoD activities currently identified at this site.
 Latitude Degree: 37
 Latitude Minute: 49
 Latitude Second: 13
 Latitude Direction: N
 Longitude Degree: -122
 Longitude Minute: 18
 Longitude Second: 33
 Longitude Direction: E

Count: 3 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
OAKLAND	S118421406	5TH ST AND MAGNOLIA ST REDEVELOPME	0 5TH STREET AND MAGNOLIA ST	94607	Alameda County CS
OAKLAND	1000440657	USNAVY PUBLIC WORKS CENTER SAN FRA	NAVAL SUPPLY CENTER OAKLAND	94623	SEMS-ARCHIVE, RCRA-SQG
OAKLAND	S104539364	SOUTHERN PACIFIC TRANS CO	UNKNOWN 5TH AVE & KIRKHAM	94607	LUST, HIST CORTESE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/27/2018	Telephone: N/A
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/14/2019
	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: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/27/2018	Telephone: N/A
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/14/2019
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: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
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 known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 01/28/2019
	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: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2019
	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: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	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: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018

Date Data Arrived at EDR: 09/25/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 45

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019

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: 10/29/2018

Date Data Arrived at EDR: 10/30/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/30/2018

Next Scheduled EDR Contact: 02/11/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/29/2018

Date Data Arrived at EDR: 10/30/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/30/2018

Next Scheduled EDR Contact: 02/11/2019

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/12/2018

Date Data Arrived at EDR: 11/14/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 29

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/14/2018

Next Scheduled EDR Contact: 02/25/2019

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	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: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: see region list
Date Made Active in Reports: 10/08/2018	Last EDR Contact: 12/11/2018
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/25/2019
	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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: 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: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 916-327-7844
Date Made Active in Reports: 10/03/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/12/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Quarterly

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: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
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: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
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: 09/18/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 10/25/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/11/2019
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 09/12/2018	Telephone: 916-323-3836
Date Made Active in Reports: 10/15/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 33	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/26/2018	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 09/28/2018	Telephone: 916-341-6422
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 08/07/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/25/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/11/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/22/2018
Number of Days to Update: 137	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 11/02/2018
Number of Days to Update: 176	Next Scheduled EDR Contact: 02/11/2019
	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: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/29/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/30/2018	Telephone: 916-323-3400
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 10/30/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 02/11/2019
	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: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 11/01/2018
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/21/2019
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 10/22/2018	Source: CalEPA
Date Data Arrived at EDR: 10/23/2018	Telephone: 916-323-2514
Date Made Active in Reports: 11/30/2018	Last EDR Contact: 10/23/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/04/2019
	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: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	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: 03/28/2018	Source: Department of Public Health
Date Data Arrived at EDR: 05/25/2018	Telephone: 707-463-4466
Date Made Active in Reports: 07/10/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 46	Next Scheduled EDR Contact: 03/11/2019
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 10/01/2018
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
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: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/04/2018	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/05/2018	Telephone: 916-323-3400
Date Made Active in Reports: 10/02/2018	Last EDR Contact: 12/05/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/18/2019
	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: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 11/05/2018
	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: 09/10/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/08/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/25/2019
	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: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/19/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/21/2019
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 11/16/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/25/2019
	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: 08/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/25/2018	Telephone: 202-566-1917
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/07/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/05/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/18/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 11/09/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/18/2019
	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	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 09/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 12/31/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
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: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
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: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 03/18/2019
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: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/18/2019
	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: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/11/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 10/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: 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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: 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	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/18/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/04/2019
	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: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 10/03/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 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 Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
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: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
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: 11/21/2018
Next Scheduled EDR Contact: 03/04/2019
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: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
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: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 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: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 11/30/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	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	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 11/30/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/11/2019
	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: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/06/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/25/2019
	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: 08/07/2018	Source: EPA
Date Data Arrived at EDR: 09/05/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 12/05/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/11/2019
	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: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/31/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/28/2019
	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: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 09/24/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/25/2018	Telephone: 916-323-3400
Date Made Active in Reports: 10/16/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/07/2019
	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: 08/28/2018	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 08/30/2018	Telephone: 925-454-2361
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 12/06/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 09/12/2018	Telephone: 415-252-3896
Date Made Active in Reports: 09/19/2018	Last EDR Contact: 11/01/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
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: 10/04/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 27

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/30/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
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: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
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: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/19/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 25

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
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: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
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: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
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: 10/09/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

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

Date of Government Version: 09/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 09/12/2018	Telephone: 916-322-1080
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/25/2019
	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: 08/28/2018	Source: Department of Public Health
Date Data Arrived at EDR: 09/05/2018	Telephone: 916-558-1784
Date Made Active in Reports: 10/03/2018	Last EDR Contact: 12/05/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/14/2018	Telephone: 916-445-9379
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/25/2019
	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: 09/04/2018	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 09/05/2018	Telephone: 916-445-4038
Date Made Active in Reports: 10/03/2018	Last EDR Contact: 12/05/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 09/12/2018	Telephone: 916-323-3836
Date Made Active in Reports: 10/15/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 33	Next Scheduled EDR Contact: 03/25/2019
	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: 09/19/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/20/2018	Telephone: 916-445-3846
Date Made Active in Reports: 10/19/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 09/13/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	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 boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 10/12/2018
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/14/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Quarterly

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/22/2018	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/23/2018	Telephone: 916-323-2514
Date Made Active in Reports: 11/30/2018	Last EDR Contact: 10/23/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/25/2018
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Varies

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: 09/04/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/05/2018	Telephone: 866-794-4977
Date Made Active in Reports: 10/02/2018	Last EDR Contact: 12/04/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

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: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR 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	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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: 10/05/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/10/2018	Telephone: 510-567-6700
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 10/05/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/05/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/10/2018	Telephone: 510-567-6700
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 10/05/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
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: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 10/31/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
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: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 08/16/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 8

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 13

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 10/18/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 27

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/14/2019
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: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 40

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
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: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 49

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
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: 11/21/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 15

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 22

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: 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: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/20/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
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: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Semi-Annually

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: 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: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
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: 11/26/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 15

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
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: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/31/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 19

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/06/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 15

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 03/11/2019
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: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
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: 08/27/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 36

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 11/06/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2018
Next Scheduled EDR Contact: 02/18/2019
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: 09/04/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 27

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 4

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
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: 08/03/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 30

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
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: 08/23/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
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: 07/27/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 41

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
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: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
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: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/17/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 15

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
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: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 42

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
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: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA CLARA: Cupa Facility List Cupa facility list

Date of Government Version: 11/16/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
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: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 36

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
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: 30

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
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: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 43

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 10/18/2018
Number of Days to Update: 44

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
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: 10/02/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 8

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 09/13/2018
Date Data Arrived at EDR: 09/14/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 5

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 02/18/2019
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: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Annually

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: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
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: 09/04/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/04/2018
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 10/15/2018
Date Data Arrived at EDR: 10/19/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 17

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 7

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/12/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 12/04/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 10/09/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/21/2019
	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: 07/01/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/01/2018	Telephone: 518-402-8651
Date Made Active in Reports: 08/31/2018	Last EDR Contact: 10/31/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/11/2019
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/23/2018	Telephone: 717-783-8990
Date Made Active in Reports: 11/27/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/23/2018	Telephone: 401-222-2797
Date Made Active in Reports: 04/09/2018	Last EDR Contact: 11/16/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/15/2018	Telephone: N/A
Date Made Active in Reports: 07/09/2018	Last EDR Contact: 12/07/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1650-1676 7TH STREET & 711-715 CAMPBELL
715 CAMPBELL
OAKLAND, CA 94607

TARGET PROPERTY COORDINATES

Latitude (North):	37.806809 - 37° 48' 24.51"
Longitude (West):	122.299463 - 122° 17' 58.07"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	561668.2
UTM Y (Meters):	4184406.2
Elevation:	15 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641112 OAKLAND WEST, 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).

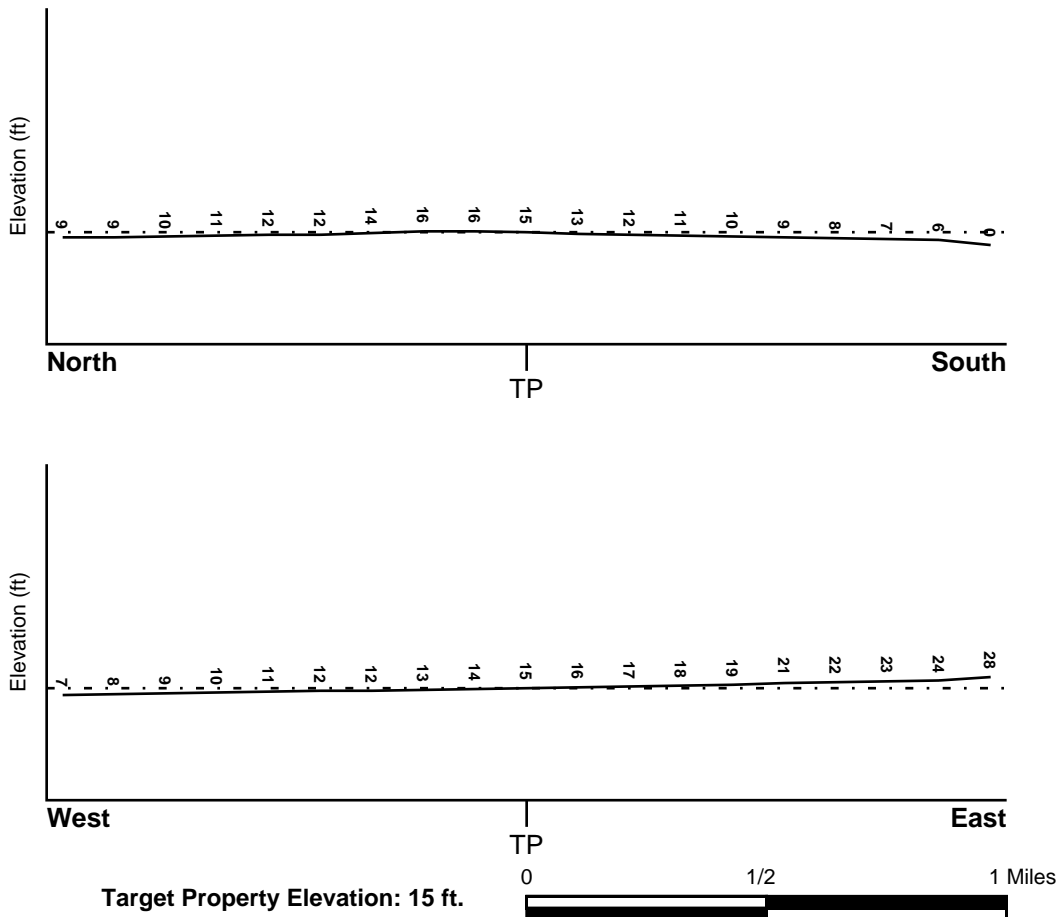
TOPOGRAPHIC INFORMATION

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 SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06001C0066G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06001C0054G	FEMA FIRM Flood data
06001C0058G	FEMA FIRM Flood data
06001C0062G	FEMA FIRM Flood data
06001C0067G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
OAKLAND WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/8 - 1/4 Mile NNE	N, E, S, W
2	1/4 - 1/2 Mile SSE	SW
3	1/4 - 1/2 Mile NE	NE, SE, S
4	1/4 - 1/2 Mile West	E
5	1/2 - 1 Mile NE	SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
6	1/2 - 1 Mile NNE	Not Reported
7	1/2 - 1 Mile SW	E, W
A8	1/2 - 1 Mile ENE	N, S
A9	1/2 - 1 Mile ENE	NE
A10	1/2 - 1 Mile ENE	Not Reported
A11	1/2 - 1 Mile ENE	Not Reported
B12	1/2 - 1 Mile SE	SW
B13	1/2 - 1 Mile SE	SW
C14	1/2 - 1 Mile NE	N
C15	1/2 - 1 Mile NE	SSW
D16	1/2 - 1 Mile ESE	S
D17	1/2 - 1 Mile ESE	SE,S,Varies
D18	1/2 - 1 Mile ESE	SE,S,Varies
19	1/2 - 1 Mile ESE	N
C20	1/2 - 1 Mile NE	NW
C21	1/2 - 1 Mile NE	NW
C22	1/2 - 1 Mile NE	NW
23	1/2 - 1 Mile WNW	SW
E24	1/2 - 1 Mile NW	Not Reported
E25	1/2 - 1 Mile NNW	NW
E26	1/2 - 1 Mile NNW	NW
F27	1/2 - 1 Mile NE	W
F28	1/2 - 1 Mile NE	W
F29	1/2 - 1 Mile NE	W
30	1/2 - 1 Mile West	Varies
G31	1/2 - 1 Mile NNW	SW
G32	1/2 - 1 Mile NNW	SW
G33	1/2 - 1 Mile NNW	SSW
H34	1/2 - 1 Mile NE	S
H35	1/2 - 1 Mile NE	S
H36	1/2 - 1 Mile NE	S
37	1/2 - 1 Mile NNW	SE
38	1/2 - 1 Mile NE	SE
1G	1/2 - 1 Mile NNW	SE
2G	1/2 - 1 Mile NNW	SW
3G	1/2 - 1 Mile NNW	SW
4G	1/2 - 1 Mile NNW	SSW
5G	1/2 - 1 Mile NE	SE
6G	1/2 - 1 Mile NNW	NW
7G	1/2 - 1 Mile NNW	NW
8G	1/2 - 1 Mile NW	Not Reported
9G	1/2 - 1 Mile NE	S
10G	1/2 - 1 Mile NE	S
11G	1/2 - 1 Mile NE	S
12G	1/2 - 1 Mile NE	NW
13G	1/2 - 1 Mile NE	NW
14G	1/2 - 1 Mile NE	NW
15G	1/2 - 1 Mile NE	N
16G	1/2 - 1 Mile NE	SSW
17G	1/2 - 1 Mile NE	W
18G	1/2 - 1 Mile NE	W
19G	1/2 - 1 Mile NE	W
20G	1/2 - 1 Mile NNE	Not Reported
21G	1/2 - 1 Mile NE	SW
22G	1/2 - 1 Mile ENE	N, S
23G	1/2 - 1 Mile ENE	NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
24G	1/2 - 1 Mile ENE	Not Reported
25G	1/2 - 1 Mile ENE	Not Reported
26G	1/4 - 1/2 Mile NE	NE, SE, S
27G	1/2 - 1 Mile West	Varies
28G	1/2 - 1 Mile WNW	SW
29G	1/8 - 1/4 Mile NNE	N, E, S, W
30G	1/4 - 1/2 Mile West	E
31G	1/4 - 1/2 Mile SSE	SW
32G	1/2 - 1 Mile ESE	S
33G	1/2 - 1 Mile ESE	SE,S,Varies
34G	1/2 - 1 Mile ESE	SE,S,Varies
35G	1/2 - 1 Mile ESE	N
36G	1/2 - 1 Mile SW	E, W
37G	1/2 - 1 Mile SE	SW
38G	1/2 - 1 Mile SE	SW

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

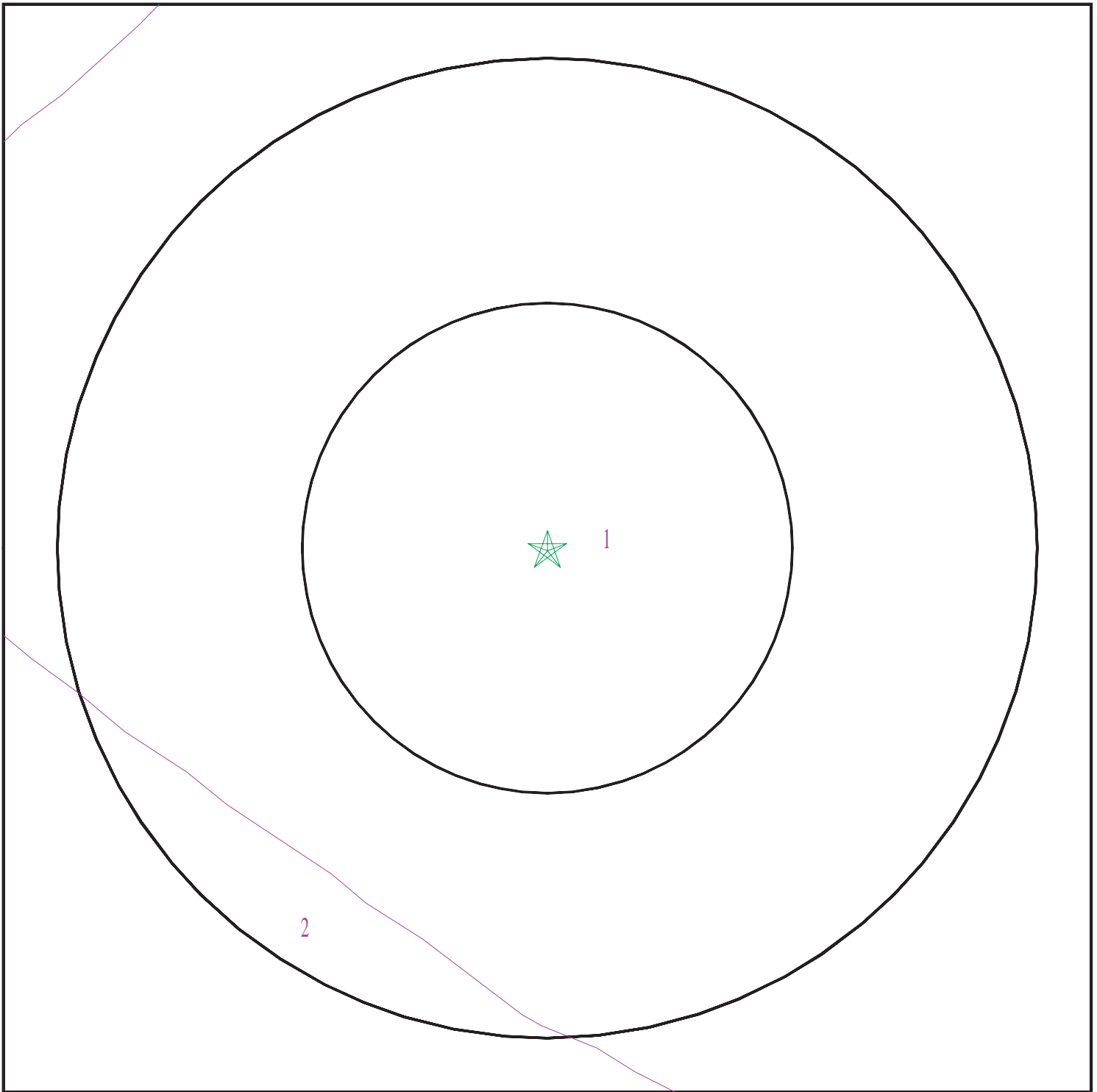
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (<i>decoded above as Era, System & Series</i>)

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 - 5512081.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 1650-1676 7th Street & 711-715 Campbell
ADDRESS: 715 Campbell
Oakland CA 94607
LAT/LONG: 37.806809 / 122.299463

CLIENT: SCA Environmental
CONTACT: Christina Codemo
INQUIRY #: 5512081.2s
DATE: December 14, 2018 1:03 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

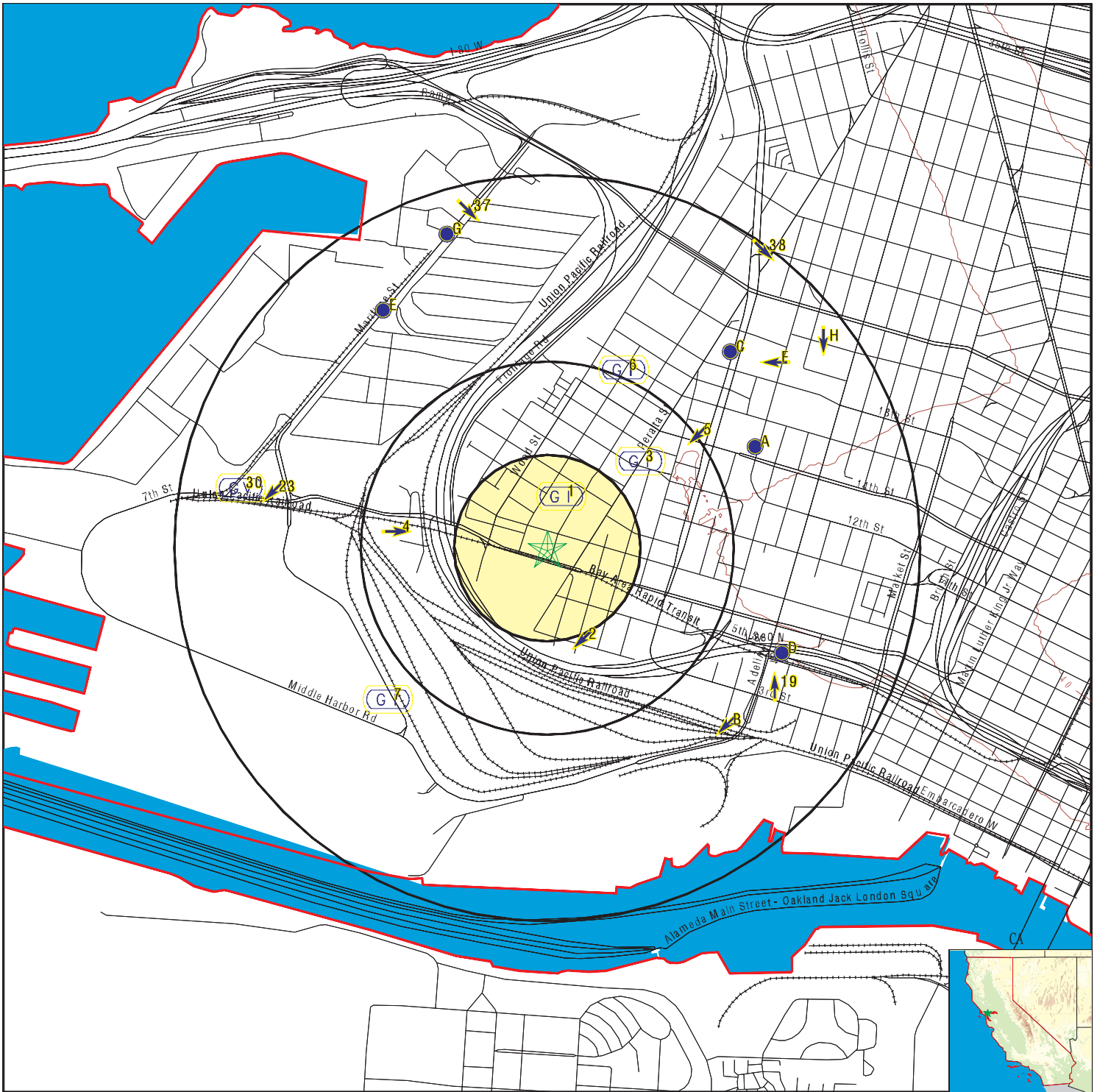
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

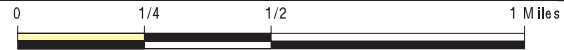
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5512081.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland CA 94607
 LAT/LONG: 37.806809 / 122.299463

CLIENT: SCA Environmental
 CONTACT: Christina Codemo
 INQUIRY #: 5512081.2s
 DATE: December 14, 2018 1:03 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	NNE	1/8 - 1/4 Mile	Higher		
	Site ID:	01-0487		AQUIFLOW	55917
	Groundwater Flow:	N, E, S, W			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	12			
	Date:	12/31/1992			
2	SSE	1/4 - 1/2 Mile	Lower		
	Site ID:	01-0933		AQUIFLOW	55989
	Groundwater Flow:	SW			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	20			
	Date:	08/05/1992			
3	NE	1/4 - 1/2 Mile	Higher		
	Site ID:	01-0506		AQUIFLOW	55880
	Groundwater Flow:	NE, SE, S			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	Not Reported			
	Date:	11/17/1994			
4	West	1/4 - 1/2 Mile	Lower		
	Site ID:	01-1414		AQUIFLOW	67911
	Groundwater Flow:	E			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	11.5			
	Date:	06/20/1988			
5	NE	1/2 - 1 Mile	Higher		
	Site ID:	01-0933		AQUIFLOW	55988
	Groundwater Flow:	SW			
	Shallow Water Depth:	6.5			
	Deep Water Depth:	7.5			
	Average Water Depth:	Not Reported			
	Date:	04/08/1986			
6	NNE	1/2 - 1 Mile	Lower		
	Site ID:	01-0152		AQUIFLOW	55883
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	15			
	Date:	04/22/1993			
7	SW	1/2 - 1 Mile	Lower		
	Site ID:	01-1716		AQUIFLOW	55929
	Groundwater Flow:	E, W			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	6			
	Date:	10/29/1997			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A8 ENE 1/2 - 1 Mile Higher	Site ID:	01-0282	AQUIFLOW	55976
	Groundwater Flow:	N, S		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	5		
Date:	06/05/1989			
A9 ENE 1/2 - 1 Mile Higher	Site ID:	01-0282	AQUIFLOW	55977
	Groundwater Flow:	NE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
Date:	03/27/1989			
A10 ENE 1/2 - 1 Mile Higher	Site ID:	01-3911	AQUIFLOW	55972
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10		
Date:	03/24/1992			
A11 ENE 1/2 - 1 Mile Higher	Site ID:	01-3911	AQUIFLOW	55973
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10		
Date:	11/08/1988			
B12 SE 1/2 - 1 Mile Lower	Site ID:	01-2143	AQUIFLOW	55984
	Groundwater Flow:	SW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	8		
Date:	06/20/1990			
B13 SE 1/2 - 1 Mile Lower	Site ID:	01-2143	AQUIFLOW	55985
	Groundwater Flow:	SW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10		
Date:	05/21/1990			
C14 NE 1/2 - 1 Mile Lower	Site ID:	01-5284	AQUIFLOW	55940
	Groundwater Flow:	N		
	Shallow Water Depth:	3.0		
	Deep Water Depth:	4.0		
	Average Water Depth:	Not Reported		
Date:	02/18/1992			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
C15 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-5284 SSW Not Reported Not Reported 12 02/18/1992	AQUIFLOW	55941
D16 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 S Not Reported Not Reported 15 03/05/1997	AQUIFLOW	55794
D17 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 5 09/26/1992	AQUIFLOW	55795
D18 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 8 01/17/1997	AQUIFLOW	55793
19 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0086 N Not Reported Not Reported 10 03/09/1990	AQUIFLOW	63819
C20 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 7.6 09/12/1997	AQUIFLOW	55981
C21 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 4 05/06/1998	AQUIFLOW	55982

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
C22 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 5 07/01/1998	AQUIFLOW	55983
23 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0969 SW Not Reported Not Reported Not Reported 05/06/1997	AQUIFLOW	63917
E24 NW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 Not Reported .6 7.5 Not Reported 04/1992	AQUIFLOW	55945
E25 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 10 11/1992	AQUIFLOW	55946
E26 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 9 11/24/1992	AQUIFLOW	55947
F27 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported Not Reported 08/03/1993	AQUIFLOW	55823
F28 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported 73 11/21/1988	AQUIFLOW	55821

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F29 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported 74 09/24/1992	AQUIFLOW	55822
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30 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2020 Varies 49.4 66.7 Not Reported 07/13/1994	AQUIFLOW	63928
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G31 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 5.5 6.0 Not Reported 07/24/1998	AQUIFLOW	55991
---	---	---	-----------------	--------------

G32 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 4.5 5.0 Not Reported 07/03/1998	AQUIFLOW	55992
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G33 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SSW Not Reported Not Reported 15 08/04/1994	AQUIFLOW	55993
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H34 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S 12 15 Not Reported 06/24/1996	AQUIFLOW	55953
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H35 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 15 04/27/1993	AQUIFLOW	55954
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
H36 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 12-15 04/27/1993	AQUIFLOW	55955
37 NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2104 SE Not Reported Not Reported 6.5 03/23/1994	AQUIFLOW	55910
38 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2218 SE 8.15 9.04 Not Reported 07/14/1995	AQUIFLOW	63941
1G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2104 SE Not Reported Not Reported 6.5 03/23/1994	AQUIFLOW	55910
2G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 5.5 6.0 Not Reported 07/24/1998	AQUIFLOW	55991
3G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 4.5 5.0 Not Reported 07/03/1998	AQUIFLOW	55992
4G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SSW Not Reported Not Reported 15 08/04/1994	AQUIFLOW	55993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
5G NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2218 SE 8.15 9.04 Not Reported 07/14/1995	AQUIFLOW	63941
6G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 10 11/1992	AQUIFLOW	55946
7G NNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 9 11/24/1992	AQUIFLOW	55947
8G NW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 Not Reported .6 7.5 Not Reported 04/1992	AQUIFLOW	55945
9G NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S 12 15 Not Reported 06/24/1996	AQUIFLOW	55953
10G NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 15 04/27/1993	AQUIFLOW	55954
11G NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 12-15 04/27/1993	AQUIFLOW	55955

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
12G NE 1/2 - 1 Mile Lower	Site ID:	01-0438	AQUIFLOW	55981
	Groundwater Flow:	NW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	7.6		
Date:	09/12/1997			
13G NE 1/2 - 1 Mile Lower	Site ID:	01-0438	AQUIFLOW	55982
	Groundwater Flow:	NW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	4		
Date:	05/06/1998			
14G NE 1/2 - 1 Mile Lower	Site ID:	01-0438	AQUIFLOW	55983
	Groundwater Flow:	NW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	5		
Date:	07/01/1998			
15G NE 1/2 - 1 Mile Lower	Site ID:	01-5284	AQUIFLOW	55940
	Groundwater Flow:	N		
	Shallow Water Depth:	3.0		
	Deep Water Depth:	4.0		
	Average Water Depth:	Not Reported		
Date:	02/18/1992			
16G NE 1/2 - 1 Mile Lower	Site ID:	01-5284	AQUIFLOW	55941
	Groundwater Flow:	SSW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	12		
Date:	02/18/1992			
17G NE 1/2 - 1 Mile Lower	Site ID:	01-2048	AQUIFLOW	55823
	Groundwater Flow:	W		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
Date:	08/03/1993			
18G NE 1/2 - 1 Mile Lower	Site ID:	01-2048	AQUIFLOW	55821
	Groundwater Flow:	W		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	73		
Date:	11/21/1988			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
19G NE 1/2 - 1 Mile Lower	Site ID:	01-2048	AQUIFLOW	55822
	Groundwater Flow:	W		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	74		
Date:	09/24/1992			
20G NNE 1/2 - 1 Mile Lower	Site ID:	01-0152	AQUIFLOW	55883
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	15		
Date:	04/22/1993			
21G NE 1/2 - 1 Mile Lower	Site ID:	01-0933	AQUIFLOW	55988
	Groundwater Flow:	SW		
	Shallow Water Depth:	6.5		
	Deep Water Depth:	7.5		
	Average Water Depth:	Not Reported		
Date:	04/08/1986			
22G ENE 1/2 - 1 Mile Lower	Site ID:	01-0282	AQUIFLOW	55976
	Groundwater Flow:	N, S		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	5		
Date:	06/05/1989			
23G ENE 1/2 - 1 Mile Lower	Site ID:	01-0282	AQUIFLOW	55977
	Groundwater Flow:	NE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
Date:	03/27/1989			
24G ENE 1/2 - 1 Mile Lower	Site ID:	01-3911	AQUIFLOW	55972
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10		
Date:	03/24/1992			
25G ENE 1/2 - 1 Mile Lower	Site ID:	01-3911	AQUIFLOW	55973
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	10		
Date:	11/08/1988			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
26G NE 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0506 NE, SE, S Not Reported Not Reported Not Reported 11/17/1994	AQUIFLOW	55880
27G West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2020 Varies 49.4 66.7 Not Reported 07/13/1994	AQUIFLOW	63928
28G WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0969 SW Not Reported Not Reported Not Reported 05/06/1997	AQUIFLOW	63917
29G NNE 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0487 N, E, S, W Not Reported Not Reported 12 12/31/1992	AQUIFLOW	55917
30G West 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1414 E Not Reported Not Reported 11.5 06/20/1988	AQUIFLOW	67911
31G SSE 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0933 SW Not Reported Not Reported 20 08/05/1992	AQUIFLOW	55989
32G ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 S Not Reported Not Reported 15 03/05/1997	AQUIFLOW	55794

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
33G ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 5 09/26/1992	AQUIFLOW	55795
34G ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 8 01/17/1997	AQUIFLOW	55793
35G ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0086 N Not Reported Not Reported 10 03/09/1990	AQUIFLOW	63819
36G SW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1716 E, W Not Reported Not Reported 6 10/29/1997	AQUIFLOW	55929
37G SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2143 SW Not Reported Not Reported 8 06/20/1990	AQUIFLOW	55984
38G SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2143 SW Not Reported Not Reported 10 05/21/1990	AQUIFLOW	55985

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94607	3	0

Federal EPA Radon Zone for ALAMEDA County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ALAMEDA COUNTY, CA

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^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.

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

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX E
AERIAL PHOTOGRAPHS

1650-1676 7th Street & 711-715 Campbell

715 Campbell

Oakland, CA 94607

Inquiry Number: 5512081.11

December 14, 2018

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

12/14/18

Site Name:

1650-1676 7th Street & 711-71
715 Campbell
Oakland, CA 94607
EDR Inquiry # 5512081.11

Client Name:

SCA Environmental
650 Delancey Street
San Francisco, CA 94107
Contact: Christina Codemo



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: August 27, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 08, 1982	USDA
1975	1"=500'	Flight Date: May 28, 1975	USGS
1968	1"=500'	Flight Date: April 20, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	EDR Proprietary Aerial Viewpoint
1958	1"=500'	Flight Date: July 22, 1958	USGS
1946	1"=500'	Flight Date: July 26, 1946	USGS
1939	1"=500'	Flight Date: August 03, 1939	USDA

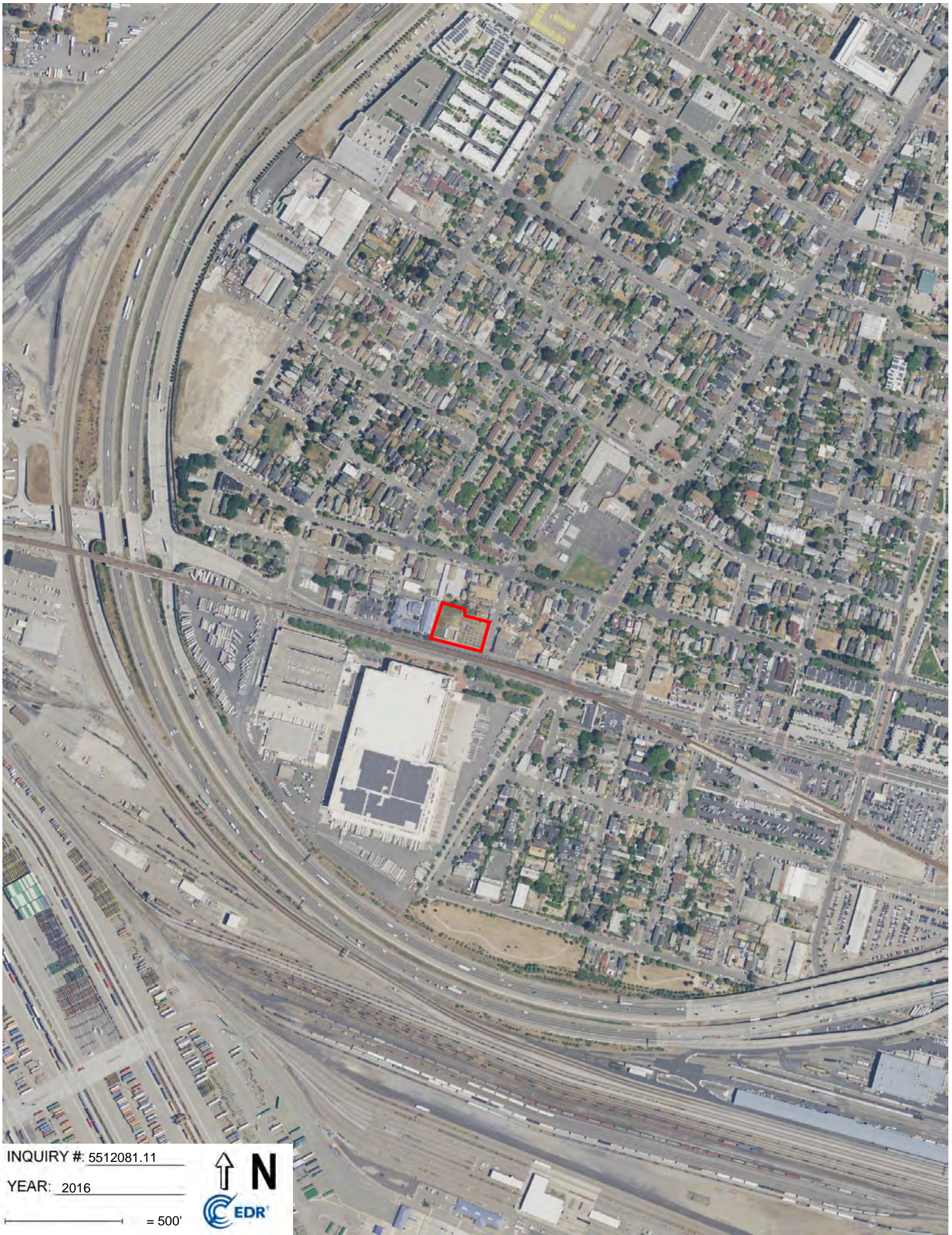
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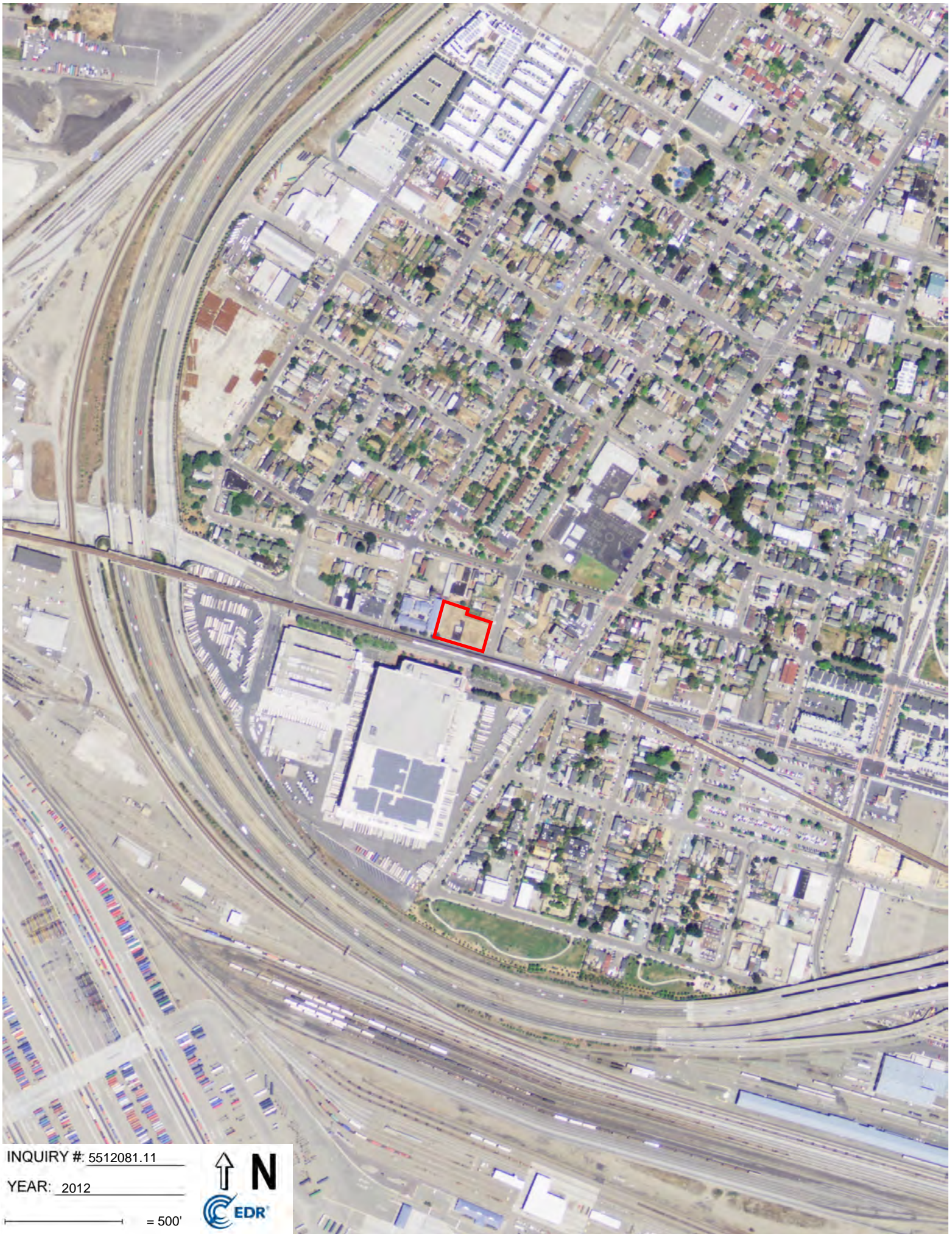


INQUIRY # 5512081.11

YEAR: 2016

— = 500'





INQUIRY # 5512081.11

YEAR: 2012

— = 500'



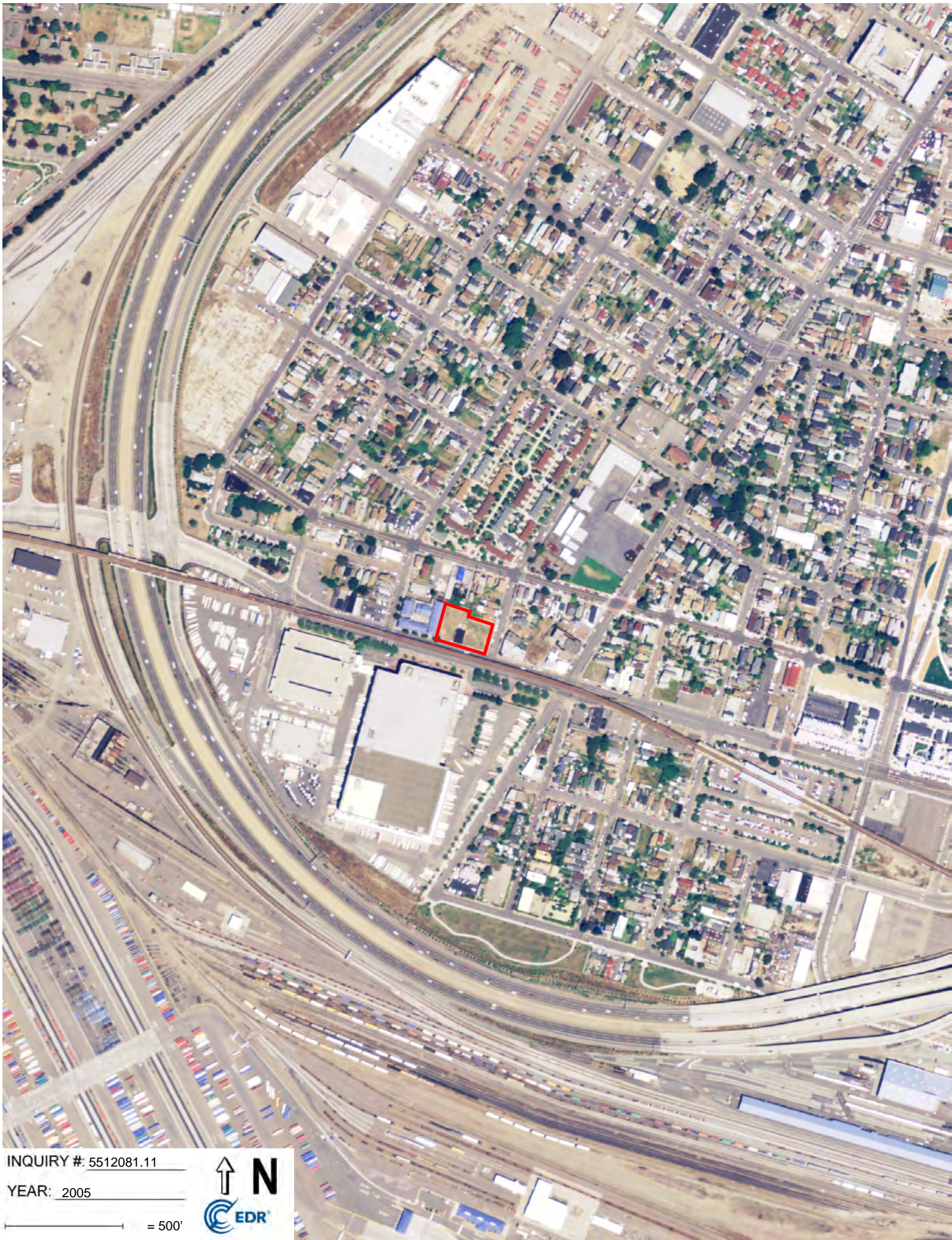


INQUIRY #: 5512081.11

YEAR: 2009

— = 500'





INQUIRY #: 5512081.11

YEAR: 2005

— = 500'





INQUIRY #: 5512081.11

YEAR: 1998

— = 500'





INQUIRY #: 5512081.11

YEAR: 1993

— = 500'





INQUIRY #: 5512081.11

YEAR: 1982

— = 500'





INQUIRY #: 5512081.11

YEAR: 1975

— = 500'





INQUIRY # 5512081.11

YEAR: 1968

— = 500'





INQUIRY #: 5512081.11

YEAR: 1963

— = 500'





INQUIRY # 5512081.11

YEAR: 1958

500'





INQUIRY # 5512081.11

YEAR: 1946

— = 500'





INQUIRY # 5512081.11

YEAR: 1939

— = 500'



APPENDIX F
TOPOGRAPHIC MAPS

1650-1676 7th Street & 711-715 Campbell

715 Campbell

Oakland, CA 94607

Inquiry Number: 5512081.4

December 14, 2018

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

12/14/18

Site Name:

1650-1676 7th Street & 711-71
715 Campbell
Oakland, CA 94607
EDR Inquiry # 5512081.4

Client Name:

SCA Environmental
650 Delancey Street
San Francisco, CA 94107
Contact: Christina Codemo



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

Search Results:**Coordinates:**

P.O.#	F12881	Latitude:	37.806809 37° 48' 25" North
Project:	F12881	Longitude:	-122.299463 -122° 17' 58" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	561666.66
		UTM Y Meters:	4184611.53
		Elevation:	15.00' above sea level

Maps Provided:

2012	1915
1996	1899
1980	1895
1973	
1968	
1959	
1949	
1948	

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Topo Sheet Key

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

2012 Source Sheets



Oakland West
2012
7.5-minute, 24000

1996 Source Sheets



Oakland West
1996
7.5-minute, 24000
Aerial Photo Revised 1993

1980 Source Sheets



Oakland West
1980
7.5-minute, 24000
Aerial Photo Revised 1979

1973 Source Sheets



Oakland West
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

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

1968 Source Sheets



Oakland West
1968
7.5-minute, 24000
Aerial Photo Revised 1947

1959 Source Sheets



Oakland West
1959
7.5-minute, 24000
Aerial Photo Revised 1958

1949 Source Sheets



Oakland West
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1948 Source Sheets



SAN FRANCISCO
1948
15-minute, 50000

Topo Sheet Key

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

1915 Source Sheets



San Francisco
1915
15-minute, 62500

1899 Source Sheets

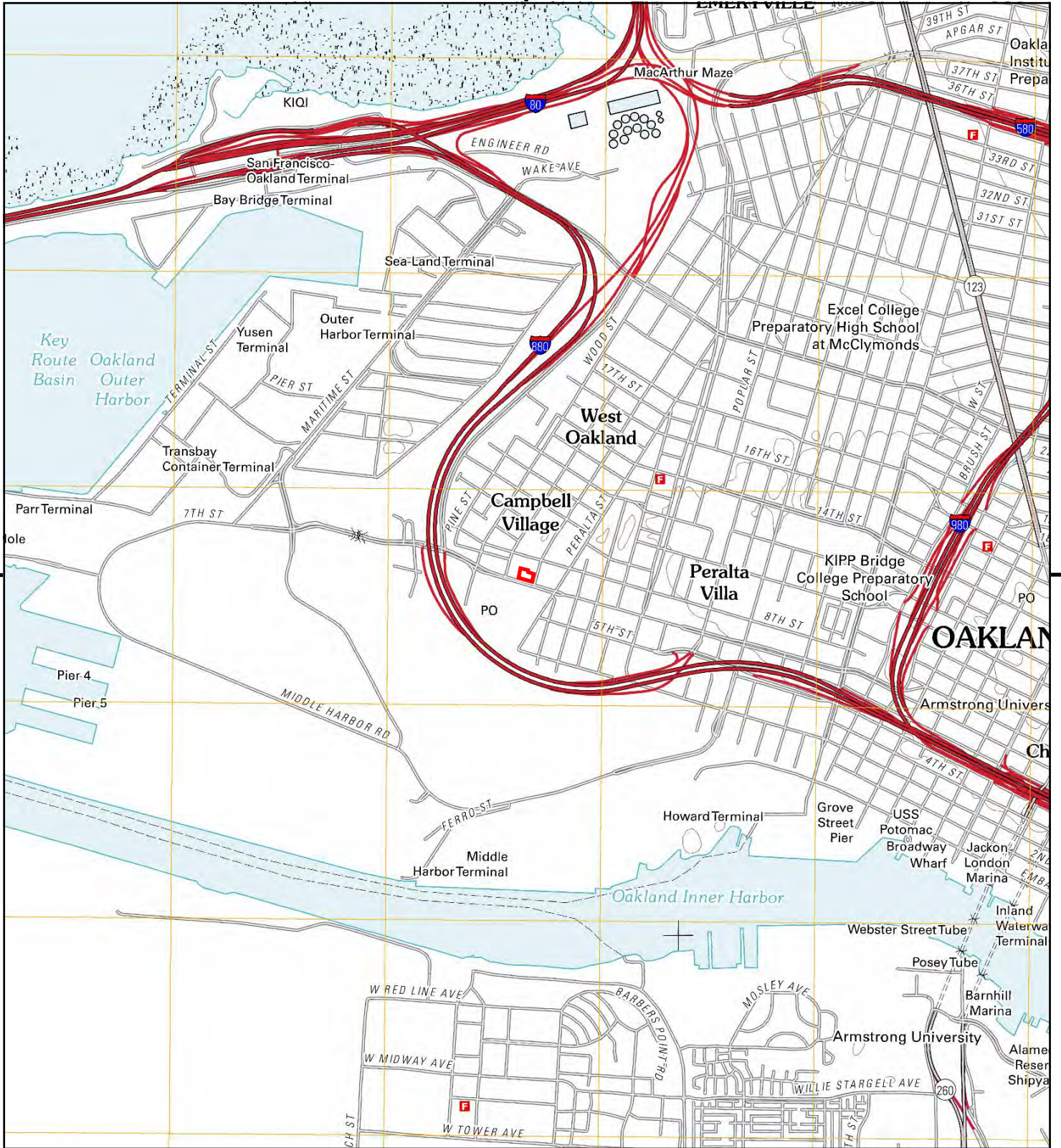


San Francisco
1899
15-minute, 62500

1895 Source Sheets



San Francisco
1895
15-minute, 62500



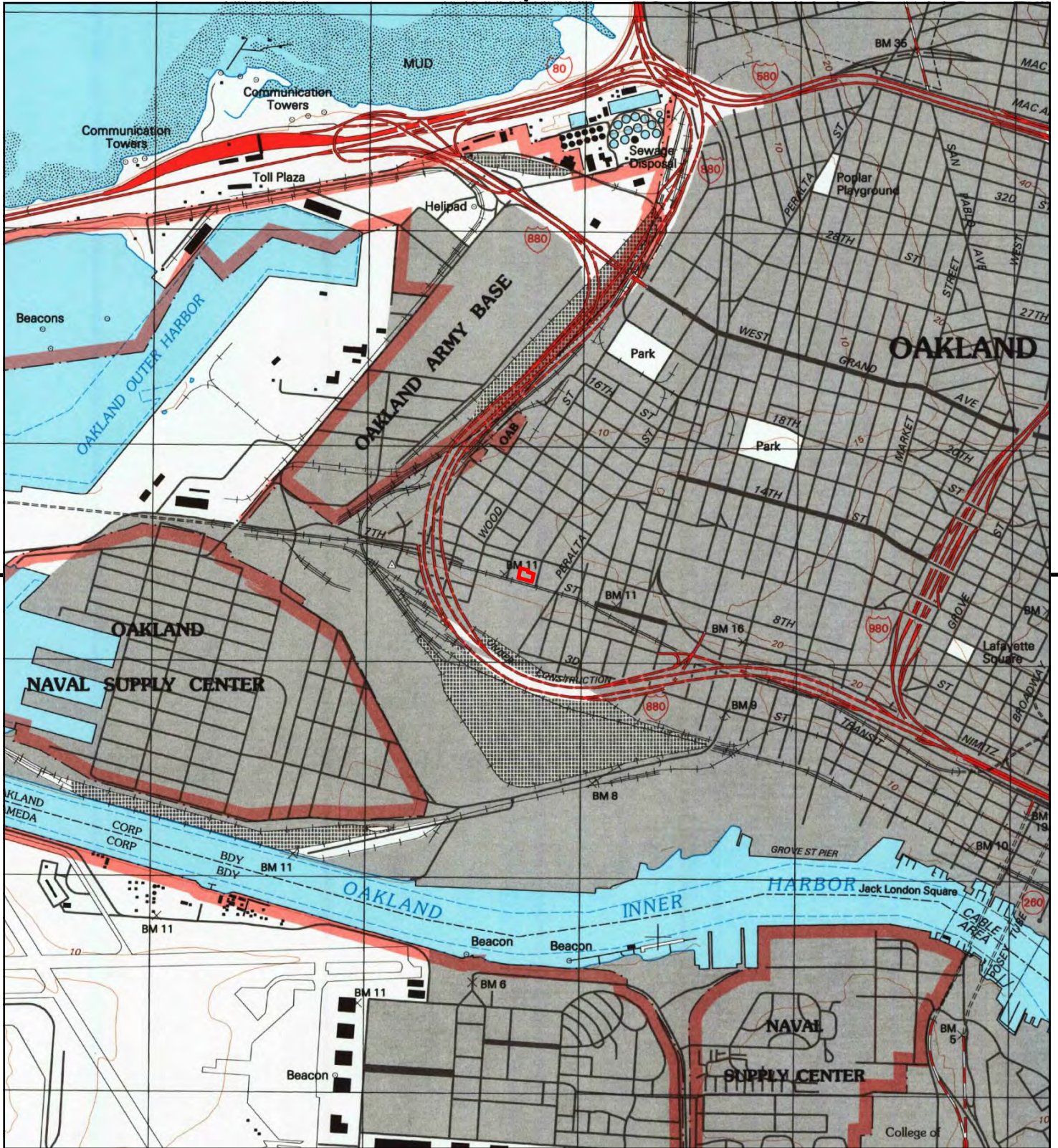
This report includes information from the following map sheet(s).



TP, Oakland West, 2012, 7.5-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbe
ADDRESS: 715 Campbell
 Oakland, CA 94607
CLIENT: SCA Environmental





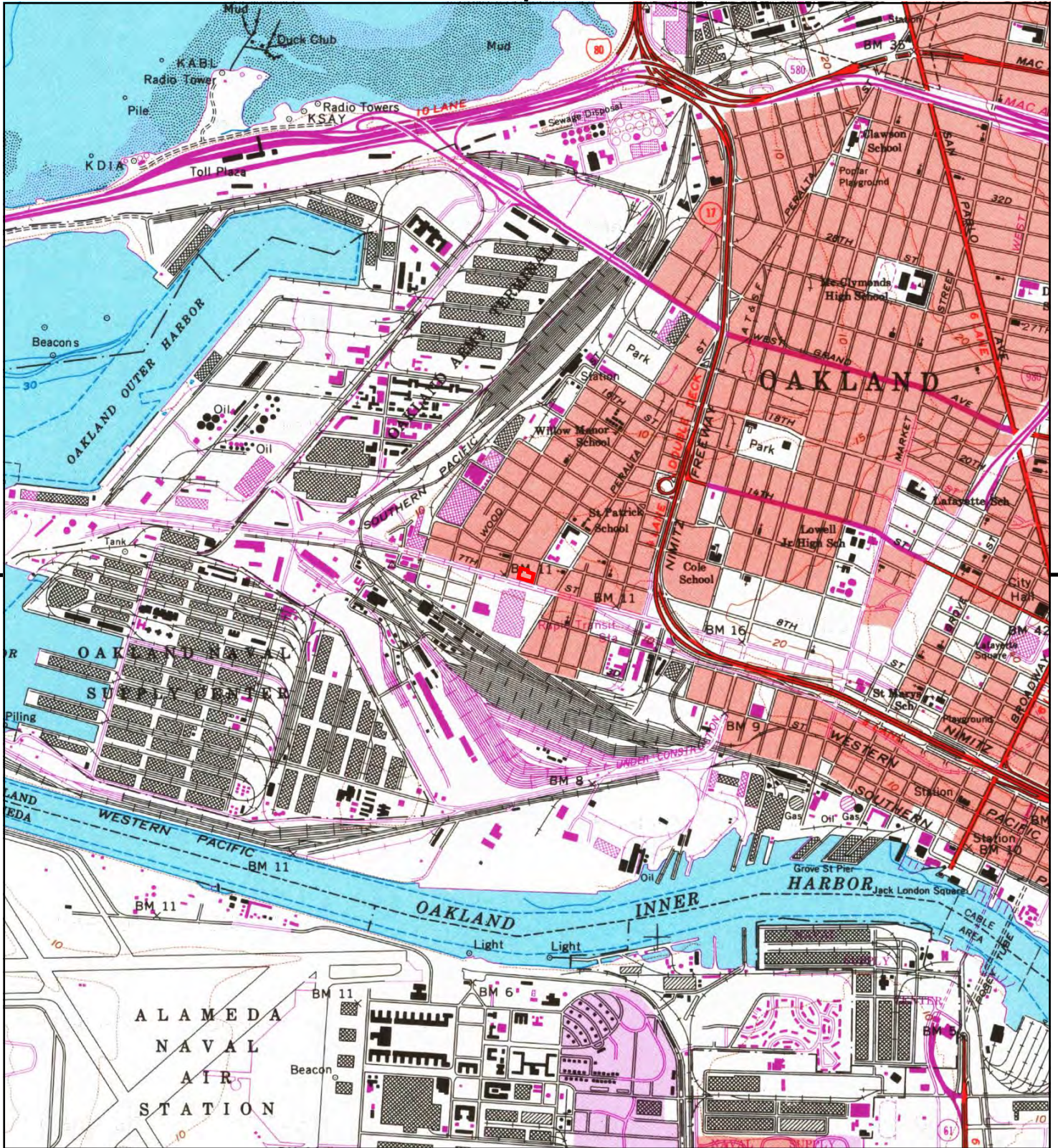
This report includes information from the following map sheet(s).



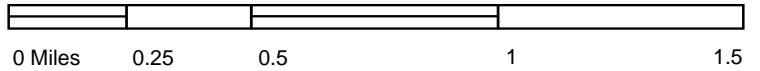
TP, Oakland West, 1996, 7.5-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental





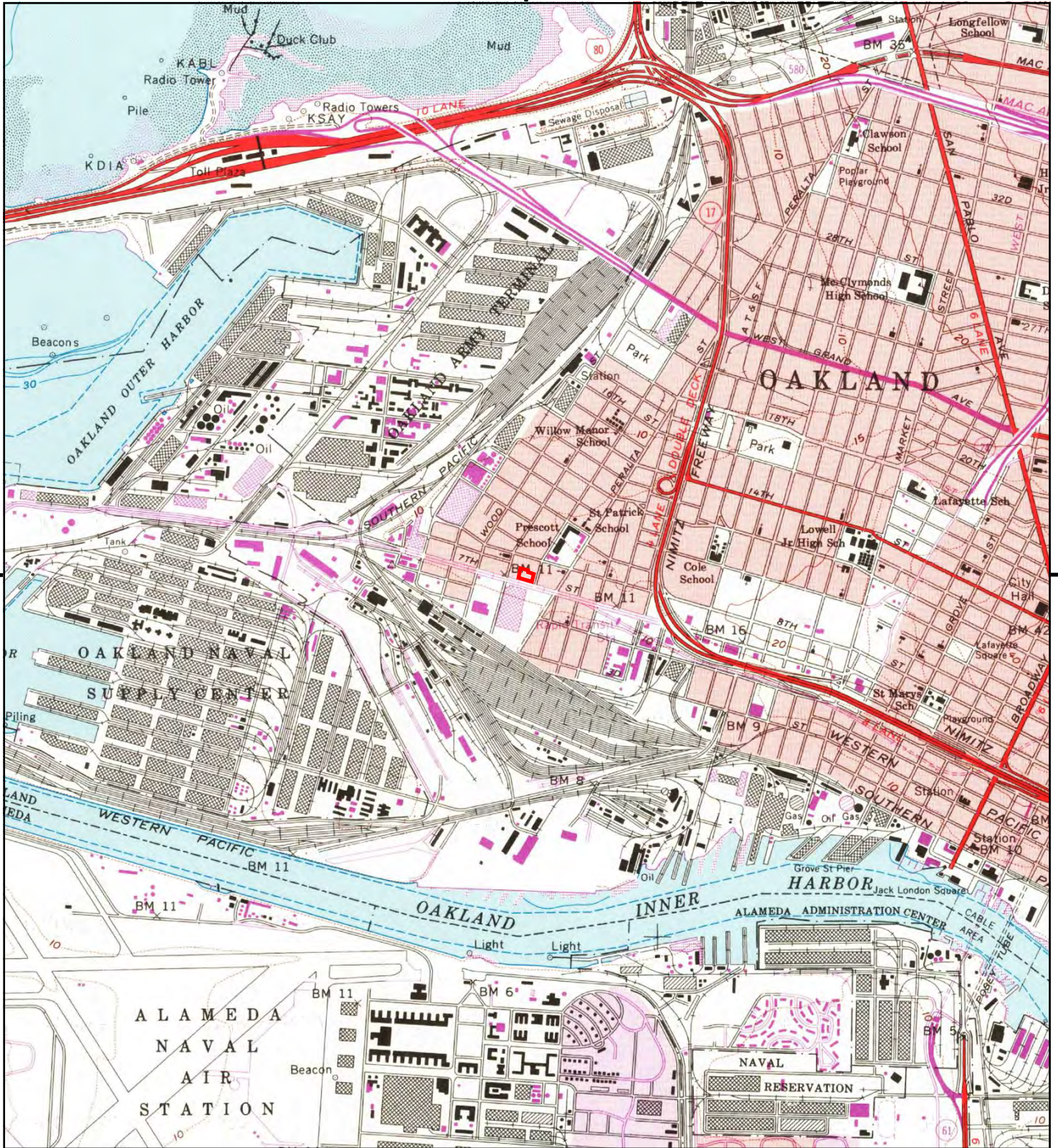
This report includes information from the following map sheet(s).



TP, Oakland West, 1980, 7.5-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbe
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental





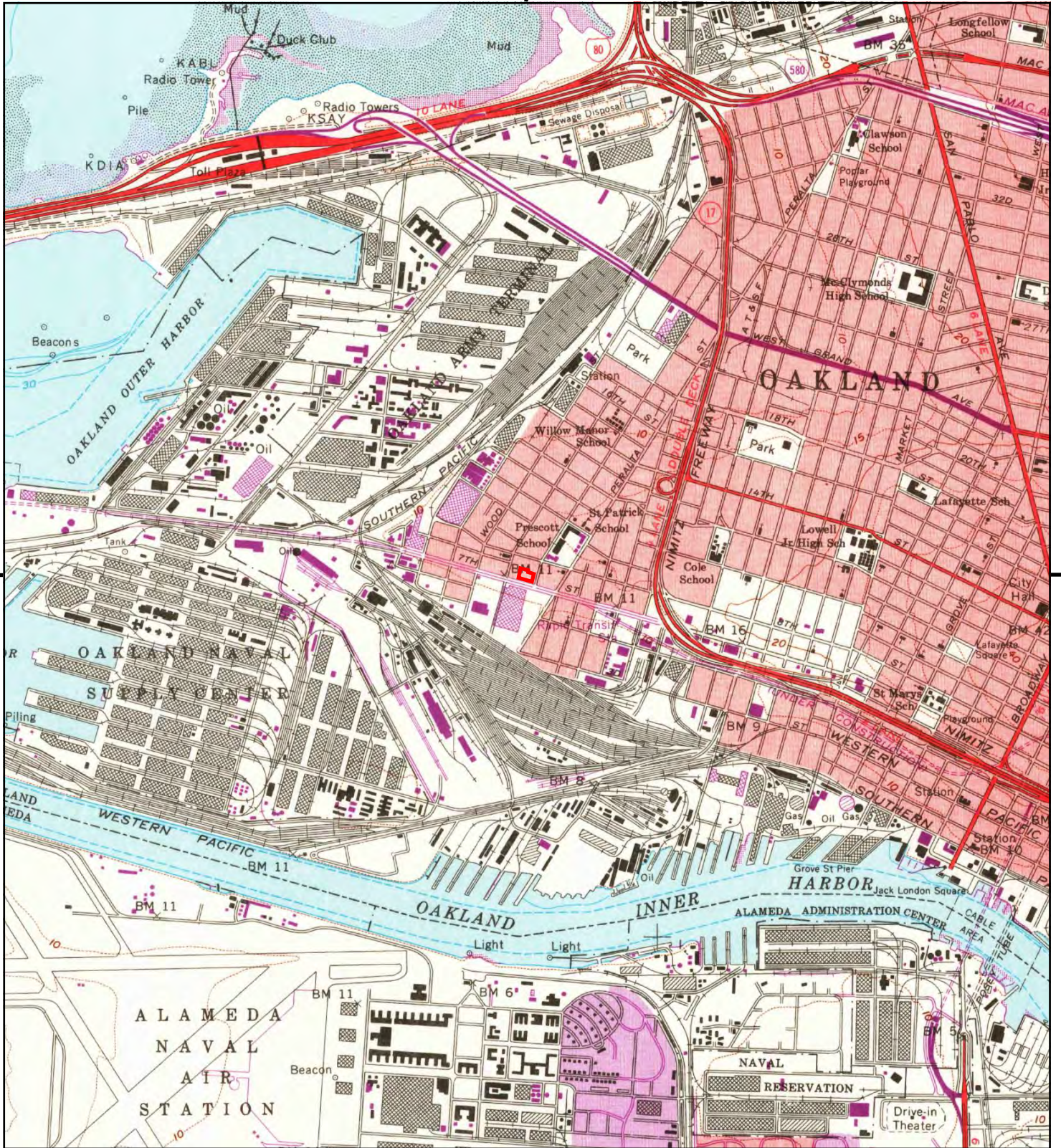
This report includes information from the following map sheet(s).



TP, Oakland West, 1973, 7.5-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental





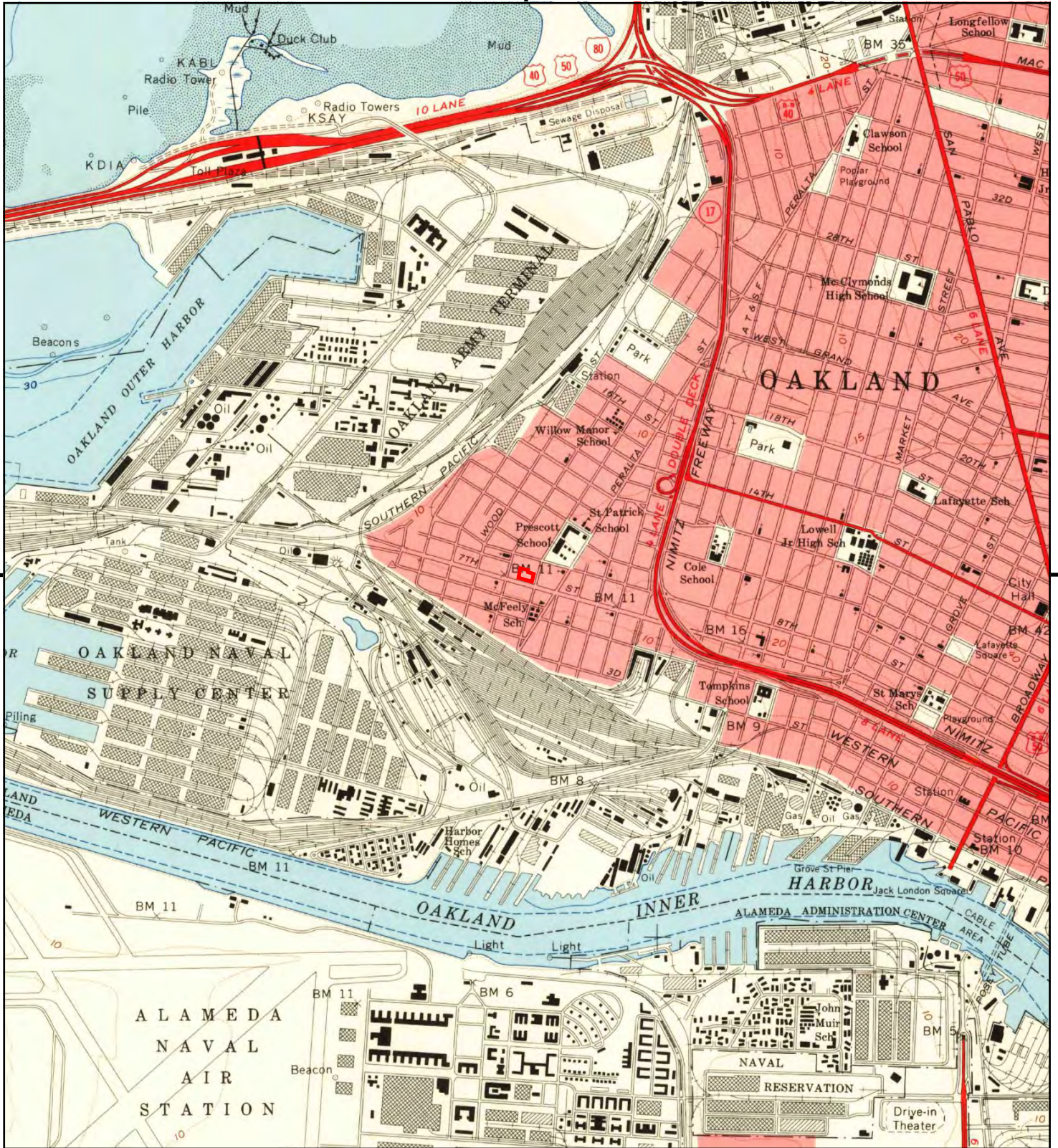
This report includes information from the following map sheet(s).



TP, Oakland West, 1968, 7.5-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental





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



TP, Oakland West, 1959, 7.5-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental





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



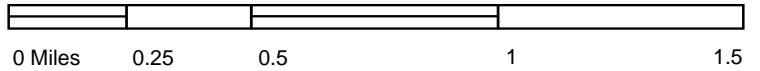
TP, Oakland West, 1949, 7.5-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbe
ADDRESS: 715 Campbell
 Oakland, CA 94607
CLIENT: SCA Environmental





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



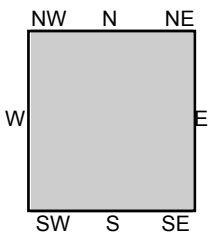
TP, SAN FRANCISCO, 1948, 15-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
ADDRESS: 715 Campbell
Oakland, CA 94607
CLIENT: SCA Environmental





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



TP, San Francisco, 1915, 15-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental





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



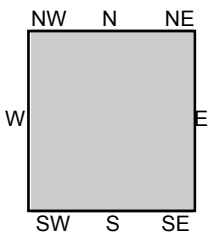
TP, San Francisco, 1899, 15-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental





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



TP, San Francisco, 1895, 15-minute

SITE NAME: 1650-1676 7th Street & 711-715 Campbell
 ADDRESS: 715 Campbell
 Oakland, CA 94607
 CLIENT: SCA Environmental



APPENDIX G
CITY DIRECTORY

1650-1676 7th Street & 711-715 Campbell

715 Campbell
Oakland, CA 94607

Inquiry Number: 5512081.5
December 14, 2018

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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Please contact EDR at 1-800-352-0050
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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2002	Haines & Company	-	X	X	-
	R. L. Polk & Co.	-	X	X	-
2000	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1996	PACIFIC BELL DIRECTORY	-	X	X	-
	PACIFIC BELL DIRECTORY	X	X	X	-
1993	Pacific Bell	-	-	-	-
1992	PACIFIC BELL DIRECTORY	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1992	PACIFIC BELL DIRECTORY	X	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
1986	Pacific Bell	-	X	X	-
	PACIFIC BELL WHITE PAGES	-	X	X	-
1984	Pacific Bell	-	-	-	-
1982	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
1979	Pacific Telephone	-	X	X	-
1976	R. L. Polk & Co.	-	X	X	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1973	Pacific Telephone	-	X	X	-
1970	Pacific Telephone and Telegraph Co	-	X	X	-
	Pacific Telephone and Telegraph Co	X	X	X	-
	Pacific Telephone Directory	-	X	X	-
	Pacific Telephone Directory	X	X	X	-
1967	R. L. Polk Co.	X	X	X	-
1965	R. L. Polk & Co.	-	X	X	-
1962	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1960	Pacific Telephone	-	X	X	-
1959	R. L. Polk & Co.	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	X	X	X	-
	The Pacific Telephone & Telegraph Co.	X	X	X	-
1954	R. L. Polk & Co. of California	-	-	-	-
1951	R. L. Polk & Co.	-	X	X	-
1950	The Pacific Telephone & Telegraph Co.	X	X	X	-
1946	R. L. Polk & Co.	-	X	X	-
1945	The Pacific Telephone & Telegraph Co.	X	X	X	-
1943	R. L. Polk & Co.	X	X	X	-
1940	R. L. Polk & Co.	-	X	X	-
1938	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1933	R. L. Polk & Co.	X	X	X	-
1932	R. L. Polk & Co. of California	-	X	X	-
1928	R.L. Polk and Co of California	X	X	X	-
1926	R. L. Polk & Co.	-	X	X	-
1925	R. L. Polk & Co. of California	-	X	X	-
	R. L. Polk & Co. of California	X	X	X	-
1920	R. L. Polk & Co. of California	-	X	X	-
	R. L. Polk & Co. of California	X	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
1676 7th Street	Client Entered	X
1670 7th Street	Client Entered	X
1672 7th Street	Client Entered	X
1674 7th Street	Client Entered	X
711 Campbell Street	Client Entered	X
713 Campbell Street	Client Entered	
1666 7th Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

715 Campbell
Oakland, CA 94607

FINDINGS DETAIL

Target Property research detail.

7TH ST

1666 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WESTRNSERV	Haines Company, Inc.
	WORKERS ASCTN	Haines Company, Inc.
2000	WESTERN SERVICE WORKERS ASSOCIATION	Pacific Bell
1996	WESTERN SERVICE WORKERS ASSOCIATION	PACIFIC BELL DIRECTORY
1992	CALIFORNIA HOMEMAKERS ASSN	PACIFIC BELL DIRECTORY
1970	THOMAS CHAS THOMAS CLOTHIERS	Pacific Telephone Directory
	THOMAS CLOTHIERS	Pacific Telephone Directory
1967	REAR THOMAS CHARLES	R. L. Polk Co.
	THOMAS CLOTHIERS	R. L. Polk Co.
1962	West Oakland Dept Store	Pacific Telephone
1955	WEST OAKLAND DEPT STORE	The Pacific Telephone & Telegraph Co.
1945	FAKOURY MIKE R	The Pacific Telephone & Telegraph Co.
1943	Fakoury Michl W Lillian dry gds	R. L. Polk & Co.
1933	FAKOURY MICHL (LILLIAN) LADIES FURNGS	R. L. Polk & Co.
1928	Campbell Michi W Lillian womens wea R	R.L. Polk and Co of California

1672 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	DENT FRED	R. L. Polk Co.
	GREEN JESSIE M MRS	R. L. Polk Co.
1955	PINKNEY THOS L	The Pacific Telephone & Telegraph Co.
1943	Gillum Fred r	R. L. Polk & Co.
	Lekos Michl Harriett gro h	R. L. Polk & Co.
	Melloti Cicero lab r	R. L. Polk & Co.
	Melloti Elmo lab r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	LEKOS MICHL (SOPHIA) (LEKOS BROS) H	R. L. Polk & Co.
	LEKOS NICH K (MARY) (LEKIS BROS) H	R. L. Polk & Co.
1928	Lekos Michl K Anna Lekos Bros H	R.L. Polk and Co of California
	Lekos Nich G Mary Lekos Bros H	R.L. Polk and Co of California

1674 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SOSNOSKY BEN	PACIFIC BELL DIRECTORY
1967	VACANT	R. L. Polk Co.
1955	SAV-A-LOT MARKET	The Pacific Telephone & Telegraph Co.
1945	LEKOS BROS MARKET	The Pacific Telephone & Telegraph Co.
1943	Lekos Michl Harriett gro	R. L. Polk & Co.
1938	LEKOS BROS MARKET	Pacific Telephone
1933	LEKOS BROS (MICHL AND N K) GRO	R. L. Polk & Co.
1928	Lekos Bros M K and N G meats R	R.L. Polk and Co of California
1925	LEKOS BROS MARKET	R. L. Polk & Co. of California

1676 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	CHASE S BARBER SHOP	Pacific Telephone
1970	CHASE S BARBER SHOP	Pacific Telephone Directory
1967	CHASES BARBER SHOP	R. L. Polk Co.
1962	Chases Barber Shop	Pacific Telephone
1943	Pankey Marion B Mrs variety store	R. L. Polk & Co.
1933	JORDAN SPENCER SHOE SHINER	R. L. Polk & Co.
1928	Bullard Augusta L Mrs staty	R.L. Polk and Co of California
	Pankey John E Marion B music dir	R.L. Polk and Co of California
1925	LYLES H G SHOE SHINER	R. L. Polk & Co. of California
1920	LEKOS BROS GROCERS	R. L. Polk & Co. of California

1676A 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PRECISELY LIQUORS	The Pacific Telephone & Telegraph Co.
1938	PANKEY S RECORD & VARIETY SHOP	Pacific Telephone
1933	PANKEY J ELMER (MARION) VARIETIES	R. L. Polk & Co.
1925	PANKEY S MUSIC SHOPPE	R. L. Polk & Co. of California

FINDINGS

7th Street

1666 7th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WESTRNSERV	Haines Company, Inc.
	WORKERS ASCTN	Haines Company, Inc.
2000	WESTERN SERVICE WORKERS ASSOCIATION	Pacific Bell
1996	WESTERN SERVICE WORKERS ASSOCIATION	PACIFIC BELL DIRECTORY
1992	CALIFORNIA HOMEMAKERS ASSN	PACIFIC BELL DIRECTORY
1970	THOMAS CHAS THOMAS CLOTHIERS	Pacific Telephone Directory
	THOMAS CLOTHIERS	Pacific Telephone Directory
1967	REAR THOMAS CHARLES	R. L. Polk Co.
	THOMAS CLOTHIERS	R. L. Polk Co.
1962	West Oakland Dept Store	Pacific Telephone
1955	WEST OAKLAND DEPT STORE	The Pacific Telephone & Telegraph Co.
1945	FAKOURY MIKE R	The Pacific Telephone & Telegraph Co.
1943	Fakoury Michl W Lillian dry gds	R. L. Polk & Co.
1933	FAKOURY MICHL (LILLIAN) LADIES FURNGS	R. L. Polk & Co.
1928	Campbell Michi W Lillian womens wea R	R.L. Polk and Co of California

1670 7th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	TUCKER CLIFTON	The Pacific Telephone & Telegraph Co.
1933	GONZALEZ PASQUAL PNTR R	R. L. Polk & Co.
	RIVERA ASUNCION (FELISITAS) LAB H	R. L. Polk & Co.
	RIVERA CARLOR CLK R	R. L. Polk & Co.
1928	7th Thos Alex Patsiaris & Co R	R.L. Polk and Co of California
	Ribera Asuncion lab R	R.L. Polk and Co of California

1672 7th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	DENT FRED	R. L. Polk Co.
	GREEN JESSIE M MRS	R. L. Polk Co.
1955	PINKNEY THOS L	The Pacific Telephone & Telegraph Co.
1943	Gillum Fred r	R. L. Polk & Co.
	Lekos Michl Harriett gro h	R. L. Polk & Co.
	Melloti Cicero lab r	R. L. Polk & Co.
	Melloti Elmo lab r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	LEKOS MICHL (SOPHIA) (LEKOS BROS) H	R. L. Polk & Co.
	LEKOS NICH K (MARY) (LEKIS BROS) H	R. L. Polk & Co.
1928	Lekos Michl K Anna Lekos Bros H	R.L. Polk and Co of California
	Lekos Nich G Mary Lekos Bros H	R.L. Polk and Co of California

1674 7th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SOSNOSKY BEN	PACIFIC BELL DIRECTORY
1967	VACANT	R. L. Polk Co.
1955	SAV-A-LOT MARKET	The Pacific Telephone & Telegraph Co.
1945	LEKOS BROS MARKET	The Pacific Telephone & Telegraph Co.
1943	Lekos Michl Harriett gro	R. L. Polk & Co.
1938	LEKOS BROS MARKET	Pacific Telephone
1933	LEKOS BROS (MICHL AND N K) GRO	R. L. Polk & Co.
1928	Lekos Bros M K and N G meats R	R.L. Polk and Co of California
1925	LEKOS BROS MARKET	R. L. Polk & Co. of California

1676 7th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	CHASE S BARBER SHOP	Pacific Telephone
1970	CHASE S BARBER SHOP	Pacific Telephone Directory
1967	CHASES BARBER SHOP	R. L. Polk Co.
1962	Chases Barber Shop	Pacific Telephone
1943	Pankey Marion B Mrs variety store	R. L. Polk & Co.
1933	JORDAN SPENCER SHOE SHINER	R. L. Polk & Co.
1928	Bullard Augusta L Mrs staty	R.L. Polk and Co of California
	Pankey John E Marion B music dir	R.L. Polk and Co of California
1925	LYLES H G SHOE SHINER	R. L. Polk & Co. of California
1920	LEKOS BROS GROCERS	R. L. Polk & Co. of California

CAMPBELL ST

711 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Dawson Minnie wid Allison h	R. L. Polk & Co.
	Harris Georgia wid Harold maid r	R. L. Polk & Co.
1938	DAWSON BERNICE R	Pacific Telephone
1933	BURNS THOS COOK R	R. L. Polk & Co.
	DAWSON MINNIE (WID HARTFORD) H	R. L. Polk & Co.
1928	B W S R	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Carmel Mathew H	R.L. Polk and Co of California

715 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.
1955	BOWMAN ALINE R	The Pacific Telephone & Telegraph Co.
	WILLIAMS LILLIE W R	The Pacific Telephone & Telegraph Co.
1950	BOWINAN ALINE R	The Pacific Telephone & Telegraph Co.
1945	BOWMAN ALINE R	The Pacific Telephone & Telegraph Co.
	WILLIAMS LILLIE W R	The Pacific Telephone & Telegraph Co.
1943	Bowman Aline r	R. L. Polk & Co.
	HUGHES Joyce Mrs h	R. L. Polk & Co.
	Williams Lillie Mrs r	R. L. Polk & Co.
1933	KIRKLEY FLORENCE MRS H	R. L. Polk & Co.
	NEWSOM RUTH MRS H	R. L. Polk & Co.
1928	Valux Walt 711 ulby auto wkr H	R.L. Polk and Co of California
	Vaulx Walter Ruby auto washer H	R.L. Polk and Co of California

Campbell Street

711 Campbell Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Dawson Minnie wid Allison h	R. L. Polk & Co.
	Harris Georgia wid Harold maid r	R. L. Polk & Co.
1938	DAWSON BERNICE R	Pacific Telephone
1933	BURNS THOS COOK R	R. L. Polk & Co.
	DAWSON MINNIE (WID HARTFORD) H	R. L. Polk & Co.
1928	B W S R	R.L. Polk and Co of California
	Carmel Mathew H	R.L. Polk and Co of California

713 Campbell Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
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FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

5 HAYWARD ST

1625 5 HAYWARD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	JOHN HANCOCK MUTUAL LIFE INS CO GENERAL AGENT	Pacific Telephone

5TH ST

1606 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	GAINES OTHELLA	PACIFIC BELL DIRECTORY
1991	Gaines Patricia A atty Brk	PACIFIC BELL WHITE PAGES
	Gaines Othella	PACIFIC BELL WHITE PAGES
1986	Gaines Patricia A atty	PACIFIC BELL WHITE PAGES
	Gaines Othella	PACIFIC BELL WHITE PAGES
1980	Gaines Othella	Pacific Telephone
1975	JUNG HARRY	Pacific Telephone
1970	JUNG HARRY	Pacific Telephone Directory
1967	BEST FOODS MARKET GRO	R. L. Polk Co.
	JUNG HARRY	R. L. Polk Co.
1962	Wong K Yick	Pacific Telephone
	Best Foods Market	Pacific Telephone
1955	WONG K YICK R	The Pacific Telephone & Telegraph Co.
1945	LUCAS MARIE C R	The Pacific Telephone & Telegraph Co.
1943	Lucas Marie C wid J F smstrs h	R. L. Polk & Co.
	Lucas Antonio F rndywkr r	R. L. Polk & Co.
1938	LUCAS J F R	Pacific Telephone
1925	JARRETT MRS W A R	R. L. Polk & Co. of California

1608 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	VERAZA EDW BERKELEY	The Pacific Telephone & Telegraph Co.
1945	WARNES LAURES R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	WARNES LAURES R	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	WARNERS LAURES PRINTER H BERKELEY	R. L. Polk & Co.
1928	WARNES Roy C R Warnes Laures Georgie prsmn H Trefz Pauline stdt R Andover Herman Josephine roofer H	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California
1925	WARNES LAURES R	R. L. Polk & Co. of California

1610 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Hull G	Pacific Telephone
1967	JOHNSON EARNESTINE	R. L. Polk Co.
1955	EASON EARL A R	The Pacific Telephone & Telegraph Co.
1943	Turner Lessa M Mrs h Shamburg Della r	R. L. Polk & Co. R. L. Polk & Co.
1938	HUTTON JOSEPHINE B R	Pacific Telephone
1933	HUTTON JOSEPHINE MRS H BERKELEY	R. L. Polk & Co.
1928	Roberta Romain Tillie pntr H	R.L. Polk and Co of California
1925	MCNEIL MRS EMMA R	R. L. Polk & Co. of California

1612 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	SMITH ALICE M	R. L. Polk Co.
1955	JAMES ALBERT R	The Pacific Telephone & Telegraph Co.
1945	BULLOCK LENORA A MRS R	The Pacific Telephone & Telegraph Co.
1943	Munoz Elsie A h Munoz Ruth wid Philip smstrs h MARTINEZ Jesse fndywkr r Acosta Tony Lupe lab r	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1933	AVILA POMPOSO (AURORA) LAB H	R. L. Polk & Co.
1928	H Pearl H 54th Jeannette R	R.L. Polk and Co of California R.L. Polk and Co of California

1614 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.

1618 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WILLIAMS JOSEPHINE J R BERKELEY	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	CALVERT DOYLE J R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	CALVERT DOYLE J R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	OSBORN CHAS H LAB R BERKELEY	R. L. Polk & Co.
	JOHNSON WM B (ESTHER) CARP H BERKELEY	R. L. Polk & Co.
	JOHNSON WALTER LAB R BERKELEY	R. L. Polk & Co.
	JOHNSON ELMER R BERKELEY	R. L. Polk & Co.
1928	dr Irving H Emily H	R.L. Polk and Co of California

1624 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LEATHERMAN DRUE H BERKELEY	The Pacific Telephone & Telegraph Co.
1945	MCNAMEE HUGH P R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	DE LARIBA GABRIEL (ANGELA) LAB H BERKELEY	R. L. Polk & Co.
	DE LARIBA FRANK R BERKELEY	R. L. Polk & Co.

1625 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	SIMON HARRY ALAMEDA	Pacific Telephone Directory
1955	SIMON HARRY MRS R ALAMEDA	The Pacific Telephone & Telegraph Co.
	JOHNSON ERNEST BERKELEY	The Pacific Telephone & Telegraph Co.
1945	SIMON HARRY MRS R ALAMEDA	The Pacific Telephone & Telegraph Co.
1933	SIMON HARRY (LENA) AUTO MECH H ALAMEDA	R. L. Polk & Co.
1925	ST CLAIRE M QUAY R	R. L. Polk & Co. of California

1626 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	HASLAM SARAH R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	DAVIS SUSAN C (WID C W) H BERKELEY	R. L. Polk & Co.
1928	C Chas W Susan 0 olk H	R.L. Polk and Co of California

1631 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	REDD JOHN BERKELEY	Pacific Telephone Directory
1955	WATSON THORNWELL BERKELEY	The Pacific Telephone & Telegraph Co.
	MCFEELY SCHOOL	The Pacific Telephone & Telegraph Co.
1945	MCKENNEY VERNON R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	MCKENNEY VERNON R	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	GILLIAM WM H BERKELEY	R. L. Polk & Co.
1928	Pippin John Mary lab H	R.L. Polk and Co of California

1633 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	H vedere Jos H real eat	R.L. Polk and Co of California R.L. Polk and Co of California

1634 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PRETTI E D BERKELEY STEWART THOS J BERKELEY	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1933	CAMBRA MARY MRS H	R. L. Polk & Co.
1928	av Mary Mrs H Barrales Thos lab R	R.L. Polk and Co of California R.L. Polk and Co of California
1925	CAMBRA JOHN R ANDERSON H A R	R. L. Polk & Co. of California R. L. Polk & Co. of California
1920	LARSEN J R	R. L. Polk & Co. of California

1635 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	STEWART Betty r	R. L. Polk & Co.
1928	Rothamel Gustav A Ella meat ctr H	R.L. Polk and Co of California

1638 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PERKINS HENRY	The Pacific Telephone & Telegraph Co.
1943	Garedikes Antonio Eva shipydwkr h	R. L. Polk & Co.
1938	PRICE LOYD L R	Pacific Telephone
1933	PINNOW LUDWIG LAB R BERKELEY MONTES MOSES R MESKA OTTO (MARTHA) CHAUF H BERKELEY TORRES FORTUNATO (GUADALUPE) H	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1928	Producers Fredk lab R View Ernest car clnr R Humboldt Geo cook R	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California

FINDINGS

1639 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Emanuel David Eva shipydwkr h	R. L. Polk & Co.
	Jordan Christobel H guard r	R. L. Polk & Co.
	Hall Dana shipydwkr r	R. L. Polk & Co.
	Machabie Mitchell J shipydwkr r	R. L. Polk & Co.
	Mc Dowell Jas L Myrtle L USA h	R. L. Polk & Co.
1933	BLACKBURN JOHN H	R. L. Polk & Co.

1640 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BELTON CELESTE	The Pacific Telephone & Telegraph Co.
	JACKSON ISIADORE	The Pacific Telephone & Telegraph Co.
1943	Turnos Steven J Angeline shipydwkr h	R. L. Polk & Co.
1938	TSURNOS STEVE J R	Pacific Telephone
1933	TSURNOS STEVE (ANGELINA) H	R. L. Polk & Co.
1920	TURNER A E R	R. L. Polk & Co. of California

1641 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	SIMMS BENNIE A R	The Pacific Telephone & Telegraph Co.
1943	Decker Marion A Viola lab h	R. L. Polk & Co.
	MURPHY Leroy lab r	R. L. Polk & Co.
	Simpson Robt M shipydwkr r	R. L. Polk & Co.
	Stevens Ellis shipydwkr r	R. L. Polk & Co.
	Davis Lenious shipydwkr r	R. L. Polk & Co.
	Caldwell Chas shipydwkr r	R. L. Polk & Co.
1933	ENGLISH PETER (AUGUSTA) BOLTERUP GE & DDCO H	R. L. Polk & Co.
1928	labmmon 1loklet fillan lab H	R.L. Polk and Co of California
	Francisco John lab R	R.L. Polk and Co of California

1642 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DRUMMER IKE R	The Pacific Telephone & Telegraph Co.
1943	Venable Lenora Mrs h	R. L. Polk & Co.
1933	SPELLMAN SARAH A MRS H	R. L. Polk & Co.
	CALL HENRY L R	R. L. Polk & Co.

FINDINGS

1644 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	JOHNSON DAN H R	The Pacific Telephone & Telegraph Co.
1943	JOHNSON Danl H waiter h	R. L. Polk & Co.
1928	ff Alex E Mabel C furn H	R.L. Polk and Co of California
1920	RICHARDSON MARIE R	R. L. Polk & Co. of California

1646 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WILKERSON EMMA LEE	The Pacific Telephone & Telegraph Co.
1945	TURNER MABEL MRS R	The Pacific Telephone & Telegraph Co.
1943	Turner Mabel wid A E h	R. L. Polk & Co.
1938	TURNER MABEL MRS R	Pacific Telephone
1933	MARCIA VITO (MARY) LAB H BERKELEY	R. L. Polk & Co.
1925	NUTALL MRS R D R	R. L. Polk & Co. of California

1648 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WRIGHT FRANK R	The Pacific Telephone & Telegraph Co.
1945	WRIGHT FRANK R	The Pacific Telephone & Telegraph Co.
1943	Jackson Walter M r	R. L. Polk & Co.
	Jackson Matilda wid M A h	R. L. Polk & Co.
1928	Primus Alfonso Esther waiter H	R.L. Polk and Co of California
	h Nora Mrs H	R.L. Polk and Co of California
1925	HAMILTON MRS J B R	R. L. Polk & Co. of California
1920	MERRIWEATHER MRS A R	R. L. Polk & Co. of California

1650 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	FUHRMANN EMIL H BERKELEY	The Pacific Telephone & Telegraph Co.
1945	PAULY A J JR R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	FUHRMANN ROBT R BERKELEY	R. L. Polk & Co.
	FUHRMANN OTTO LAB R BERKELEY	R. L. Polk & Co.
	FUHRMANN CARL CLK R BERKELEY	R. L. Polk & Co.
	FUHRMANN ALBERTINE (WID CARL) H BERKELEY	R. L. Polk & Co.
1928	Fuhrman Robt R	R.L. Polk and Co of California
	Fuhrman Carl A Olga T H	R.L. Polk and Co of California
	Fuhrman Carl R	R.L. Polk and Co of California
	Fuhrman Aug R	R.L. Polk and Co of California

FINDINGS

1654 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BIALY HARVEY BERKELEY	Pacific Telephone Directory
1955	PEARSON H T BERKELEY	The Pacific Telephone & Telegraph Co.
1933	FUHRMANN EMIL (CLEMENTINA) WLDR H BERKELEY	R. L. Polk & Co.
1928	Fuhrman Clementina Mrs furn fnshr R Fuhrman Emil Clementine birmkr H	R.L. Polk and Co of California R.L. Polk and Co of California

1655 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Mikulich Stanley J Phyllis lab h	R. L. Polk & Co.
1933	GONZALES EUG H	R. L. Polk & Co.

1659 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Tsamtseres Geo confy r	R. L. Polk & Co.
1933	KOLAS JOHN LAB H KOLAS JAS LAB R	R. L. Polk & Co. R. L. Polk & Co.
1928	Kallas Jas K car elnr R	R.L. Polk and Co of California

1660 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Dilworth ackas Nick baker H	R.L. Polk and Co of California

1662 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	GOMES JOHN R	R. L. Polk & Co. of California
1920	PEPPAS J S R	R. L. Polk & Co. of California

1663 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	TAYLOR ROSA	The Pacific Telephone & Telegraph Co.
1943	Taylor Wakefield Rose lab h	R. L. Polk & Co.
1933	SPERAKES LOUIS H	R. L. Polk & Co.
1928	Busurplo Vincent Lena car repr H	R.L. Polk and Co of California

1664 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Davis A lab R	R.L. Polk and Co of California

FINDINGS

1665 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LOERA JESSIE R	The Pacific Telephone & Telegraph Co.
1943	Thomas Odis Hattie emp NSB h	R. L. Polk & Co.
	Henderson Creola Mrs maid r	R. L. Polk & Co.
1933	BERG ANDW H	R. L. Polk & Co.
1928	Vangus Angelo lab H	R.L. Polk and Co of California
	Vangos Angelo lab R	R.L. Polk and Co of California
	trude Peter truckmn R	R.L. Polk and Co of California

1666 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MEDINA J	R. L. Polk Co.
1955	FIRSE PANSY	The Pacific Telephone & Telegraph Co.
1945	FIRSE PANSY R	The Pacific Telephone & Telegraph Co.
1943	Tapinos Wm h	R. L. Polk & Co.
1933	GRAHAM WALTER R	R. L. Polk & Co.
	BILL JOHN H H	R. L. Polk & Co.
1928	M Thos waiter R	R.L. Polk and Co of California
	Albany Geo Alice janitor H	R.L. Polk and Co of California

1669 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	PAPPAS LOUIS J CAR CLNR R	R. L. Polk & Co.
	MUCHOS JOHN LAB H	R. L. Polk & Co.
	GEORGI THOS R	R. L. Polk & Co.
1928	Muchis John car repr H	R.L. Polk and Co of California
	Paupas Louis lab R	R.L. Polk and Co of California

1670 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MOORE ESTELLE R	The Pacific Telephone & Telegraph Co.
1945	BYRD IRMA R	The Pacific Telephone & Telegraph Co.
1943	BYRD Harvey D shipydwkr r	R. L. Polk & Co.
	Byrd Irma E Mrs h	R. L. Polk & Co.
	Byrd Nadine H r	R. L. Polk & Co.
	BYRD Elva M r	R. L. Polk & Co.
	BYRD Dora A emp NSB r	R. L. Polk & Co.
1933	MASON CARRIE MRS R	R. L. Polk & Co.
	BYRD IRMA MRS H	R. L. Polk & Co.

FINDINGS

1671 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	HOWELL W M MRS R	The Pacific Telephone & Telegraph Co.
1943	Howell Julia wid Wm h Milton Jas lab r	R. L. Polk & Co. R. L. Polk & Co.
1933	SPENCER STEVE E (NELLIE) H	R. L. Polk & Co.
1928	Maxey Merle J Kath eng H	R.L. Polk and Co of California

1672 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	DAY ROBERT R	The Pacific Telephone & Telegraph Co.
1943	Day Lulu Mrs h Day Robt r GONZALES Fred shipydwr r	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1933	KATSANOS JOHN COOK R POLUS THOS (FLORENCE) OILER H	R. L. Polk & Co. R. L. Polk & Co.
1925	CRUMMER JEFF R	R. L. Polk & Co. of California

1673 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ACEVES JOSE R ACEVES FERNANDA R	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1943	Alires Fred Tillie shipydwr h	R. L. Polk & Co.
1933	NEE JAS (DELIA) AUTO PNTR H	R. L. Polk & Co.
1928	F Gildardo lab R	R.L. Polk and Co of California
1925	BUNAM MRS J H R	R. L. Polk & Co. of California
1920	LUPIS JOHN R	R. L. Polk & Co. of California

1675 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ROBERTS LENA R	The Pacific Telephone & Telegraph Co.
1945	ROBERTS LENA R	The Pacific Telephone & Telegraph Co.
1943	Roberts John USA r Roberts Lena bndrywkr r Roberts Mary wid Antone h	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1938	ROBERTS LENA R	Pacific Telephone
1933	ROBERTS MARY MRS R ROBERTS ALBT H	R. L. Polk & Co. R. L. Polk & Co.
1928	wards Mary wid Antone H H Lena drsmkr R	R.L. Polk and Co of California R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	apts John clk R	R.L. Polk and Co of California
	Poplar John mach R	R.L. Polk and Co of California
	av Antone stdt R	R.L. Polk and Co of California

1676 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ROBINSON IRENE MRS	The Pacific Telephone & Telegraph Co.
1943	Razi John Savrula lab h	R. L. Polk & Co.
	Gazis John G Stavrola restr r	R. L. Polk & Co.

1679 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LOERA AL	The Pacific Telephone & Telegraph Co.
1945	AVELAR ESTHER MRS R	The Pacific Telephone & Telegraph Co.
1943	Avelar Esther Mrs restrwkr r	R. L. Polk & Co.
	Reyes John Dolores lab h	R. L. Polk & Co.
1933	PERRY JOHN (CLAUDINA) H	R. L. Polk & Co.
1928	h John rancher H	R.L. Polk and Co of California
	Russett John lab R	R.L. Polk and Co of California

1681 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LARIS RAFAEL JR R	The Pacific Telephone & Telegraph Co.
1943	Loera Genaro E Ignacia coach clnr SP Co h	R. L. Polk & Co.
	Loera Genaro jr lab r	R. L. Polk & Co.
	Loera Manuel V lab r	R. L. Polk & Co.
1933	LOERA GENARA E (YGNACIA) LAB H	R. L. Polk & Co.
	LOERA ALPHONSO LAB R	R. L. Polk & Co.
	LOERA MANUEL D LAB R	R. L. Polk & Co.
1928	Luera Genaro E Ignacia car clnr H	R.L. Polk and Co of California
	Moncada Agustin car clnr R	R.L. Polk and Co of California

1682 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	RODRIGUES ROSE R	The Pacific Telephone & Telegraph Co.
1943	MARTINEZ Joaquin Librada lab SPCo h	R. L. Polk & Co.
	Velasquez Rosario car clnr SPCo r	R. L. Polk & Co.
1933	SAENZ ARTH LAB R	R. L. Polk & Co.
	SAENZ ESTHER MRS R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	SAENZ HENRY (SOPHIE) LAB H	R. L. Polk & Co.
	SAENZ MARY H	R. L. Polk & Co.
	SAENZ ROBT LAB R	R. L. Polk & Co.
	SAENZ ROY (FRANCES) LAB H	R. L. Polk & Co.
	STANISLAUS ANTHONY (HELEN) H	R. L. Polk & Co.

1683 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	EDMON GENEVA	The Pacific Telephone & Telegraph Co.
1943	MARTINEZ Phillip G Nellie H prsmn Chem & Pigment Co h	R. L. Polk & Co.
1933	SANTOS JOHN LAB H	R. L. Polk & Co.
	SANTOS AUG FCTYWKR R	R. L. Polk & Co.

1686 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	OLIVER LILLIE M R	The Pacific Telephone & Telegraph Co.
1945	MOORE ESTELLE R	The Pacific Telephone & Telegraph Co.
1943	Moore Wilton H Estelle shipydwkr h	R. L. Polk & Co.
1933	MOORE W H H	R. L. Polk & Co.

1690 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	GUTIERREZ FELIX R	The Pacific Telephone & Telegraph Co.
1943	Benavidez Antonio lab r	R. L. Polk & Co.
	Mata Danl Helen whsmn h	R. L. Polk & Co.
1933	HOLST AUGUSTE L MRS STATY	R. L. Polk & Co.
	HOLST WM F (AUGUSTA) H	R. L. Polk & Co.
1928	ev Wm F Augusta L H	R.L. Polk and Co of California
	R	R.L. Polk and Co of California
	1 Carl flagmn R	R.L. Polk and Co of California
	Bullard Augusta L Mrs staty	R.L. Polk and Co of California

1691 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LAWRENCE MANUEL R	The Pacific Telephone & Telegraph Co.
1943	Lawrence Manuel G Verna M shipydwkr h	R. L. Polk & Co.
1928	Medana Bisto Guadalupe H	R.L. Polk and Co of California

FINDINGS

1693 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Poulos Tony h	R. L. Polk & Co.
1933	POULOS TONY LAB H	R. L. Polk & Co.
	POULOS JOHN LAB R	R. L. Polk & Co.
	ANDROS CHRIS LAB R	R. L. Polk & Co.
1928	hs Paul car Insp r	R.L. Polk and Co of California

1697 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	MATIS STEVE R	The Pacific Telephone & Telegraph Co.
1943	Baptist Alvera L mach opr r	R. L. Polk & Co.
	CLARK Champ Rebecca D USA r	R. L. Polk & Co.
1933	BAPTIST JACOB (ALVERA) GRO	R. L. Polk & Co.
1928	Perera Jos driver R	R.L. Polk and Co of California
	Perera John H	R.L. Polk and Co of California
	Rentriora Manuel lab R	R.L. Polk and Co of California
	rr Frank seamn R	R.L. Polk and Co of California
	35th Manuel seamn R	R.L. Polk and Co of California

1715 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	SELLER JERRY	R. L. Polk Co.

1624 1/2 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	COOK HARVEY H BERKELEY	The Pacific Telephone & Telegraph Co.

7TH ST

1550 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HANLDELMAN Brandy	Haines Company, Inc.
1967	MIDWAY CLUB TAVERN	R. L. Polk Co.
1955	CALLOWAY S CLUB	The Pacific Telephone & Telegraph Co.
1945	EDDIE S CAFE & LIQUOR STORE	The Pacific Telephone & Telegraph Co.
1938	BANK CAFE & LIQUOR STORE	Pacific Telephone
1928	Jurich Mark Mary gro	R.L. Polk and Co of California
	f Steve meats	R.L. Polk and Co of California
1925	LUBIS M B CO PLUMBING	R. L. Polk & Co. of California

FINDINGS

1551 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	WEST OAKLAND OFFICE J J Vieira Mgr	R. L. Polk & Co.
1933	AMERICAN TRUST CO (MAIN OFFICE SAN FRANCISCO) BROADWAY OFFICE	R. L. Polk & Co.
1928	Pontius B F firemn R	R.L. Polk and Co of California

1552 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1975	GILLETT WM	Pacific Telephone
1970	STOKES LOUIS	Pacific Telephone Directory
1955	WIGGINS JULIUS	The Pacific Telephone & Telegraph Co.
1943	Broulik Ernest W Olga clk r	R. L. Polk & Co.
	Chin Edw Jennie waiter h	R. L. Polk & Co.
1938	JACKSON FLORA R	Pacific Telephone
1933	JUREVICH NICHOLAS PNTR R	R. L. Polk & Co.
	JURICH MARK (MARY) COAL	R. L. Polk & Co.
1928	same Nich R	R.L. Polk and Co of California

1553 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	TESTAMENT HOLLY CHURCH OF CHRIST THE	R. L. Polk Co.
1943	Benigno Rocco Edith shipydwkr h	R. L. Polk & Co.

1554 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RALYA RICHARD E	Pacific Bell
1996	GARDNER ERIC N	PACIFIC BELL DIRECTORY
1970	CARSON LOIS	Pacific Telephone Directory
1967	CARSON LOIS	R. L. Polk Co.
1962	Vernon Bedella	Pacific Telephone
	Vernon Burl A	Pacific Telephone
1955	SMITH FOSTER P	The Pacific Telephone & Telegraph Co.
1943	Lai Jung S gro r	R. L. Polk & Co.
	Yee Jue Hing h	R. L. Polk & Co.
1938	ASKEW L MRS R	Pacific Telephone
1928	Back Ben J Lee & Back R	R.L. Polk and Co of California
	B Frank Addle Lee & Back H	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	f & Back Prank Lee Beni Back roots and 1 herbs	R.L. Polk and Co of California

1555 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	U S P 0 WEST END BR	R. L. Polk Co.
1962	West Oakland Station	Pacific Telephone
1955	UNITED STATES GOVERNMENT	The Pacific Telephone & Telegraph Co.
1945	UNITED STATES GOVERNMENT	The Pacific Telephone & Telegraph Co.
1933	JOHNSTON ROBT A CO L N JOHNSON MGR WHOL CONFRS	R. L. Polk & Co.
1928	Santa Robt A Co L N Johnson msr whol confy	R.L. Polk and Co of California

1556 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DADGARAIIR	Haines Company, Inc.
2000	DADGAR ALI R	Pacific Bell
1992	PRATT TED & LEOTIE	PACIFIC BELL DIRECTORY
1975	NICK S CLOTHIERS	Pacific Telephone
1970	NICK S CLOTHIERS	Pacific Telephone Directory
1967	NICKS JARMAN SHOES	R. L. Polk Co.
1962	Nicks Clothiers	Pacific Telephone
1955	NICK S DEPARTMENT STORE	The Pacific Telephone & Telegraph Co.
1945	NICK S BARGAIN CENTER	The Pacific Telephone & Telegraph Co.
1943	Fakoury Nicholas dry gds	R. L. Polk & Co.
1938	SAMUELS J M SHOES	Pacific Telephone
1933	SAMUELS JOS M (DORA) SHOES	R. L. Polk & Co.
1928	bldg JOs M Dora shoes	R.L. Polk and Co of California
1925	SAMUELS J M SHOES	R. L. Polk & Co. of California
	LAUER R A SHOE FINDINGS	R. L. Polk & Co. of California

1557 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.
1955	LABOR YOUTH LEAGUE	The Pacific Telephone & Telegraph Co.
1945	HENDERSON JOHN C ATTY	The Pacific Telephone & Telegraph Co.
	RICHARDSON H L ATTY	The Pacific Telephone & Telegraph Co.
	YOUNG F E DR OFC	The Pacific Telephone & Telegraph Co.
	YOUNGE F E DR OFC	The Pacific Telephone & Telegraph Co.
1943	Hamilton Vivian C Elody phys	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	RICHARDSON H LEONARD Harriette E Attorney at Law Notary Public	R. L. Polk & Co.
1938	RICHARDSON H L ATTY ROUT JOHN W DENTIST	Pacific Telephone Pacific Telephone
1933	OAKLAND U P E C HALL SOUZA ARNOLDO H	R. L. Polk & Co. R. L. Polk & Co.
1928	clecak Nioh J phys	R.L. Polk and Co of California
1925	A P U M CLECAK DR N J	R. L. Polk & Co. of California R. L. Polk & Co. of California
1920	A P U M	R. L. Polk & Co. of California

7th St

1558 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	DEK WAT MUAY THAI DEK WAT MUAY THAI	EDR Digital Archive EDR Digital Archive
2010	OCELOT OCELOT	EDR Digital Archive EDR Digital Archive

7TH ST

1558 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WORKSHOP INC DAYSTUDIO	Haines Company, Inc. Haines Company, Inc.
2000	DE ANTONIS ANGELINA J	Pacific Bell
1928	~1558 H Music Co M J and W B Styles	R.L. Polk and Co of California R.L. Polk and Co of California

1559 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	JONES LONNIEL O REALTOR	R. L. Polk Co.
1962	JONES LONNIEL O REALTOR Jones Lonniel O Realtor	Pacific Telephone Pacific Telephone
1955	JONES LONNIEL O RL EST MORROW A H RL EST	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1945	MORROW A H RL EST BERKELEY	The Pacific Telephone & Telegraph Co.
1933	FURTADA ANTONE POOL RM	R. L. Polk & Co.
1928	Seney Norris S May barbe R	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	LILJENBERG FRANK TAILOR	R. L. Polk & Co. of California

1560 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HOLMAN Deslareo	Haines Company, Inc.
1967	WOLF FURNITURE WHSE	R. L. Polk Co.
1933	LAMBAS NICHOLAS G (ETHEL) RESTR	R. L. Polk & Co.
1928	F John rest R	R.L. Polk and Co of California

1561 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	CONSUMERS HOTEL	R. L. Polk Co.
1962	Consumers Hotel	Pacific Telephone
1955	CONSUMERS HOTEL	The Pacific Telephone & Telegraph Co.
	STARKS FRANK E	The Pacific Telephone & Telegraph Co.
1945	FORD D W UNITED CONSUMERS & PRODUCERS INC	The Pacific Telephone & Telegraph Co.
	PYRAMID CLUB	The Pacific Telephone & Telegraph Co.
1943	Batterberry J B shipydwkr r	R. L. Polk & Co.
	Berry Thos eng r	R. L. Polk & Co.
	Boan Amos ydmn SPCo r	R. L. Polk & Co.
	CAMPBELL Frank J eng r	R. L. Polk & Co.
	Furlow Sidney brkmn r	R. L. Polk & Co.
	Hamilton Wm H eng r	R. L. Polk & Co.
	HERRON Thos J ydmn SPCo r	R. L. Polk & Co.
	Jarvis John baker r	R. L. Polk & Co.
	Kimbell Clyde cond r	R. L. Polk & Co.
	Maskus John r	R. L. Polk & Co.
	Mc Govern Ann restrwkr r	R. L. Polk & Co.
	NELSON Howard J brkmn r	R. L. Polk & Co.
	Pearce Jos D eng SPCo r	R. L. Polk & Co.
	Peebles Lee ydmn r	R. L. Polk & Co.
	Piatte Eliz wid C R mgr Star Hotel h	R. L. Polk & Co.
	Ricks R H swchmn r	R. L. Polk & Co.
	SIMMONS Carl eng r	R. L. Polk & Co.
	Star Hotel	R. L. Polk & Co.
	Stebbins Harrison P ydmn SPCo r	R. L. Polk & Co.
	Stonefield Geo C ydmn SP Co r	R. L. Polk & Co.
	Widener Elijah M h	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	POOR PETER R	Pacific Telephone
	WAGNER ROBT MRS R	Pacific Telephone
1933	WAGNER HATTIE MRS H	R. L. Polk & Co.
	WAGNER ROBT F MILLMN R	R. L. Polk & Co.
1928	Berkeley O A firemn R	R.L. Polk and Co of California
	n Wm H firemn R	R.L. Polk and Co of California
	Mc Wm N elk SPCo R	R.L. Polk and Co of California
	HR R W fireinn R	R.L. Polk and Co of California
	Florence Hattie Mrs furn rms H	R.L. Polk and Co of California
	59th Robt F Hattie furn rms	R.L. Polk and Co of California
	Woodruff B ilremn R	R.L. Polk and Co of California
	G L brkmn R	R.L. Polk and Co of California
	Cross Chas L eng R	R.L. Polk and Co of California
	H John I eng	R.L. Polk and Co of California
	I B R	R.L. Polk and Co of California
1925	WAGNER MRS H R	R. L. Polk & Co. of California
1920	ROBLES MRS R R	R. L. Polk & Co. of California

1562 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	MELLARAS GEO TAILOR	R. L. Polk & Co.
1928	Kouroupis Thracevoulos Galliopi shoe repr	R.L. Polk and Co of California

1563 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	DREWS COFFEE SHOP RESTR	R. L. Polk Co.
1945	CONSUMERS FOUNTAIN CAFE	The Pacific Telephone & Telegraph Co.
	UNITED CONSUMERS & PRODUCERS INC	The Pacific Telephone & Telegraph Co.
1943	Roberts Frank J furn repr	R. L. Polk & Co.
1928	Sarver Harry Esther hdw	R.L. Polk and Co of California
1925	SARVER H R	R. L. Polk & Co. of California
1920	SARVER H R	R. L. Polk & Co. of California

1564 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	SANTICO EMANUEL J RADIOS	R. L. Polk & Co.

FINDINGS

1566 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	NAVARRO ALF S	R. L. Polk Co.
1945	JOW HARRY R	The Pacific Telephone & Telegraph Co.
1933	STOTT RALPH W (ETTA) IRONWKR H	R. L. Polk & Co.
1928	B Ellz wid Geo R	R.L. Polk and Co of California
	Nestrich Chris Pauline lab H	R.L. Polk and Co of California
	Bergeron Ernest Anna car clnr R	R.L. Polk and Co of California
	h Luvinia wid Dani H	R.L. Polk and Co of California
1925	WATTS DR WM	R. L. Polk & Co. of California

1567 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.
1943	Robinson Georgina restrwkr r	R. L. Polk & Co.
	EVERETT Van B Corine A shipydwkr h	R. L. Polk & Co.
1933	TATUM BARCLAY H	R. L. Polk & Co.
1920	PAYNE MRS W M R	R. L. Polk & Co. of California

1568 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LLOYD MIRANDA	Pacific Bell
1992	NAVARRO ALFRED	PACIFIC BELL DIRECTORY
1975	NAVARRO ALFRED	Pacific Telephone
1970	NAVARRO ALFRED	Pacific Telephone Directory
1967	ALS REPAIRING SHOE REPR	R. L. Polk Co.
1962	Navarro Alfred	Pacific Telephone
1943	TAIT A J & CO M E Moon Real Estate Rentals and Notary Public	R. L. Polk & Co.
1938	TAIT A J & CO RL EST	Pacific Telephone
1933	MOON GEO A (MARY E) REAL EST	R. L. Polk & Co.
	TAIT A J & CO (M E MOON) REAL ESTATE RENTALS AND NOTARY PUBLIC	R. L. Polk & Co.
1925	TAIT A J REALTOR	R. L. Polk & Co. of California
1920	TAIT A J REAL ESTATE & INS	R. L. Polk & Co. of California

1569 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	GEVERTZ LOAN & JEWELRY CO	R. L. Polk Co.
1962	Gevertz Buy & Sell Store	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Gevertz Jules Gevertz Buy & Sell Str	Pacific Telephone
1955	GEVERTZ CLOTHING STORE	The Pacific Telephone & Telegraph Co.
	GEVERTZ JULES GEVERTZ CLOTHING STORE	The Pacific Telephone & Telegraph Co.
1945	GEVERTZ JULES CLTHNG	The Pacific Telephone & Telegraph Co.
1943	Gevertz Max Eliz clo clnr	R. L. Polk & Co.
1933	GEVERTZ MAX (LIZZIE) CLO CLNR	R. L. Polk & Co.
1928	Gevertz Max Lizzie tailo R	R.L. Polk and Co of California
1925	GEVERTZ M R	R. L. Polk & Co. of California
1920	GEVERTZ M R	R. L. Polk & Co. of California

1570 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MCCLAIN ZEOPHAUS MRS	Pacific Telephone Directory
1967	MC CLAIN PERRY	R. L. Polk Co.
	A WINTERS PERICLES H H	R. L. Polk Co.
1945	YIP DAN R	The Pacific Telephone & Telegraph Co.
1943	Yip Dan Chinn restrwkr h	R. L. Polk & Co.
1938	YIP DAN R	Pacific Telephone
1928	Brookdale Louis lab R	R.L. Polk and Co of California
	Brookdale Leslie driver R	R.L. Polk and Co of California

1572 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FIRST TABERNACLE CHURCH	Pacific Telephone
1970	FIRST TABERNACLE CHURCH	Pacific Telephone Directory
1967	FIRST TABERNACLE BAPTIST CHURCH	R. L. Polk Co.
1955	SAVOY TEA ROOM	The Pacific Telephone & Telegraph Co.
1943	Shapiro Alf L Carrie notions	R. L. Polk & Co.
1938	OREB KRIST R	Pacific Telephone
1933	OREB KRIST GRO	R. L. Polk & Co.
1928	Brookdale Martin Flora shoes	R.L. Polk and Co of California
1920	BROWNFIELD MRS WM R	R. L. Polk & Co. of California

1574 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WILLIAMS WILLIE	Pacific Telephone Directory
1967	STACKS DUDLEY WILLIAMS WILLIE	R. L. Polk Co.
1955	WILLIAMS WILLIE	The Pacific Telephone & Telegraph Co.
1938	CHIN CHONG R	Pacific Telephone

FINDINGS

7th St

1575 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ONLINE CYBERSPACE PREP SCHOOL	EDR Digital Archive
	NUZ2U SMOKEHOUSE	EDR Digital Archive
	NUZ2U SMOKEHOUSE	EDR Digital Archive
	ONLINE CYBERSPACE PREP SCHOOL	EDR Digital Archive
2010	ONLINE CYBERSPACE PREP SCHOOL	EDR Digital Archive
	ONLINE CYBERSPACE PREP SCHOOL	EDR Digital Archive

7TH ST

1575 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PENTECOSTAL WAY OF TRUTH ORG PENTECOSTAL WAY OF TRUTH THE	Haines Company, Inc. Haines Company, Inc. Haines Company, Inc. Haines Company, Inc.
2000	PENTECOSTAL WAY OF TRUTH ACADEMY PENTECOSTAL WAY OF TRUTH CHURCH	Pacific Bell Pacific Bell
1996	PENTECOSTAL WAY OF TRUTH ORGANIZATION	PACIFIC BELL DIRECTORY
1975	PENTECOSTAL WAY OF TRUTH	Pacific Telephone
1970	WOLF FURNITURE CO	Pacific Telephone Directory
1967	WOLF FURNITURE CO	R. L. Polk Co.
1962	Wolf M Furniture Co	Pacific Telephone
1955	PAC ALUMINUM CO	The Pacific Telephone & Telegraph Co.
1945	HIRSCHBEIN M L CO	The Pacific Telephone & Telegraph Co.
1938	CENTER STATION GARAGE	Pacific Telephone
1928	Rudech Thos Nellie garage H	R.L. Polk and Co of California
1925	RUDECH THOS E GARAGE CENTER STATION GARAGE	R. L. Polk & Co. of California R. L. Polk & Co. of California
1920	SAMUELS J M GARAGE CENTER STATION GARAGE	R. L. Polk & Co. of California R. L. Polk & Co. of California

1576 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	PERALTA LAUNDERETTE	Pacific Telephone Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	PERALTA LAUNDERETTE COPPER NIT	R. L. Polk Co. R. L. Polk Co.
1962	Peralta Launderette & Cleaners	Pacific Telephone
1955	PERALTA LAUNDERETTE & CLEANERS	The Pacific Telephone & Telegraph Co.
1943	JENKINS Mary h	R. L. Polk & Co.
1928	Mclears	R.L. Polk and Co of California

1578 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	CHIN GONG	Pacific Telephone Directory
1967	CHIN GONG	R. L. Polk Co.
1962	Chin Gong	Pacific Telephone
1955	CHIN GONG R	The Pacific Telephone & Telegraph Co.
1945	CHIN GONG R	The Pacific Telephone & Telegraph Co.
1938	JENKINS MARY R	Pacific Telephone
1928	Valea Jas rest R O Chas A waiter R	R.L. Polk and Co of California R.L. Polk and Co of California
1925	BAILEY MRS G R	R. L. Polk & Co. of California

1579 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	LA RIBERA GROCERY REAR RIBERA MANUEL	R. L. Polk Co. R. L. Polk Co.
1962	La Ribera Grocery	Pacific Telephone
1955	LA RIBERA GROCERY	The Pacific Telephone & Telegraph Co.
1945	RIVERA M R	The Pacific Telephone & Telegraph Co.
1943	Rivera Manuel Lupe gro	R. L. Polk & Co.
1938	RIVERA M R	Pacific Telephone
1933	CATASSI GASTON (ANNE) GRO	R. L. Polk & Co.
1928	Catassi Gaston Anna gro	R.L. Polk and Co of California
1925	ALLEN GEO CLNR & DYER	R. L. Polk & Co. of California

1580 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	CHURCH SALES STORE 2D HAND STORE	R. L. Polk Co.
1955	KING S GROCERY STORE	The Pacific Telephone & Telegraph Co.
1945	RADOVAN S GROCERY	The Pacific Telephone & Telegraph Co.
1943	Radovan Vincent Cath gro	R. L. Polk & Co.
1938	RADOVAN S GROCERY	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	OWYANG PATRICK R	Pacific Telephone
1933	CURACK PETER GRO	R. L. Polk & Co.
	VIVALDO LOUIS (BERNARDINE) MEATS	R. L. Polk & Co.
1928	Curach Geo Ketj gro	R.L. Polk and Co of California
1925	GRACA A F GROC	R. L. Polk & Co. of California
1920	LUZ M V GROCERY	R. L. Polk & Co. of California

1581 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	ALEXANDER JESUS	R. L. Polk Co.
1962	Goins O W Jr r	Pacific Telephone
1955	GOINS O W JR R	The Pacific Telephone & Telegraph Co.
1943	LEAL John M cnrywkr r	R. L. Polk & Co.
	LEAL Geo M Eva A lab h	R. L. Polk & Co.
1928	Gervonovich Nickolai pntr R	R.L. Polk and Co of California
1925	GIVANOVICH NICK R	R. L. Polk & Co. of California

1582 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	ROSE BEAUTY SALON THE	The Pacific Telephone & Telegraph Co.
1943	Wiseman Cecil C jr Janie shipydwr r	R. L. Polk & Co.

1586 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	GEVERTZ JULES GEVERTZ LOAN & JEWELRY CO	Pacific Telephone Directory
	GEVERTZ LOAN & JEWELRY CO	Pacific Telephone Directory
1967	STONES LOAN CO	R. L. Polk Co.
1962	Stones Friendly Buy & Sell Store	Pacific Telephone
1955	STONE S FRIENDLY BUY & SELL STORE	The Pacific Telephone & Telegraph Co.
1943	Stores	R. L. Polk & Co.
1933	SHEGEDIN NICH (MARY) DRY GDS	R. L. Polk & Co.
1928	Shagedin Nich Mary dry goods	R.L. Polk and Co of California

1587 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	VENERABLE SERVICE STN	Pacific Telephone Directory
1967	VENERABLE SERVICE STATION GAS	R. L. Polk Co.
1962	Venerable Service Stn	Pacific Telephone
1955	MATTHEWS SERVICE STN	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	CENTER STATION SERVICE	The Pacific Telephone & Telegraph Co.
1943	Moreira Manuel M Ida C gas sta	R. L. Polk & Co.

1588 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Kramer Clyde supt Union Mach Wks r	R. L. Polk & Co.

1590 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	JAMES LIQUOR STORE & SUNDRIES	Pacific Telephone Directory
1967	JAMES LIQUOR STORE	R. L. Polk Co.
1962	James Liquor Store & Sundries	Pacific Telephone
1955	JAMES LIQUOR STORE & SUNDRIES	The Pacific Telephone & Telegraph Co.
1945	CENTER PHARMACY	The Pacific Telephone & Telegraph Co.
1943	CENTER PHARMACY B O Culbertson Cecil Martin	R. L. Polk & Co.
1938	CENTER PHARMACY	Pacific Telephone
1933	DAVIS DAVID (GEORGIA R) DRUGS	R. L. Polk & Co.
1928	B David Georgia R drugs	R.L. Polk and Co of California
1925	FORNERIS A & CO	R. L. Polk & Co. of California
1920	LONG R W	R. L. Polk & Co. of California

1599 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	ALEVIZOS NICH P (BESSIE) PRES WEST OKLD MOTOR BUS LINES AND GAS STA	R. L. Polk & Co.

7th St

1600 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BIKES 4 LIFE	EDR Digital Archive
	ONE FAM	EDR Digital Archive
	ONEFAM	EDR Digital Archive
	NEXT EVENT	EDR Digital Archive
	NEXT EVENT	EDR Digital Archive
	ONE FAM	EDR Digital Archive
	ONEFAM	EDR Digital Archive
	BIKES 4 LIFE	EDR Digital Archive
2010	ONEFAM	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	BIKES 4 LIFE	EDR Digital Archive
	NEXT EVENT	EDR Digital Archive
	NEXT EVENT	EDR Digital Archive
	ONEFAM	EDR Digital Archive
	BIKES 4 LIFE	EDR Digital Archive

7TH ST

1600 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	SEVENTH STREET WINE C LIQUOR	R. L. Polk Co.
1962	Seventh Street Wine & Liquor	Pacific Telephone
1955	SEVENTH STREET WINE & LIQUOR	The Pacific Telephone & Telegraph Co.
1945	COBURN R A R	The Pacific Telephone & Telegraph Co.
1943	COBURN Ralph A Alice liquors	R. L. Polk & Co.
	Shattock Jas V Muriel reprmn h	R. L. Polk & Co.
	Sticka Helen L clk r	R. L. Polk & Co.
1938	BLACK & WHITE LIQUOR STORES	Pacific Telephone
1933	GALLEN KAMP STORES CO SHOES	R. L. Polk & Co.
1925	YALE GROCERY	R. L. Polk & Co. of California
	KOPLOS T D GROCER	R. L. Polk & Co. of California
1920	PIPERIS STEVE MEATS	R. L. Polk & Co. of California
	YALE MARKET	R. L. Polk & Co. of California

1601 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WOLF M FURNITURE CO THE	The Pacific Telephone & Telegraph Co.
1945	WOLF M FURNITURE CO THE	The Pacific Telephone & Telegraph Co.
1938	WOLF M FURNITURE CO THE	Pacific Telephone
1925	WOLF M FURNITURE CO THE	R. L. Polk & Co. of California
1920	MCINTYRE J FURN	R. L. Polk & Co. of California

1603 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	WOLF MAX (HELEN) FURN	R. L. Polk & Co.
1928	Hearst Max Helen furn	R.L. Polk and Co of California

1604 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	J & A BARGAINS	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	SPARKS OVERTON BERKELEY	Pacific Telephone Directory
1967	M & W CLEANERS	R. L. Polk Co.
1955	SPARKS OVERTON R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	MURRAY MICHAEL J R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Gira Geo barber	R. L. Polk & Co.
1933	GIRA GEO (KATIE) BARBER	R. L. Polk & Co.
1928	Gira Geo Kath barbe R	R.L. Polk and Co of California

1606 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	BUSY BEE TONSORIAL PARLOR	R. L. Polk Co.
	BARBER SHOP	R. L. Polk Co.
1943	Jaxyson Jesse C radios	R. L. Polk & Co.
1938	JAXSYON RADIO CO	Pacific Telephone
1933	KIELBASA WALTER (STELLA) SHOE REPR	R. L. Polk & Co.
1928	Kielbasa Walter Btanlsau shoe rep R	R.L. Polk and Co of California

7th St

1608 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	YOGA LOVE WEST OAKLAND	EDR Digital Archive
	YOGA LOVE WEST OAKLAND	EDR Digital Archive

7TH ST

1608 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FARRISH FELIX H	Pacific Telephone
1970	FARRISH FELIX H	Pacific Telephone Directory
1967	LAYMAN MITCHELL	R. L. Polk Co.
1945	JONES ELLA MRS R	The Pacific Telephone & Telegraph Co.
1943	Young Theo whsmn r	R. L. Polk & Co.
	Sholars Susie r	R. L. Polk & Co.
	Dickson Cornelia h	R. L. Polk & Co.
1925	DEVAUGHN DR O W R	R. L. Polk & Co. of California

FINDINGS

1609 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	TOLLEY FRANK E R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	TOLLEY FRANK E R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	TOLLEY FRANK E R	Pacific Telephone
1933	TOLLEY VERNA K STEN C W HAMMOND R BERKELEY	R. L. Polk & Co.
	TOLLEY FRANK E (ELLA K) LAB H BERKELEY	R. L. Polk & Co.
	TOLLEY JAS R R BERKELEY	R. L. Polk & Co.
1928	Tolley Frank B Blla K lab R	R.L. Polk and Co of California

1610 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GRIFF S PAINT CO	PACIFIC BELL DIRECTORY
1975	JAMES BAR	Pacific Telephone
1970	CARR VELDA BERKELEY	Pacific Telephone Directory
	CARR GRADY BERKELEY	Pacific Telephone Directory
1967	HOUSE OF JOY TAVERN	R. L. Polk Co.
1945	KIER F W R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Pitta Jose Maria restr	R. L. Polk & Co.
1933	PITTA JOS CIGARS	R. L. Polk & Co.
1928	Ardley John E cigars	R.L. Polk and Co of California
1925	SILVA & FRANKS	R. L. Polk & Co. of California

1611 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	h Chris W Marie H	R.L. Polk and Co of California
	lyn Thos K clk SPCo R	R.L. Polk and Co of California

1612 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	DOUGLAS CAFE	Pacific Telephone
1967	FIELDS BAR NONE BAR B Q RESTR	R. L. Polk Co.
	VACANT	R. L. Polk Co.
1955	LEONARD S HICKORY PH	The Pacific Telephone & Telegraph Co.
1943	Mazzone Mosside Rose mach h	R. L. Polk & Co.
	Flores Geo Helen restr	R. L. Polk & Co.
1933	FLESORAS GEO (HELEN) RESTR	R. L. Polk & Co.
1928	Floras John C rest R	R.L. Polk and Co of California
1920	WILLIAMS L R TAILOR	R. L. Polk & Co. of California

FINDINGS

1613 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	OTTEWILL GEO A BERKELEY	Pacific Telephone Directory
1955	OTTEWILL GEO A R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	WILLIAMS J R MRS R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	WILSON Troy Nell cement fnsr h	R. L. Polk & Co.
	Pollard Arth emp NSD r	R. L. Polk & Co.
	Lemmon John lab r	R. L. Polk & Co.
1933	SWANSON WM H BERKELEY	R. L. Polk & Co.
1928	av Frances R	R.L. Polk and Co of California
	Akins Dixon T Florence porter H	R.L. Polk and Co of California
	5th Wm Belle A H	R.L. Polk and Co of California
1925	SWANSON MRS WILL R	R. L. Polk & Co. of California

1614 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	WALSH LEXA	PACIFIC BELL DIRECTORY
1967	RHODES VERDA L MRS	R. L. Polk Co.
1945	HALL ANNA BELL R	The Pacific Telephone & Telegraph Co.
1943	Lomack E Mae r	R. L. Polk & Co.
	Coleman Thelma Mrs beauty opr h	R. L. Polk & Co.
1938	COOKS WAITERS & PORTERS REST ROOMS	Pacific Telephone
1925	JONES DR W L OFFICE	R. L. Polk & Co. of California

1615 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	MODERN ELECTRIC CO	The Pacific Telephone & Telegraph Co.
	STRICKLER L H PHONGRPHS	The Pacific Telephone & Telegraph Co.
1928	lington Theo F Nettle F pnt R	R.L. Polk and Co of California
1925	HANSEN T T	R. L. Polk & Co. of California
	WEST OAKLAND PAINT & PAPERING SHOP	R. L. Polk & Co. of California
1920	WEST OAKLAND PAINT & PAPERING SHOP	R. L. Polk & Co. of California

7th St

1616 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	MAMAS BABY BARBER SHOP	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	MAMAS BABY BARBER SHOP	EDR Digital Archive

7TH ST

1616 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WOO JACK BERKELEY	Pacific Telephone Directory
1967	M & W SHINE PARLOR SHOE SHINES	R. L. Polk Co.
1955	NG ALLEN R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	NELSON Edw shoe shiner	R. L. Polk & Co.
1933	BEAUREGARD RICHD (EARRISE) SHOE SHINER	R. L. Polk & Co.
1928	dr Walter Pearl shoe shine R	R.L. Polk and Co of California
1925	Q & Q LUNCH ROOM	R. L. Polk & Co. of California
	MITCHELL C CAFE	R. L. Polk & Co. of California

1617 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	TROUPE EUGENE G SR BERKELEY	Pacific Telephone Directory
	TROUPE DAVINE BERKELEY	Pacific Telephone Directory
1955	ANDERSON WM BERKELEY	The Pacific Telephone & Telegraph Co.
1945	MURILLO MIKE R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	BOAK HARRY (MARGT) LAB H BERKELEY	R. L. Polk & Co.
1928	jleb Louis Bianca jwl R	R.L. Polk and Co of California

1618 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.

1619 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	SULLIVAN Jewel H h	R. L. Polk & Co.
1933	DREYFOUS ALBT (ALICE) WAITER H	R. L. Polk & Co.

1620 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Smith J S Rev Damascus Missionary Baptist Church	Pacific Telephone
	Damascus Missionary Baptist Church	Pacific Telephone
1955	LINCOLN THEATRE	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LINCOLN THEATRE	The Pacific Telephone & Telegraph Co.
1943	Lincoln Theatre	R. L. Polk & Co.
1938	LINCOLN THEATRE	Pacific Telephone
1933	LINCOLN THEATRE	R. L. Polk & Co.
1928	Wettings Fred Lelia v pres Cox Cylinder Wks H	R.L. Polk and Co of California
	Mound Theatre	R.L. Polk and Co of California
1925	LINCOLN THEATRE	R. L. Polk & Co. of California
1920	LINCOLN THEATRE	R. L. Polk & Co. of California

1621 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MILEY NORMAN L JR BERKELEY	Pacific Telephone Directory
1955	WEST END CLEANERS	The Pacific Telephone & Telegraph Co.
	MALOFF JOSEPHINE BERKELEY	The Pacific Telephone & Telegraph Co.
1945	WEST END CLEANERS	The Pacific Telephone & Telegraph Co.
1938	WILBURN S RADIO SERVICE	Pacific Telephone
1933	PARKER JOHN W LAB H BERKELEY	R. L. Polk & Co.
	BULLOCK THOS F (ROSAMOND) PHOTOG	R. L. Polk & Co.
1928	Co Thos F Rosamond photog	R.L. Polk and Co of California

1622 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	POWERS MICK	PACIFIC BELL DIRECTORY
1970	JOHNSON ELLA BERKELEY	Pacific Telephone Directory
1955	EADS HYMEL S R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	ABBOTT M E R BERKELEY	The Pacific Telephone & Telegraph Co.

1623 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Mayers Eug H Mildred E steward h	R. L. Polk & Co.
1938	MAYERS M E MRS R	Pacific Telephone
1928	Larry Bertha Mrs H	R.L. Polk and Co of California
	Dennis Adrian porter R	R.L. Polk and Co of California
1925	NETTLES M L R	R. L. Polk & Co. of California

1624 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	REAR JACKSON JESSIE C	R. L. Polk Co.
	LORENES SANDWICH SHOP RESTR	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Silva Ernest Bertha h	R. L. Polk & Co.
	Tsamtseres Geo confy	R. L. Polk & Co.
1933	TSAMBALOS SAML CONFY	R. L. Polk & Co.
1928	Tsambalos Sam conf R	R.L. Polk and Co of California
	Killakis Geo elk Sami Teuambalos H	R.L. Polk and Co of California
	Stavriotis Michi car clnr R	R.L. Polk and Co of California

1625 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BIBENS CAILOP BERKELEY	Pacific Telephone Directory
1933	HAMILTON JAS H BERKELEY	R. L. Polk & Co.
	HAMILTON EDW R BERKELEY	R. L. Polk & Co.

1626 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	JACKSON JESSE C	Pacific Telephone Directory
1962	Jackson Jesse C	Pacific Telephone
1955	JACKSON JESSE C	The Pacific Telephone & Telegraph Co.

1627 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	STOVALL S BARBER SHOP	The Pacific Telephone & Telegraph Co.
1945	EDITH S BARBER SHOP	The Pacific Telephone & Telegraph Co.
1943	Garcia Frank C Anna barber	R. L. Polk & Co.
1933	ALVES MANUEL (CAROLINE) BARBER	R. L. Polk & Co.
1925	PRAYLOR MRS SEDALIA R	R. L. Polk & Co. of California

1628 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	JACKSON RADIO & TV SHOP REPR	R. L. Polk Co.
1962	Jaxyson Music Co	Pacific Telephone
1955	BRIGGS WILLIE R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	JOHNSTON J W R	The Pacific Telephone & Telegraph Co.
	DOBLER REUBEN J R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Regas Louis G Olga liquors	R. L. Polk & Co.
1933	TSAMBALOS SAML CONFY	R. L. Polk & Co.
	PALOTO MARGT FACTYWKR R	R. L. Polk & Co.
	BELL SARAH E MRS RESTR	R. L. Polk & Co.
	KELLAKIS GEO (DEMETRA) CLK R	R. L. Polk & Co.
1928	Turnos Photeos D Francis rest R	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	LINCOLN GRILL	R. L. Polk & Co. of California

1629 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	KINNEY CLARENCE MRS BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Floyd Hunter D Alice emp NSD h	R. L. Polk & Co.
1933	DE CAMP LEO (MYRTLE) MACH H BERKELEY	R. L. Polk & Co.
1928	Shanghai The Yin Wong rest R	R.L. Polk and Co of California

7th St

1632 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	WEEKENDS IN WEST OAKLAND	EDR Digital Archive
	WEEKENDS IN WEST OAKLAND	EDR Digital Archive

7TH ST

1632 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MILLION WORKER MARCH	Haines Company, Inc. Haines Company, Inc.
1967	BRADLEY IRENE TW ARCADIA HOTEL TW	R. L. Polk Co. R. L. Polk Co.
1962	Hotel Arcadia	Pacific Telephone
1955	ARCADIA HOTEL DOWNEY JOAN MRS R BERKELEY	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1945	ARCADIA HOTEL	The Pacific Telephone & Telegraph Co.
1943	Arcade Hotel BAKER Roy shipydwkr r Baltimore Benj seamn r Branche Vernon shipydwkr r Granville Arth H carp r Granville Wallace mech r Harrell Fredk shipydwkr r Harris Ross shipydwkr r HICKS Edw constrwkr r JONES Arth shipydwkr r Jones Saml H shipydwkr r	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Larry Lawrence M whsmn r	R. L. Polk & Co.
	Lewis Harry E constrwkr r	R. L. Polk & Co.
	Powell Wm constwkr r	R. L. Polk & Co.
	Shigg Bertha Mrs mgr Arcade Hotel h	R. L. Polk & Co.
	Smith Henry lab r	R. L. Polk & Co.
	Tolan David lab r	R. L. Polk & Co.
	White Andw lab r	R. L. Polk & Co.
1938	ARCADIA HOTEL	Pacific Telephone
1933	ARCADIA HOTEL	R. L. Polk & Co.
	DEPOSTIO STEPH CLK R	R. L. Polk & Co.
	HALL JOS E (MAMIE) MGR ARCADIA HOTEL H	R. L. Polk & Co.
	MILLER J DANL (CLARA) LAB H	R. L. Polk & Co.
	MILLER JOS D WAITER R	R. L. Polk & Co.
	SALVINI GEO LAB R BERKELEY	R. L. Polk & Co.
	SALVINI JOS LAB R BERKELEY	R. L. Polk & Co.
	SALVINI RAFOLA MRS H BERKELEY	R. L. Polk & Co.
	SANKEY JOHN B R	R. L. Polk & Co.
	SANTIOS D V SLSMN R	R. L. Polk & Co.
1928	Salvini Jos fndymn R	R.L. Polk and Co of California
	Salvini Rachel wid Nick H	R.L. Polk and Co of California
	Sankey John B R	R.L. Polk and Co of California
	WOODSON Wood porter R	R.L. Polk and Co of California
	Albert Al U fctywkr R	R.L. Polk and Co of California
	Apostil Stoph olk R	R.L. Polk and Co of California
	Arcadia Hotel J E Hall	R.L. Polk and Co of California
	HALL Jos B Mamie Arcadia Hotel H	R.L. Polk and Co of California
	Dagres Geo A cook R	R.L. Polk and Co of California
1920	PANGOS TOM R	R. L. Polk & Co. of California

1633 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	NO RETURN	R. L. Polk Co.
1945	SENA MANUEL A R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	La Tosca Cafe Etoe Giovaninni Pilade Guidotti	R. L. Polk & Co.
1933	GUIDOTTI PETER SOFT DRINKS	R. L. Polk & Co.
	ALFONSO M DRIVER BKLY GARBAGE DEPT R BERKELEY	R. L. Polk & Co.
	ALPHONSE MANUEL LAB H BERKELEY	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	ESTRELLA MANUEL LAB BKLY GARBAGE DEPT R BERKELEY	R. L. Polk & Co.

1634 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JO & ANTONIO S GROCERIES	Pacific Bell
1970	THE HOUSE OF SOUL FOOD	Pacific Telephone Directory
1967	ROYAL CAFE	R. L. Polk Co.
1962	Royal Grill	Pacific Telephone
	Marion Chesteen R Royal Grill	Pacific Telephone
1955	OLIVER CLIFFORD BERKELEY	The Pacific Telephone & Telegraph Co.
1945	DOWNEY JOAN MRS R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	CARICH ANDW (MARY) BARBER	R. L. Polk & Co.
1928	Carich Andw Mary barbe R	R.L. Polk and Co of California

1635 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WILLIAMS DAISY	The Pacific Telephone & Telegraph Co.
1945	WILLIAMS DAISY R	The Pacific Telephone & Telegraph Co.
1943	Bonney Wm cook r	R. L. Polk & Co.
	Williams Daisy Mrs h	R. L. Polk & Co.
1933	CHRIST HOLY SANCTIFIED CHURCH REV JUDGE KING PASTOR	R. L. Polk & Co.
1928	Vaz Nathan waiter H	R.L. Polk and Co of California
	A Henry shoe shiner R	R.L. Polk and Co of California
	Ocean Harry waiter R	R.L. Polk and Co of California

1636 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DOMINGUEZ Juan	Haines Company, Inc.
1970	ABUAN MARIANO BERKELEY	Pacific Telephone Directory
	CARGILL JOHN	Pacific Telephone Directory
1967	LUCKY LIQUORS	R. L. Polk Co.
1962	Lucky Liquors	Pacific Telephone
1955	ABUAN MARIANO R BERKELEY	The Pacific Telephone & Telegraph Co.
	LUCKY LIQUORS	The Pacific Telephone & Telegraph Co.
1945	ABUAN MARIANO R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Santi Louis Mary baker	R. L. Polk & Co.
1933	GIZDICH VINCENT BAKER	R. L. Polk & Co.
	LAFON MAX MLDR H BERKELEY	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	LWPON Maximilian fndywkr R	R.L. Polk and Co of California
	Guarantee Sidney Christine bakery	R.L. Polk and Co of California

1637 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	NELSON JOSIE LEE BERKELEY	Pacific Telephone Directory
	DUPREE YVONNE BERKELEY	Pacific Telephone Directory
1955	YOUNG ALLEN	The Pacific Telephone & Telegraph Co.
	VALDIVIA JOEL L R BERKELEY	The Pacific Telephone & Telegraph Co.
	NEAL LULU BEATRICE R	The Pacific Telephone & Telegraph Co.
	JOHNSON GERALD	The Pacific Telephone & Telegraph Co.
1943	ROWE Elijah Lilly r	R. L. Polk & Co.
	Mc Farlin Oscar H Lillian P confr r	R. L. Polk & Co.
	Holt Fred restr h	R. L. Polk & Co.
	Crader Gertrude Mrs r	R. L. Polk & Co.
	Beckett Daisy Mrs waiter r	R. L. Polk & Co.
1938	PIPER LILLIE MRS R	Pacific Telephone
1928	NUM Jorome Mabel mucilcian I H	R.L. Polk and Co of California
	Drisdon Jos C Mattie porter H	R.L. Polk and Co of California
1925	RAY MAUDE R	R. L. Polk & Co. of California
1920	MOODY J B R	R. L. Polk & Co. of California

1638 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	STAR LOAN CO	Pacific Telephone Directory
	ABUAN RAYMOND C BERKELEY	Pacific Telephone Directory
1967	STAR CO USED MOSE	R. L. Polk Co.
1962	Star Co	Pacific Telephone
1920	HOLST MRS AUGUSTE	R. L. Polk & Co. of California

1639 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DANGOTT S BUY & SELL	The Pacific Telephone & Telegraph Co.
1943	Correia John Mary gro	R. L. Polk & Co.
1933	CORREIA JOHN (MARY) GRO	R. L. Polk & Co.
1928	73d & Silva John Correia J G Silva ero	R.L. Polk and Co of California
1925	WEST OAKLAND MARKET	R. L. Polk & Co. of California
1920	LIBERTY CAFE	R. L. Polk & Co. of California
	BRAUTOVICH L R	R. L. Polk & Co. of California

FINDINGS

7th St

1640 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SEVENTH ST HISTORICAL DST LLC	EDR Digital Archive
	SEVENTH ST HISTORICAL DST LLC	EDR Digital Archive

7TH ST

1640 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	SANDERS ELEANOR F BERKELEY	The Pacific Telephone & Telegraph Co.
1945	THORNTON V E R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Hooper Chas S clo clnr	R. L. Polk & Co.
1933	SENEY DORIS E CLK R BERKELEY	R. L. Polk & Co.
	QUINN SAML D SHOE SHINER	R. L. Polk & Co.
	LAKAMP THEODORA L MRS CLK R BERKELEY	R. L. Polk & Co.
	LAKAMP CARL (THEO) CLK H BERKELEY	R. L. Polk & Co.
1928	Fairbanks David Susan shoe shine R	R.L. Polk and Co of California
	Aug S Isabel M billiards	R.L. Polk and Co of California
	Soza John lab R	R.L. Polk and Co of California

1641 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	HALICAN IDA MRS BERKELEY	Pacific Telephone Directory
1955	HALICAN IDA MRS R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	KOEPKE W E R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	CERWONKA JOE R	Pacific Telephone
1933	CARWONKA JOS (MARGT) MACH H BERKELEY	R. L. Polk & Co.

7th St

1642 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CONFUSION	EDR Digital Archive
	CONFUSION	EDR Digital Archive
2010	CONFUSION	EDR Digital Archive
	CONFUSION	EDR Digital Archive

FINDINGS

7TH ST

1642 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CONFUSION	Haines Company, Inc.
2000	CONFUSION	Pacific Bell
1967	WASH PALACE SELF SERV LNDRY	R. L. Polk Co.
	REAR WALKER EARL	R. L. Polk Co.
1962	Frantzich Launderette	Pacific Telephone
1945	LIBERTY LUNCH	The Pacific Telephone & Telegraph Co.
1943	Gardner Oliver restr	R. L. Polk & Co.
1938	LARRY S LIQUOR STORE	Pacific Telephone
1928	Regent Walter Anna mens furnms	R.L. Polk and Co of California
1925	ISAACS WALTER HABERDASHERY	R. L. Polk & Co. of California
1920	ISAACS WALTER HABERDASHERY	R. L. Polk & Co. of California

1644 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	BLANN MACK J	R. L. Polk Co.

1645 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	JOHNSON DOCK BERKELEY	Pacific Telephone Directory
1955	JOHNSON DOCK BERKELEY	The Pacific Telephone & Telegraph Co.
1925	VESNINSKY M W R	R. L. Polk & Co. of California

1647 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MANUEL CREOLA BERKELEY	The Pacific Telephone & Telegraph Co.
1945	MORAN T B R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	HENDRICK NORMAN W (JOSEPHINE) PTRNMKR H BERKELEY	R. L. Polk & Co.

1650 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BERRY CLARENCE BERKELEY	Pacific Telephone Directory
	LOPEZ ANTONIA BERKELEY	Pacific Telephone Directory
	TOLDON CHAS S BERKELEY	Pacific Telephone Directory
	WESTLAND MKT	Pacific Telephone Directory
	TOLDON MOALAR VEE BERKELEY	Pacific Telephone Directory
1967	WEST LAND MARKET H	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Westland Market	Pacific Telephone
1955	WESTLAND MARKET	The Pacific Telephone & Telegraph Co.
1945	BADRAN BROS GROCERY	The Pacific Telephone & Telegraph Co.
1943	Badran Essa A gro	R. L. Polk & Co.
1938	ROMLEY S T GROCERY	Pacific Telephone
1933	SHDED ROMLEY GRO	R. L. Polk & Co.
1928	wood Mig Co Inc W A Jordan pres Zelma Coker sec Mrs Marie Jordan tress	R.L. Polk and Co of California
1925	JORDAN HAT FACTORY	R. L. Polk & Co. of California

1651 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	JACKMON O CLUB FLORAL SERVICE	The Pacific Telephone & Telegraph Co.
	CLUB FLORAL SERVICE	The Pacific Telephone & Telegraph Co.
1938	ATHENS BAKING CO	Pacific Telephone
1933	ATHENS BAKING CO (THEO SPIROPOULOUS PETER HANGARES)	R. L. Polk & Co.
1928	to Bakery Co Theo Spiropoulos Peter Hangar 2s	R.L. Polk and Co of California
	Aronos Peter firemn R	R.L. Polk and Co of California
1925	NEW ATHENS BAKERY INC	R. L. Polk & Co. of California
1920	NEW ATHENS BAKERY INC	R. L. Polk & Co. of California

1652 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Witten Mitchell B Mary A real eat	R.L. Polk and Co of California
1920	MOODY S DAIRY LUNCH	R. L. Polk & Co. of California

1653 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MIKELL LEE	The Pacific Telephone & Telegraph Co.
1928	Hangaris Peter Helen Athens Bakery Co H	R.L. Polk and Co of California

1654 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	rf Josh E porter R	R.L. Polk and Co of California
	Phone Henry Anna rest R	R.L. Polk and Co of California

FINDINGS

1655 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	SUPREME LIBERTY LIFE INSURANCE CO	The Pacific Telephone & Telegraph Co.

1656 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	FULLER ETHEL R	The Pacific Telephone & Telegraph Co.
1943	Wady Flimie W Ima lab NSB r	R. L. Polk & Co.
	Sumlin Jas B shipydwkr r	R. L. Polk & Co.
	Munroe Rufus lab NSB r	R. L. Polk & Co.
	MACKEY Alphonse constwkr r	R. L. Polk & Co.
	BROOKS Isaac L lab NSB r	R. L. Polk & Co.
	Cox Henry r	R. L. Polk & Co.
	Fuller Wm L Ethel shipydwkr h	R. L. Polk & Co.
	Grant Wilbert lab NSB r	R. L. Polk & Co.
	JOHNSON John W photog r	R. L. Polk & Co.
1938	JOHNSTON J W R	Pacific Telephone
1933	HENY LAURA MRS DRSMKR R	R. L. Polk & Co.
	ELLIS EDW C MLDR H	R. L. Polk & Co.
	JOHNSTON JOHN W (FRANCES) PHOTOG	R. L. Polk & Co.
1928	N Mack Mildred porter R	R.L. Polk and Co of California
	h Jos A chauf R	R.L. Polk and Co of California
	Bell Albt G Marie porter H	R.L. Polk and Co of California

1657 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Curach Geo P Katy ydmn h	R. L. Polk & Co.
	Curach Mary clk r	R. L. Polk & Co.
1933	CURACK ANTHONY R	R. L. Polk & Co.
	CURACK GEO (KATH) TRUCK BLDR SPCO H	R. L. Polk & Co.
1928	Curach Michl car repr R	R.L. Polk and Co of California
	Curach Peter car repr R	R.L. Polk and Co of California
	Curach Peter Jr elk R	R.L. Polk and Co of California
	5th Mich I carp R	R.L. Polk and Co of California

1658 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	MCFARLIN S NEWS STAND	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Mc Farlin Oscar H Lillian P confr	R. L. Polk & Co.
1938	MCFARLIN S NEWS STAND	Pacific Telephone
1933	MCFARLIN OSCAR H (LILLIAN P) CONFR	R. L. Polk & Co.
1928	N Thaddeus barber R	R.L. Polk and Co of California
	Ledford Henry C barber R	R.L. Polk and Co of California
1925	DRAGON CAFE	R. L. Polk & Co. of California

1659 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Jurjevich Kataren M Eleanor hdw h	R. L. Polk & Co.
	Jurjevich Kate r	R. L. Polk & Co.
	Jurjevich Marko eng r	R. L. Polk & Co.
	Jurjevich Milena r	R. L. Polk & Co.
1933	JURJEVICH KATARIN M (JUVA) HDW	R. L. Polk & Co.
1928	Marco stdt R	R.L. Polk and Co of California
1925	JURJEVICH K M R	R. L. Polk & Co. of California

1660 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BELL M RAYFORD BERKELEY	Pacific Telephone Directory
	JENKINS BARBECUE	Pacific Telephone Directory
	JOHNSON IVORY MRS BERKELEY	Pacific Telephone Directory
1967	VACANT	R. L. Polk Co.
1955	BROWN BEN BERKELEY	The Pacific Telephone & Telegraph Co.
	CULBERTSON M P BERKELEY	The Pacific Telephone & Telegraph Co.
	WARE MELVIN BERKELEY	The Pacific Telephone & Telegraph Co.
1945	ATHENS MARKET	The Pacific Telephone & Telegraph Co.
1943	ATHENS Market Geo Mavrias Jas Tyrovolas meats	R. L. Polk & Co.
	Guches Wm A Sotiria gro	R. L. Polk & Co.
1938	ATHENS MARKET NO 1	Pacific Telephone
1933	KALSALIS ALEX MEATS	R. L. Polk & Co.
	PARIS & GUCHES (A C PARIS W A GUCHES) GRO	R. L. Polk & Co.
1928	Zahas & Paris P L Golfos Jas Zahas and Andw Paris gro	R.L. Polk and Co of California
	Kondikas Thos Alex Patsiaris & Co R	R.L. Polk and Co of California
	7th Alex & Co Alex and Thos Patsiaris and Thos 7th Kondikas meats	R.L. Polk and Co of California
1925	ATHENS MKT	R. L. Polk & Co. of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	ATHENS MKT	R. L. Polk & Co. of California

1661 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	JURJEVICH K M R	The Pacific Telephone & Telegraph Co.
1945	JURJEVICH K M R	The Pacific Telephone & Telegraph Co.
1943	Jurjevich Kataren M Eleanor hdw	R. L. Polk & Co.
1933	JURJEVICH KATARIN M (JUVA) HDW	R. L. Polk & Co.
1928	Jurjevich Katarin M Zuva hdw	R.L. Polk and Co of California

1662 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WILLIAMS EMMA	Pacific Telephone Directory
1967	JOHNSON HERBERT E	R. L. Polk Co.
1933	ZARAFONITES ANARGYROS BAKERY	R. L. Polk & Co.
1928	Gazis John Staveroula soft drinks	R.L. Polk and Co of California

1664 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	NO RETURN	R. L. Polk Co.
1955	BEULAH CLUB	The Pacific Telephone & Telegraph Co.
	WARREN W F MRS BEULAH CLUB	The Pacific Telephone & Telegraph Co.
1928	Valdez Oscar H Lillian P H	R.L. Polk and Co of California
	Andros Gus B Marle tailo R	R.L. Polk and Co of California
1925	ARCADIA BAKERY CO	R. L. Polk & Co. of California

1668 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Louis Gus car clnr R	R.L. Polk and Co of California
	Giorgakopoulos Wm car repr R	R.L. Polk and Co of California
	Georgakopoulos Wm car clnr R	R.L. Polk and Co of California
	Manos Angelos soft drinks	R.L. Polk and Co of California

1670 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	TUCKER CLIFTON	The Pacific Telephone & Telegraph Co.
1933	RIVERA CARLOR CLK R	R. L. Polk & Co.
	RIVERA ASUNCION (FELISITAS) LAB H	R. L. Polk & Co.
	GONZALEZ PASQUAL PNTR R	R. L. Polk & Co.
1928	Ribera Asuncion lab R	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	7th Thos Alex Patsiaris & Co R	R.L. Polk and Co of California

1671 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	HOWARD S SHELL STN	The Pacific Telephone & Telegraph Co.
1945	BARFIELD D	The Pacific Telephone & Telegraph Co.
1943	Bilicich Nick Charlotte gas sta	R. L. Polk & Co.
1933	SHELL SERVICE INC	R. L. Polk & Co.

1673 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	SHELL COMPANY OF CALIFORNIA	R. L. Polk & Co. of California

7th St

1675 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CONSULAR AFFAIRS BUREAU OF	EDR Digital Archive
	UNITED STATES POSTAL SERVICE	EDR Digital Archive
	STRIVING 4 SUCCESS	EDR Digital Archive
	UNITED STATES POSTAL SERVICE	EDR Digital Archive
	CONSULAR AFFAIRS BUREAU OF	EDR Digital Archive
	STRIVING 4 SUCCESS	EDR Digital Archive
2010	UNITED STATES POSTAL SERVICE	EDR Digital Archive
	PASSPORT ACCEPTNCE FCLTY OAKLA	EDR Digital Archive
	OAKLAND P & DC	EDR Digital Archive
	BAY FOOD COMPANY INC	EDR Digital Archive
	US POST OFFICE	EDR Digital Archive
	UNITED STATES POSTAL SERVICE	EDR Digital Archive
	BAY FOOD COMPANY INC	EDR Digital Archive
	PASSPORT ACCEPTNCE FCLTY OAKLA	EDR Digital Archive
	OAKLAND P & DC	EDR Digital Archive
	US POST OFFICE	EDR Digital Archive

7TH ST

1675 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	EXAMINATIONS	Haines Company, Inc.
	US PSTL EMP	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Rest AURANT	Haines Company, Inc.
	FResh & NATURAL	Haines Company, Inc.
2000	CAFETERIA OF POST OFFICE	Pacific Bell
	UNITED STATES GOVERNMENT	Pacific Bell
1996	UNITED STATES GOVERNMENT	PACIFIC BELL DIRECTORY
1992	UNITED STATES GOVERNMENT	PACIFIC BELL DIRECTORY
	CANTEEN CO	PACIFIC BELL DIRECTORY
1975	BILTWELL DEVELOPMENT CO	Pacific Telephone
1970	UNITED STATES GOVERNMENT	Pacific Telephone Directory
	UNITED STATES GOVERNMENT	Pacific Telephone Directory
	AEROJET GENERAL CORP INDUSTRIAL SYSTEMS DIV	Pacific Telephone Directory
	F & M AUTOMATION CO	Pacific Telephone Directory
	UNITED STATES GOVERNMENT	Pacific Telephone Directory
	UNITED STATES GOVERNMENT	Pacific Telephone Directory
1967	ARCHT	R. L. Polk Co.
	SILBERBLATT S S INC BLDG CONTR	R. L. Polk Co.
	STONE MARRACCINO & PATTERSON	R. L. Polk Co.
1943	Tidland Lyle E Mildred clk h	R. L. Polk & Co.

1677 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	CONRAD Francis May B elect equip	R. L. Polk & Co.
1925	QUALITY SODA WORKS	R. L. Polk & Co. of California

1678 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	FORTY-NINER CAFE	The Pacific Telephone & Telegraph Co.
1943	Boulter Frank Farana restr	R. L. Polk & Co.
1933	FAKOURY LOUIS GRO	R. L. Polk & Co.
	HARTJE HERMAN MEATS BERKELEY	R. L. Polk & Co.
1920	WHITE A H FUEL FEED & EXP	R. L. Polk & Co. of California

1680 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Wright Frank barber	R. L. Polk & Co.
1933	GOBOFF ANTONE WATCH REPR	R. L. Polk & Co.
1928	Melliras Geo K Sarah tailo R	R.L. Polk and Co of California

FINDINGS

7th St

1682 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OAKLAND COMMUNITY HOUSING MGT	EDR Digital Archive
	OAKLAND COMMUNITY HOUSING MGT	EDR Digital Archive
2010	OAKLAND COMMUNITY HOUSING MGT	EDR Digital Archive
	OAKLAND COMMUNITY HOUSING MGT	EDR Digital Archive

7TH ST

1682 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	PERRYS CAFE	R. L. Polk Co.
1955	KIT KAT CLUB	The Pacific Telephone & Telegraph Co.
1943	Gazis John G Stavrola restr	R. L. Polk & Co.
1933	GAGIS JOHN RESTR	R. L. Polk & Co.
1928	ment Geo car clnr R	R.L. Polk and Co of California
	Lalantonis Emanuel J Marie barbe R	R.L. Polk and Co of California
	Chase & Petros W J Andronis and H O Pteirca soft drinks	R.L. Polk and Co of California
1925	LALANTONIS E J	R. L. Polk & Co. of California

7th St

1684 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	GOODWILL INDUSTRIES OF	EDR Digital Archive
	GOODWILL INDUSTRIES OF	EDR Digital Archive

7TH ST

1684 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GOODWILLJOB	Haines Company, Inc.
	TRNG&PLACEMENT	Haines Company, Inc.
2000	GOODWILL JOB TRAINING & PLACEMENT CENTERS	Pacific Bell
1996	GOODWILL JOB PLACEMENT CENTER	PACIFIC BELL DIRECTORY
1970	WHITE S POOL ROOM	Pacific Telephone Directory
1967	WHITES POOL HALL	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	HOWARD POOL HALL	The Pacific Telephone & Telegraph Co.
1945	DALY CLEOPHIS BILRD PRLR	The Pacific Telephone & Telegraph Co.
1943	Dailey Thos Myrtle billiards	R. L. Polk & Co.
1938	DALY CLEOPHIS BILLIARD PARLOR	Pacific Telephone
1933	SEVENTH STREET MISSION	R. L. Polk & Co.
1928	Cato Bros Wmi and J J billiards	R.L. Polk and Co of California
	Park Vito Philemina shoe shiner	R.L. Polk and Co of California

1686 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	CLUB FORTY-NINER	Pacific Telephone
1970	CLUB FORTY NINE	Pacific Telephone Directory
1967	CLUB FORTY NINE TAVERN	R. L. Polk Co.
1962	Club Forty Nine	Pacific Telephone
1955	CLUB FORTY NINE	The Pacific Telephone & Telegraph Co.
1945	LA LANTONIS GEORGE R	The Pacific Telephone & Telegraph Co.
1943	Lalantonis Geo Tasia barber	R. L. Polk & Co.
1933	LALANTONIS BROS (GEO AND E J LALANTONIS) BARBERS	R. L. Polk & Co.

1688 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MOONS BUY & SELL 20 HAND MDSE	R. L. Polk Co.
1943	DOVER Priestley Goldie shoe shiner	R. L. Polk & Co.
	Cornelius John H Virginia B clo clnr	R. L. Polk & Co.
1938	FORTY-NINER CAFE	Pacific Telephone
1928	Utsunomuya Roy rest R	R.L. Polk and Co of California
1925	NESTOR GRILL	R. L. Polk & Co. of California
1920	NESTOR GRILL	R. L. Polk & Co. of California

1689 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	De Shay Odis V clo clnr	R. L. Polk & Co.
1938	TOGO LAUNDRY	Pacific Telephone
1933	TOGO LAUNDRY	R. L. Polk & Co.

1690 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	DANGOTT MORRIS R	The Pacific Telephone & Telegraph Co.
1943	Dangott Morris Hilda L tailor	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	DANGOTT MORRIS R	Pacific Telephone
1933	DANGOTT MORRIS (HILDA) TAILOR	R. L. Polk & Co.
1928	Dangott Morris Hindan L tailo R	R.L. Polk and Co of California
1925	DANGOTT MORRIS R	R. L. Polk & Co. of California
1920	GLASER I R	R. L. Polk & Co. of California

1691 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	PAPPAS JOS COOK R	R. L. Polk & Co.
1925	TOGO LAUNDRY THE	R. L. Polk & Co. of California
1920	TOGO LAUNDRY THE	R. L. Polk & Co. of California

1692 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Moons Buy & Sell	Pacific Telephone
	Dabney Muller Moons Buy & Sell	Pacific Telephone
1955	MOON S BUY & SELL	The Pacific Telephone & Telegraph Co.
	DABNEY MULLER MOON S BUY & SELL	The Pacific Telephone & Telegraph Co.
1943	COLLINS John H billiards	R. L. Polk & Co.
1938	YAMAUCHI T R	Pacific Telephone
1933	YAMAUCHI KINO MRS CLO CLNR	R. L. Polk & Co.
1928	Yamauchi Kino do cln R	R.L. Polk and Co of California
	Shiozawa K shoe repr	R.L. Polk and Co of California
1925	YAMAUCHI T R	R. L. Polk & Co. of California
1920	YAMAUCHI T R	R. L. Polk & Co. of California

1693 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WILLOW HOTEL	The Pacific Telephone & Telegraph Co.
1945	JAMES JOSEPHINE MRS R	The Pacific Telephone & Telegraph Co.
1943	Lebeau Josephine Mrs furn rms	R. L. Polk & Co.
	Harding Wm Birdie shipydwkr r	R. L. Polk & Co.
	ELLIS Robt shipydwkr r	R. L. Polk & Co.
	BRADY Nathaniel Mabel r	R. L. Polk & Co.
	Brodie Leroy r	R. L. Polk & Co.
	Yates Earl shipydwkr r	R. L. Polk & Co.
1938	JAMES JOSEPHINE MRS R	Pacific Telephone
1925	MCNICHOLS ELIZABETH R	R. L. Polk & Co. of California

FINDINGS

1694 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	GEORGES DOGGIE RESTR	R. L. Polk Co.
1962	Georges Doggie	Pacific Telephone
1945	DOUG S SMOKE SHOP	The Pacific Telephone & Telegraph Co.

1695 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Cofield Wm M Daisy R barbe R	R.L. Polk and Co of California
1920	DEL BONTA BROS SANSAGE FCTY	R. L. Polk & Co. of California

1696 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	SILVERMAN Nate shoe repr	R. L. Polk & Co.

1697 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LEADER AUTO SUPPLY	The Pacific Telephone & Telegraph Co.
1943	Miles Wm restr	R. L. Polk & Co.
1933	DAILEY THOS POOL RM	R. L. Polk & Co.
1928	Harrell Albt billiards	R.L. Polk and Co of California
1920	BRUSCHINI A	R. L. Polk & Co. of California

7th St

1698 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	CANTON CITY RESTAURANT	EDR Digital Archive
	CANTON CITY RESTAURANT	EDR Digital Archive

7TH ST

1698 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	L & A LIQUOR	Pacific Telephone
1970	PRECISELY LIQUORS	Pacific Telephone Directory
1967	PRECISLEY LIQUORS	R. L. Polk Co.
1962	Precisely Liquors	Pacific Telephone
1955	WILLOW LIQUORS	The Pacific Telephone & Telegraph Co.
1943	Tompach Fred C Mary gro	R. L. Polk & Co.
1938	GOLDEN WEST MEAT MKT	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	TOMPACH FRED C (MARY) MEATS	R. L. Polk & Co.
1928	Tompach Fred C Mary meats	R.L. Polk and Co of California
1925	GOLDEN WEST MEAT MKT	R. L. Polk & Co. of California
1920	LEKORENGOS & PAPONIS MEAT MKT	R. L. Polk & Co. of California

1700 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	MITCHELL WILMA S	Pacific Telephone
1970	MITCHELL WILMA S BERKELEY	Pacific Telephone Directory
1945	WILLIAMSON MARY A R BERKELEY	The Pacific Telephone & Telegraph Co.

1701 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	GOLDEN GATE KEY & LOCK CO	The Pacific Telephone & Telegraph Co.
	DOWNTOWN LOCKSMITH	The Pacific Telephone & Telegraph Co.
	SCOTT EDWIN L JR GOLDEN GATE KEY & LOCK CO	The Pacific Telephone & Telegraph Co.
1945	PHILLIPS WAFFLE SHOP	The Pacific Telephone & Telegraph Co.
1943	Overhauser Floyd D Barbara USCG h	R. L. Polk & Co.
1928	Big Four Whist Club	R.L. Polk and Co of California
	ti Geo soft drinks	R.L. Polk and Co of California

1702 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	JACKSON K BERKELEY	Pacific Telephone Directory
1962	Thomas Clothiers	Pacific Telephone
	Thomas Chas Thomas Clthrs	Pacific Telephone
1955	THRIFT CENTER DRUGS	The Pacific Telephone & Telegraph Co.
	JACKSON K R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	SANDELIN DRUG CO	The Pacific Telephone & Telegraph Co.
	JACKSON K R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Frisch Oswald H C Mildred drugs	R. L. Polk & Co.
1938	SANDELIN DRUG CO	Pacific Telephone
1933	SANDELIN DRUG CO (O H C AND MILDRED E FRISCH)	R. L. Polk & Co.
1928	rt Drug Co Oswald Frisch	R.L. Polk and Co of California
1925	SANDELIN DRUG CO	R. L. Polk & Co. of California
1920	SANDELIN DRUG CO	R. L. Polk & Co. of California

FINDINGS

1703 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	HONG SING RESTAURANT	The Pacific Telephone & Telegraph Co.
1943	Lew Jas restr	R. L. Polk & Co.
1938	LEW JAMES R HONG KONG RESTAURANT	Pacific Telephone Pacific Telephone
1933	HONGKONG RESTAURANT	R. L. Polk & Co.
1928	Lew Pay rest R	R.L. Polk and Co of California
1920	COTTON REV HENRY C R	R. L. Polk & Co. of California

1704 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	SCOGGINS SUDIE LEE BERKELEY	Pacific Telephone Directory
1967	PERRY BOOKER S	R. L. Polk Co.
1962	Perrys Barbecue Pit	Pacific Telephone
1955	SIMPSON L I BERKELEY	The Pacific Telephone & Telegraph Co.
1945	HARVEY S REX CLUB	The Pacific Telephone & Telegraph Co.
1943	Cabibi John J Frances confy	R. L. Polk & Co.
1928	Goatze Armour C Theophlle Harrison & Ooff H in T Harrison & Goff R Regal & Goff T Harrison A C Goff barbers	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California
1925	MAIN EVENT THE	R. L. Polk & Co. of California

1705 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Lew Pay rest R H	R.L. Polk and Co of California R.L. Polk and Co of California

1706 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BROWN FELIX BERKELEY	Pacific Telephone Directory
1967	DANIELS WALTER	R. L. Polk Co.
1962	Rex Club	Pacific Telephone
1955	CHANG JIMMY R BERKELEY REX CLUB THE	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1945	WOLF M P R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Lewis Sadie Mrs restr Burnette Robt shoe shiner	R. L. Polk & Co. R. L. Polk & Co.
1933	WALTER WM H RESTR	R. L. Polk & Co.
1925	POT ROAST RESTAURANT	R. L. Polk & Co. of California

FINDINGS

1708 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	YOSHIOKA KAY R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	ALARIE A J R BERKELEY	The Pacific Telephone & Telegraph Co.
1928	Radimir Georgia Mrs drsmk R	R.L. Polk and Co of California
1920	GOLDEN WEST MEAT MKT	R. L. Polk & Co. of California

1710 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BILL S UNION 76 SERVICE	Pacific Telephone Directory
1967	BILL & NEALS SERVICE STATION	R. L. Polk Co.
1955	BUY & SELL STORE	The Pacific Telephone & Telegraph Co.
1945	BUY & SELL STORE	The Pacific Telephone & Telegraph Co.
1943	Thomas Chas B Rosa tailor	R. L. Polk & Co.
1928	Romley Shadd T Afefev gro	R.L. Polk and Co of California
1925	ROMLEY S T GROC	R. L. Polk & Co. of California

1711 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	CHRIST HOLY SANCTIFIED CHURCH	The Pacific Telephone & Telegraph Co.
1943	CHRIST Sanctified Holy Church Rev Geo King pastor	R. L. Polk & Co.

1712 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	REX RECORD SHOP	The Pacific Telephone & Telegraph Co.
1943	Fakoury Fred A Adele mens furngs	R. L. Polk & Co.
1933	FAKOURY FRED A (ADELE) DRY GDS	R. L. Polk & Co.
1928	FAKOURY N & Bro Nich and F A Pakoury drygds	R.L. Polk and Co of California

1713 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	MOON DAN R	The Pacific Telephone & Telegraph Co.
1943	Walton Georgia maid r	R. L. Polk & Co.

1714 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	JONES SMOKE SHOP	The Pacific Telephone & Telegraph Co.
1943	Gray Oscar cigars	R. L. Polk & Co.
1933	FARIA GEO G (REBENA) BARBER	R. L. Polk & Co.
1925	EXCELSIOR CLOTHING CO	R. L. Polk & Co. of California

FINDINGS

1715 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ALLENE S BARBER SHOP	The Pacific Telephone & Telegraph Co.
1943	BRIGGS Ellsworth Eola barber	R. L. Polk & Co.
1925	SMITH T E INS	R. L. Polk & Co. of California

1716 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	DELLUMS C L BROTHERHOOD OF SLEEPING CAR PORTERS	Pacific Telephone
	BROTHERHOOD OF SLEEPING CAR PORTERS	Pacific Telephone
1970	DELLUMS C L BROTHERHOOD OF SLEEPING CAR PORTERS	Pacific Telephone Directory
	BROTHERHOOD OF SLEEPING CAR PORTERS	Pacific Telephone Directory
1967	PORTERS UNION ORG	R. L. Polk Co.
	BROTHERHOOD OF SLEEPING CAR	R. L. Polk Co.
1962	Dellums C L Brotherhood of Sleeping Car Porters	Pacific Telephone
	Brotherhood of Sleeping Car Porters	Pacific Telephone
1955	BROTHERHOOD OF SLEEPING CAR PORTERS	The Pacific Telephone & Telegraph Co.
	DELLUMS C L BROTHERHOOD OF SLEEPING CAR PORTERS	The Pacific Telephone & Telegraph Co.
	WILSON HENRY H R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	BROTHERHOOD OF SLEEPING CAR PORTERS	The Pacific Telephone & Telegraph Co.
	DELLUMS C L BROTHERHOOD OF SLEEPING CAR PORTERS	The Pacific Telephone & Telegraph Co.
1943	Brotherhood of Sleeping Car Porters C L Dellums sectreas	R. L. Polk & Co.
1938	BROTHERHOOD OF SLEEPING CAR PORTERS	Pacific Telephone
	DELLUMS C L BROTHERHOOD OF SLEEPING CAR PORTERS	Pacific Telephone
1928	cock Rosa Mrs H	R.L. Polk and Co of California
1925	ROBINSON HATTIE R	R. L. Polk & Co. of California
1920	ROBINSON HATTIE R	R. L. Polk & Co. of California

1717 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Mc DONALD Chas r	R. L. Polk & Co.
	KING M L r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Kirkwood Hill r	R. L. Polk & Co.
	KING W L r	R. L. Polk & Co.
	VAUGHN Johnie r	R. L. Polk & Co.
	Taylor Leon V r	R. L. Polk & Co.
	SMITH Louise r	R. L. Polk & Co.
	Patton Milford r	R. L. Polk & Co.
	Mothershed Theresa Mrs r	R. L. Polk & Co.
	Mothershed C D r	R. L. Polk & Co.
	Willis Geo T r	R. L. Polk & Co.
	MOORE Harvey B r	R. L. Polk & Co.
	Mc Kinney Wm H r	R. L. Polk & Co.
	Bayley Nathan r	R. L. Polk & Co.
	Breedlove Nathan r	R. L. Polk & Co.
	Brown Sterling P confr r	R. L. Polk & Co.
	Hardy Manuel r	R. L. Polk & Co.
	Love W L r	R. L. Polk & Co.
1928	F Frank lab H	R.L. Polk and Co of California
1920	STOKES MINNIE R	R. L. Polk & Co. of California

1718 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	PORTER E VAN NOCKAY BERKELEY	Pacific Telephone Directory
	PORTER J NORMAN MRS BERKELEY	Pacific Telephone Directory
1955	PORTER J NORMAN MRS BERKELEY	The Pacific Telephone & Telegraph Co.
1945	RAMSEY JAMES E R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	DELLUMS COTTRELL L BILLIARDS	R. L. Polk & Co.
1928	Eugene Chas billiards	R.L. Polk and Co of California
	B Clifford R asther cigars	R.L. Polk and Co of California
1925	STAG THE	R. L. Polk & Co. of California
1920	LETT & FISHER CAFE	R. L. Polk & Co. of California

1720 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	MABRY WM	Pacific Bell
	JOHN SINGER S ON 7TH STREET	Pacific Bell
1996	JOHN SINGER S ON 7TH STREET	PACIFIC BELL DIRECTORY
	MABRY WM	PACIFIC BELL DIRECTORY
1992	MABRY WM	PACIFIC BELL DIRECTORY

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	JOHN SINGER S ON 7TH STREET	PACIFIC BELL DIRECTORY
1970	DUNCAN IVY R BERKELEY	Pacific Telephone Directory
	JOHN SINGER S ON 7TH STREET	Pacific Telephone Directory
	SINGER JOHN SINGER S ARCADE & CAFE	Pacific Telephone Directory
	SINGER S ARCADE & CAFE	Pacific Telephone Directory
1967	SINGERS ARCADE & CAFE RESTR	R. L. Polk Co.
	REAR SINGER JOHN	R. L. Polk Co.
1962	Singer John Singers Arcade & Cafe	Pacific Telephone
	Singers Arcade & Cafe	Pacific Telephone
1955	EMBERS JULIUS W BERKELEY	The Pacific Telephone & Telegraph Co.
	SINGER JOHN	The Pacific Telephone & Telegraph Co.
	SINGER JOHN	The Pacific Telephone & Telegraph Co.
	SINGER JOHN SINGER S POOL ROOM	The Pacific Telephone & Telegraph Co.
	SINGER S POOL ROOM	The Pacific Telephone & Telegraph Co.
1945	SINGER JOHN SINGER S CHILL PARLOR	The Pacific Telephone & Telegraph Co.
	CIRO S CAFE	The Pacific Telephone & Telegraph Co.
	CIRO S COCKTAIL LOUNGE	The Pacific Telephone & Telegraph Co.
	PORTER FRANK R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Singer Vesta waiter John Singer r	R. L. Polk & Co.
	Singer John Roberta restr	R. L. Polk & Co.
	Boldridge Matthew Georgia barber	R. L. Polk & Co.
1933	JONES CHAS CONFY	R. L. Polk & Co.
1928	Laios ius P Irene conf R	R.L. Polk and Co of California
	WWm barbe R	R.L. Polk and Co of California
1920	BROWN BROS	R. L. Polk & Co. of California

1722 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	HARVEY LIQUORS	R. L. Polk Co.
1962	Pullman Liquor Store	Pacific Telephone
1955	PULLMAN LIQUOR STORE	The Pacific Telephone & Telegraph Co.
1945	PULLMAN LIQUOR STORE	The Pacific Telephone & Telegraph Co.
1943	BRUNK Rose M Mrs liquors	R. L. Polk & Co.
1938	PULLMAN LIQUOR STORE	Pacific Telephone
1933	KOUROUPAKIS THEROS SHOE REPR	R. L. Polk & Co.
1928	dale Wilette pub staon	R.L. Polk and Co of California
1920	MAIN EVENT THE	R. L. Polk & Co. of California

FINDINGS

7th St

1724 7th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ESTHERS BREAKFAST LOUNGE	EDR Digital Archive
	ESTHERS BREAKFAST LOUNGE	EDR Digital Archive
2010	ESTHERS BREAKFAST LOUNGE	EDR Digital Archive
	C & C COOKING ROOM	EDR Digital Archive
	ESTHERS BREAKFAST LOUNGE	EDR Digital Archive
	C & C COOKING ROOM	EDR Digital Archive

7TH ST

1724 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HATCHETT Walter	Haines Company, Inc.
	ESTHERSBRKFST	Haines Company, Inc.
	CLB&COCKTLNG	Haines Company, Inc.
2000	HATCHETT WALTER	Pacific Bell
	ESTHER S BREAKFAST CLUB & COCKTAIL LOUNGE	Pacific Bell
1996	ESTHER S BREAKFAST CLUB & COCKTAIL LOUNGE	PACIFIC BELL DIRECTORY
1992	ESTHER S BREAKFAST CLUB & LIQUOR STORE	PACIFIC BELL DIRECTORY
	MAYOLA S KITCHEN CATERING SERVICE	PACIFIC BELL DIRECTORY
1991	Esthers Breakfast Club & Liquor Store	PACIFIC BELL WHITE PAGES
1975	DINING CAR COOKS & WAITERS RECREATION HALL	Pacific Telephone
	DINING CAR COOKS & WAITERS UNION LOCAL 456	Pacific Telephone
	NEW HARVEY S	Pacific Telephone
1970	HARVEY S	Pacific Telephone Directory
	HARVEY S LIQUORS	Pacific Telephone Directory
1967	HARVEYS TAVERN	R. L. Polk Co.
1962	Harveys	Pacific Telephone
1955	HARVEY S RSTRNT	The Pacific Telephone & Telegraph Co.
	MCDANIELS JAS BERKELEY	The Pacific Telephone & Telegraph Co.
1945	CAREY RAY R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Anderson Chas D Lillian M shipydwkr r	R. L. Polk & Co.
	Blackman Wm shipydwkr r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Callaway Isaac F shipydwkr r	R. L. Polk & Co.
	Coleman Frank J Genevieve M tailor h	R. L. Polk & Co.
	Jefferson Jos waiter h	R. L. Polk & Co.
	Jones Clifton restr	R. L. Polk & Co.
1933	ARMELLI HELEN (WID MANSUR) DRY GDS	R. L. Polk & Co.
1928	Armelli Jos M drygds	R.L. Polk and Co of California

1726 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MU DEAR S KITCHEN	Pacific Bell
1996	MU DEAR S KITCHEN	PACIFIC BELL DIRECTORY
1992	BARN THE	PACIFIC BELL DIRECTORY
1975	ESTHER S BREAKFAST CLUB & COCKTAIL LOUNGE	Pacific Telephone
1970	EVA S DINER	Pacific Telephone Directory
1967	MC KINNLEY ROLLAND	R. L. Polk Co.
1955	DEWITT S SNACK BAR	The Pacific Telephone & Telegraph Co.
1945	NO DELAY SHINE PARLOR	The Pacific Telephone & Telegraph Co.
1943	Coleman Frank J Genevieve M tailor	R. L. Polk & Co.
1938	YOKOHAMA LAUNDRY	Pacific Telephone
1933	KONDO SEKI LNDY	R. L. Polk & Co.
1928	Kano I Indy	R.L. Polk and Co of California
1925	KANO T R	R. L. Polk & Co. of California
1920	KANO T R	R. L. Polk & Co. of California

1638A 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	COOK JOHN BERKELEY	Pacific Telephone Directory

1660B 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	HUNTER S L BERKELEY	The Pacific Telephone & Telegraph Co.

1701A 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PILLARS LEOLA R	The Pacific Telephone & Telegraph Co.

1557 1/2 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	GRACIA FRANK BARBER	R. L. Polk & Co.

FINDINGS

1568 1/2 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	GALBON JOSE (MARY) LAB H	R. L. Polk & Co.

8TH ST

1570 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Foster John T Willie shipydwkr h	R. L. Polk & Co.

1571 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	PALMER LONNIE BERKELEY	Pacific Telephone Directory
1955	JACKSON E MRS BERKELEY	The Pacific Telephone & Telegraph Co.
1945	FRIEDRICHS T J R BERKELEY	The Pacific Telephone & Telegraph Co.

1572 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Engdol Otto G Susan police OPD h	R. L. Polk & Co.

1584 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	DORSEY CLIFTON	R. L. Polk Co.

1600 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	F & W Market	Pacific Telephone
1943	Chun Owyang gro	R. L. Polk & Co.
	Ray Jos Aileen jwlr h	R. L. Polk & Co.
1928	BrooklynFrank J furnrepr	R.L. Polk and Co of California
1925	WILLIAMS L R TAILOR	R. L. Polk & Co. of California

1602 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	OWYANG PATRICK R	The Pacific Telephone & Telegraph Co.
1945	OWYANG PATRICK R	The Pacific Telephone & Telegraph Co.
1943	Brown Robt N Wilma shipydwkr h	R. L. Polk & Co.
	Chun Owyang gro h	R. L. Polk & Co.
1933	PARKER EYIRUS (LOUISE) PORTER H	R. L. Polk & Co.
	STEELE ELLA (WID H) R	R. L. Polk & Co.
	WILKINSON JOHN COOK R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	teria Jos mach R	R.L. Polk and Co of California
	way Julia E Mrs H	R.L. Polk and Co of California
	Margt Melvina dom	R.L. Polk and Co of California
	r Jos lab R	R.L. Polk and Co of California
	Pub Delia Mrs R	R.L. Polk and Co of California
1925	PRICE MISS HATTIE A	R. L. Polk & Co. of California

1603 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BROWN MINNIE MISS BERKELEY	Pacific Telephone Directory
1955	BROWN MINNIE MISS R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	BROWN MINNIE MISS R BERKELEY	The Pacific Telephone & Telegraph Co.

1604 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	r Philosophical Church Rev Mrs Ada Wilaon	R.L. Polk and Co of California

1605 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MULA CRYSTLE L BERKELEY	Pacific Telephone Directory
1955	MULA CRYSTLE L R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	MULA LOUIE S R BERKELEY	The Pacific Telephone & Telegraph Co.

1606 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Winston Margaret	Pacific Telephone
	Winston Christine	Pacific Telephone
1955	WILLIAMS ROBT	The Pacific Telephone & Telegraph Co.
1945	GARDNER ANNA L R	The Pacific Telephone & Telegraph Co.
1943	Mann Wm R Winnie D shipydwr h	R. L. Polk & Co.
	Gardner Arth Ella jan h	R. L. Polk & Co.
1938	GARDNER ANNA L R	Pacific Telephone
1933	GARDNER ARTH (ANNA) JAN H	R. L. Polk & Co.
	SMITH WM JAN R	R. L. Polk & Co.
1928	Corp Jacob plst R	R.L. Polk and Co of California

1607 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HOLYTRI Nw YCH	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GOD IN CHRIST	Haines Company, Inc.
2000	TRINITY MISSIONARY BAPTIST CHURCH	Pacific Bell
1996	TRINITY MISSIONARY BAPTIST CHURCH	PACIFIC BELL DIRECTORY
1992	TRINITY BAPTIST CHURCH	PACIFIC BELL DIRECTORY
1991	Trinity Baptist Church	PACIFIC BELL WHITE PAGES
1986	Trinity Baptist Church	PACIFIC BELL WHITE PAGES
1980	Trinity Baptist Church	Pacific Telephone
1970	TRINITY BAPTIST CHURCH	Pacific Telephone Directory
1967	TRINITY BAPTIST CHURCH	R. L. Polk Co.
1962	Trinity Baptist Church	Pacific Telephone
1943	Church of God in Christ	R. L. Polk & Co.

1608 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	CORONA RAMON F BERKELEY	Pacific Telephone Directory
1955	CORONA F R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Apostolic Faith Assembly	R. L. Polk & Co.
1933	GILBERT CHAS P (ETHEL) H BERKELEY	R. L. Polk & Co.
	APOSTOLIC FAITH ASSEMBLY (COLORED)	R. L. Polk & Co.
1928	w Arch W AKale I alun pnr IB	R.L. Polk and Co of California
	Stollanmayer Wm R	R.L. Polk and Co of California
	Komes Andw mach R	R.L. Polk and Co of California
1925	NAILOR A J	R. L. Polk & Co. of California
	ZANOL EMPORIUM THE	R. L. Polk & Co. of California

1609 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	VAUGHAN THORNTON BERKELEY	Pacific Telephone Directory
1955	SATO LARRY T R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	ALLAN ARTHUR C R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	CHURCH OF GOD IN CHRIST REV S W HARRISON PASTOR	R. L. Polk & Co.

1610 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Palmer Jasper Elder	Pacific Telephone
1945	NELSON E R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	STEWART ALICE R	The Pacific Telephone & Telegraph Co.
1943	BROWN Frances wid Edw r Smith Dorothy Mrs h	R. L. Polk & Co. R. L. Polk & Co.
1938	SMITH DOROTHY R	Pacific Telephone
1933	SHEPPARD JULIA (WID JOHN) H OLSEN THEO SWCHMN R	R. L. Polk & Co. R. L. Polk & Co.
1928	N Julia wid John H H Theo ydmn R Feles Peter car clnr R	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California

1612 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Fong Jang Kay	Pacific Telephone
1955	FONG JANG KAY R	The Pacific Telephone & Telegraph Co.
1945	FONG JANG KAY R	The Pacific Telephone & Telegraph Co.
1943	Mattos Antone Virginia formn MDDCo h	R. L. Polk & Co.
1938	FONG JANG KAY R	Pacific Telephone
1933	GIPPERT JOHN C (HELEN) LAB H BERKELEY	R. L. Polk & Co.

1613 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BOOKER JAS W BERKELEY	Pacific Telephone Directory
1967	STEPHENS ODELL MRS	R. L. Polk Co.
1962	Lynch Ida Stephenson Lawrence	Pacific Telephone Pacific Telephone
1955	REEVES SYLVESTER R WILKERSON S HAMBURGERS ASAMI YORK BERKELEY	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1945	SMITH JODIE MRS R SHERBOURNE JOHN N R BERKELEY	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1943	Smith Jodie Mrs h Bowen Alonzo whsmn r	R. L. Polk & Co. R. L. Polk & Co.
1928	Seminary Thos F evangelist R av Chester Loverta lab H Gambles Julia R B Emma Rev pastor Church of God in Christ Pentecostal H of God In Christ Pentecostal Rev Elmmnia Cotton pasto R	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	COTTON MRS REV HENRY C R	R. L. Polk & Co. of California
1920	JONES J A R	R. L. Polk & Co. of California

1614 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Chung Kee Fong h	R. L. Polk & Co.
1933	ARBUCKLE JOSEPHINE MRS R	R. L. Polk & Co.
	CONNORS EDNA MAID R	R. L. Polk & Co.
	GEORGE RANSOM (NANCY) LAB H	R. L. Polk & Co.
	WILSON ADA MRS H	R. L. Polk & Co.
	JOHNSON JESSIE MRS COOK R	R. L. Polk & Co.
1928	14th Edw Ulerdean waiter H	R.L. Polk and Co of California
	Best Ada Mrs H	R.L. Polk and Co of California
1925	RUCKER CHAS B R	R. L. Polk & Co. of California
1920	LUDLOW MRS M J R	R. L. Polk & Co. of California

1615 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CEL ARC 6 RSTN	Haines Company, Inc.
	MNSTRS FLLWSHP	Haines Company, Inc.
	GRIFFITHSB 6dan	Haines Company, Inc.
1970	PLUMMER WALTER A ALAMEDA	Pacific Telephone Directory
1967	BENNETT LAWRENCE	R. L. Polk Co.
1955	BENNETT LAWRENCE MRS R	The Pacific Telephone & Telegraph Co.
	PLUMMER W A R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	HAWKER W H R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	De Polo Anthony V Juanita driver h	R. L. Polk & Co.
1933	ALTON JOHN CHAUF R	R. L. Polk & Co.
	BENNETT LAWRENCE (ELDORA) PORTER H	R. L. Polk & Co.
	BOELL FRANK SLSMN W A ROUSE & CO R ALAMEDA	R. L. Polk & Co.
	FENTIS IZEANA COOK R	R. L. Polk & Co.
	JOHNSON LAURA MAID R	R. L. Polk & Co.
	MARTINI NATHAN SLSMN H ALAMEDA	R. L. Polk & Co.
1928	Catley Thos Alberta pntr H	R.L. Polk and Co of California
	Vista Minervia B wid Prank J R	R.L. Polk and Co of California
	Cadley Thos C Alberta L lab H	R.L. Polk and Co of California
1925	WISMER E W R	R. L. Polk & Co. of California

FINDINGS

1616 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DOBBERT H F R ALAMEDA	The Pacific Telephone & Telegraph Co.
1933	REIMER PAUL F G (ADELE B) IRONWKR H ALAMEDA	R. L. Polk & Co.
	REIMER ELSIE W CLK R ALAMEDA	R. L. Polk & Co.
	REIMER CLARENCE R ALAMEDA	R. L. Polk & Co.
	HELVEY ELMER (B SADIE) H BERKELEY	R. L. Polk & Co.
1928	Hartwigsen Peter M Edith M H	R.L. Polk and Co of California
1925	HARTWIGSEN P M R	R. L. Polk & Co. of California

1617 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	KERN P L ALAMEDA	Pacific Telephone Directory
	SHOVAN JAS W ALAMEDA	Pacific Telephone Directory
	BUCKLEY MILTON BERKELEY	Pacific Telephone Directory
1955	TSUCHIDA KAY R BERKELEY	The Pacific Telephone & Telegraph Co.
	LARSON NORRIS F R ALAMEDA	The Pacific Telephone & Telegraph Co.
	COUCH F ARLIE R ALAMEDA	The Pacific Telephone & Telegraph Co.
	BARRICA A ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	LARSON NORRIS F R ALAMEDA	The Pacific Telephone & Telegraph Co.
1938	HAWKER W H R	Pacific Telephone
	LARSON NORRIS F R	Pacific Telephone
	YATES W L R	Pacific Telephone
1933	BUSBY ARLES H PLSTR H REAR ALAMEDA	R. L. Polk & Co.
	MARVIN WALTER MACH R ALAMEDA	R. L. Polk & Co.
	MORTON ROY H (REINETTE) MACH R ALAMEDA	R. L. Polk & Co.
	SMITH WESLEY SHOE SHINER	R. L. Polk & Co.
	YATES MELLIE (WID W L) H ALAMEDA	R. L. Polk & Co.
1928	Bock Harry A Margi H	R.L. Polk and Co of California
	A C E lab R	R.L. Polk and Co of California
1925	HANGER M E R	R. L. Polk & Co. of California

1618 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BOWEN ALLAN R ALAMEDA	Pacific Telephone Directory
1962	Wong Geo S Dr	Pacific Telephone
1955	YOUNG FOOK	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BOWEN ALLAN R R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	YOUNG FOOK R	The Pacific Telephone & Telegraph Co.
	BOWEN ALLAN R R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	Young Ah Fook Ngshee h	R. L. Polk & Co.
1938	YOUNG FOOK R	Pacific Telephone
	DUNBAR ROBERT J R	Pacific Telephone
1933	TUSTING GOODWIN (WINNIE) MACH H ALAMEDA	R. L. Polk & Co.

1619 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ODAVISC 8rton	Haines Company, Inc.
1970	SMITH HARLAN W ALAMEDA	Pacific Telephone Directory
1967	HANABEE ARIE L	R. L. Polk Co.
	DAVIS LEALA MRS	R. L. Polk Co.
1955	HALL M R	The Pacific Telephone & Telegraph Co.
	SMITH HARLAN W R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	HALL M R	The Pacific Telephone & Telegraph Co.
	LOTZ WESLEY H R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	Bodraux Kirby shipydwkr r	R. L. Polk & Co.
	Breedlove Nathan Willie shipydwkr r	R. L. Polk & Co.
	Breedlove Willie waiter r	R. L. Polk & Co.
	Calhoun Nora cook r	R. L. Polk & Co.
	EVANS Thelma Mrs waiter r	R. L. Polk & Co.
	Hall Mildred wid W L r	R. L. Polk & Co.
	Himes Sam Willa shipydwkr h	R. L. Polk & Co.
	Mc Kinney Harold Arleen shipydwkr r	R. L. Polk & Co.
	MOORE Emma Mrs r	R. L. Polk & Co.
	Tofree Rose dom r	R. L. Polk & Co.
	Williams Wm shipydwkr r	R. L. Polk & Co.
	Willis Geo shipydwkr r	R. L. Polk & Co.
1938	HALL M R	Pacific Telephone
	RILEY TOM C R	Pacific Telephone
1933	SCOTT NELSON R	R. L. Polk & Co.
	WOMACK ARMATH (REBECCA) LAB H	R. L. Polk & Co.
	BURR JAS PLSTR R	R. L. Polk & Co.
	CLINTON ESTELLE MAID R	R. L. Polk & Co.
	DULAN ALEX R WAITER R	R. L. Polk & Co.
	HALL MILDRED MRS H	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	JONES OSCAR WAITER R	R. L. Polk & Co.
	MILTON JAS COOK R	R. L. Polk & Co.
	RILEY THOS C (ANNIE) MEATS 10TH ST MKT STALL 110 H ALAMEDA	R. L. Polk & Co.
1928	Underhills Thos cook R	R.L. Polk and Co of California
	h Jessie R	R.L. Polk and Co of California
	rd Mildred M wid Wm L H	R.L. Polk and Co of California
	Phone Jacob M cook R	R.L. Polk and Co of California
	H waiter R	R.L. Polk and Co of California
	H Leonard waiter R	R.L. Polk and Co of California
	av Nelson R	R.L. Polk and Co of California
1925	RILEY TOM C R	R. L. Polk & Co. of California
	YOUNG FRANK R	R. L. Polk & Co. of California

1620 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	ORANGE ROSE M MRS	R. L. Polk Co.
1962	Orange Jannie	Pacific Telephone
1955	ORANGE JOE R	The Pacific Telephone & Telegraph Co.
1945	HARRIS BRUCE R	The Pacific Telephone & Telegraph Co.
1943	Harris Bruce Amelia whsmn h	R. L. Polk & Co.
1933	GERCKEN ERNEST C LAB H BERKELEY	R. L. Polk & Co.
	O CONNOR THOS T (HANNAH) FLAGMN SPCO H	R. L. Polk & Co.
1928	Pa Thos T Hannah blksmth H	R.L. Polk and Co of California
	Gercken Ernest C H	R.L. Polk and Co of California
	Cheokacu Paul QC ear olnr H	R.L. Polk and Co of California
1920	MONTGOMERY JAMES P R	R. L. Polk & Co. of California

1621 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	REEL R F ALAMEDA	The Pacific Telephone & Telegraph Co.
	SHIMAN JACK D R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	SHIMAN JACK D R BERKELEY	The Pacific Telephone & Telegraph Co.
	REEL G R R ALAMEDA	The Pacific Telephone & Telegraph Co.
1933	NELSON JULIA W (WID WM P) R ALAMEDA	R. L. Polk & Co.
	NELSON EINER W (VIVIAN C) SLSMN PG & E CO H ALAMEDA	R. L. Polk & Co.
1925	NELSON E W R	R. L. Polk & Co. of California

FINDINGS

1622 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	JOHNSON ELLA MRS	R. L. Polk Co.
1962	Johnson Ella r	Pacific Telephone
1955	HICKS JAS R	The Pacific Telephone & Telegraph Co.
	HICKS ROSIE R	The Pacific Telephone & Telegraph Co.
	JOHNSON ELLA R	The Pacific Telephone & Telegraph Co.
1943	Williams Jesse shipydwkr r	R. L. Polk & Co.
	Porter Christopher constwkr r	R. L. Polk & Co.
	Butler Roosevelt Hope shipydwkr r	R. L. Polk & Co.
	CARTER Enos Mabel constwkr r	R. L. Polk & Co.
	Kinsey Rose Mrs h	R. L. Polk & Co.
1938	JOHNSON LEOLA R	Pacific Telephone
1928	graph Peggy R	R.L. Polk and Co of California
	av Ethel cook R	R.L. Polk and Co of California
	Jarratt Walter A Emma L chef H	R.L. Polk and Co of California
	Phillip Chas R	R.L. Polk and Co of California
	h Roy W R	R.L. Polk and Co of California
1925	PHILLIPS MISS CLARA R	R. L. Polk & Co. of California
1920	PHILLIPS MISS CLARA R	R. L. Polk & Co. of California

1623 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	SENNA MANUEL ALAMEDA	Pacific Telephone Directory
1955	SENNA MANUEL R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	SENNA MANUEL R ALAMEDA	The Pacific Telephone & Telegraph Co.
1933	REED SIDNEY T (MABEL) LAB H ALAMEDA	R. L. Polk & Co.
1925	LIKINS R S R	R. L. Polk & Co. of California

1624 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	IRWIN WALTER BERKELEY	Pacific Telephone Directory
1962	Johnson Lucille	Pacific Telephone
1955	DUTRA MARY MRS R	The Pacific Telephone & Telegraph Co.
	IRWIN WALTER BERKELEY	The Pacific Telephone & Telegraph Co.
1945	DUTRA MARY MRS R	The Pacific Telephone & Telegraph Co.
	MARSHALL A P R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Bavalas Saml restrwkr r	R. L. Polk & Co.
	Christensen Vivian clk r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Dutra Mary E wid Jos h	R. L. Polk & Co.
	Hooper Chas S clo clnr r	R. L. Polk & Co.
	Schormann Dennis Mary clk h	R. L. Polk & Co.
1938	DUTRA MARY MRS R	Pacific Telephone
1933	BAIZ AMADO L OILWKR H BERKELEY	R. L. Polk & Co.
	BAIZ RALPH OILWKR R BERKELEY	R. L. Polk & Co.
	PINON THOS OIL WKR R BERKELEY	R. L. Polk & Co.
	NICHOLS LORETTA MRS R	R. L. Polk & Co.
	FRANCO RUDOLPH (JENNIE) LAB H REAR	R. L. Polk & Co.
	DUTRA MARY (WID JOS) R	R. L. Polk & Co.
	CHRISTENSEN VIVIAN MRS R	R. L. Polk & Co.
	BAPTISTA JOS SEAMN R	R. L. Polk & Co.
	BAPTISTA JOANNA (WID MANUEL) H	R. L. Polk & Co.
1928	J John Loretta glazier H	R.L. Polk and Co of California
	av Wm L Maybell mach H	R.L. Polk and Co of California
	P Mary wid Jos P R	R.L. Polk and Co of California
	&c Jos lab R	R.L. Polk and Co of California
	&c Johanna J wid Manuel H	R.L. Polk and Co of California
1925	MARTIN JAMES R	R. L. Polk & Co. of California

1625 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	HARRIS JOHN H BERKELEY	Pacific Telephone Directory
	SPRAINGS MARIE	Pacific Telephone Directory
1967	SPRAINGS WILLARD G	R. L. Polk Co.
1955	HIMES WILLIE	The Pacific Telephone & Telegraph Co.
	RUSSELL MATTHEW BERKELEY	The Pacific Telephone & Telegraph Co.
	VINCENT JAS E BERKELEY	The Pacific Telephone & Telegraph Co.
1945	ARTHUR GUY R BERKELEY	The Pacific Telephone & Telegraph Co.
	NICOLAS MARIE R	The Pacific Telephone & Telegraph Co.
1943	Adams Glenn C Delia E shipydwr h	R. L. Polk & Co.
	ALLEN Orrin H Genevieve blrmkr h	R. L. Polk & Co.
	Whitby Woodrow Ruby shipydwr h	R. L. Polk & Co.
1933	BROWN ROBT (MAGGIE) LAB R	R. L. Polk & Co.
	BROWN ROBT (MAUDE) LAB OKLD ST DEPT H	R. L. Polk & Co.
1928	College Anna wid Jos H	R.L. Polk and Co of California
	h Jas porter R	R.L. Polk and Co of California

FINDINGS

1626 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	OWENS VIRGINIA R	The Pacific Telephone & Telegraph Co.
1943	Taylor Murphy ironwkr r	R. L. Polk & Co.
	MORGAN Compton lab NSB r	R. L. Polk & Co.
	Morgan Louverta car clnr r	R. L. Polk & Co.
	Morgan Virginia Mrs h	R. L. Polk & Co.
	Taylor Avery ironwkr r	R. L. Polk & Co.
1938	OWENS VIRGINIA R	Pacific Telephone
1928	Gatrcia Albi T Mamiel lab H	R.L. Polk and Co of California
	Ganrla Albt T Mamie lab H	R.L. Polk and Co of California
1925	BAPTISTA J R	R. L. Polk & Co. of California

1627 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DELCRE M MRS ALAMEDA	Pacific Telephone Directory
1967	JARMON ALF	R. L. Polk Co.
1962	Neely Ola Mae	Pacific Telephone
1955	HAYNES ULYSSES	The Pacific Telephone & Telegraph Co.
	CRAVEN CARL ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	CIARLO B R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	Ray Maggie Mrs h	R. L. Polk & Co.
	Jackson Leila waiter r	R. L. Polk & Co.
	Fisher Wm whsmn r	R. L. Polk & Co.
1938	CIARLO B R	Pacific Telephone
1933	CIARLO BERT (DIVA) FARMER H ALAMEDA	R. L. Polk & Co.
	KING LOUIS (IDA) WAITER H	R. L. Polk & Co.
1925	TRACY IRA R	R. L. Polk & Co. of California
1920	TRACY IRA R	R. L. Polk & Co. of California

1628 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	SMITH JAMES	R. L. Polk Co.
1955	POWELL FRANK W	The Pacific Telephone & Telegraph Co.
1945	HUGHES LILLIAN MRS R	The Pacific Telephone & Telegraph Co.
	BOJORQUEZ PHILIP R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	HUGHES Jos Lillian cook h	R. L. Polk & Co.
	Gaines Nelson R shipydwkr r	R. L. Polk & Co.
1933	DEVINCENZI GEO (ALICE) CHAUF H BERKELEY	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	h Louise V wid Louis W H	R.L. Polk and Co of California

8th St

1629 8th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CHIMNEY INSPCTOR CHMNEY SWEEPS	EDR Digital Archive
	CHIMNEY INSPCTOR CHMNEY SWEEPS	EDR Digital Archive
2010	CELLAR CHRISTN MNSTRIES FLWSHP	EDR Digital Archive
	CLARK JAMAR	EDR Digital Archive
	CELLAR CHRISTN MNSTRIES FLWSHP	EDR Digital Archive
	CLARK JAMAR	EDR Digital Archive

8TH ST

1629 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	REVELATION CHURCH OF GOD IN CHRIST	PACIFIC BELL DIRECTORY
1980	Shiloh Church Of God In Christ	Pacific Telephone
1975	JOHNSON BERNICE	Pacific Telephone
1970	SHILOH CHURCH OF GOD IN CHRIST	Pacific Telephone Directory
1967	SHILOH CHURCH OF GOD IN CHRIST	R. L. Polk Co.
1955	HUDSON SYLVESTER R	The Pacific Telephone & Telegraph Co.
1945	HUDSON SYLVESTER R	The Pacific Telephone & Telegraph Co.
	HUTZLER WALTER R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Ross Buster G whsmn r	R. L. Polk & Co.
	Hollins Thula Mrs h	R. L. Polk & Co.
	Lewis Jesse r	R. L. Polk & Co.
1933	FORD WM M (TINNIE) LAB H	R. L. Polk & Co.
1928	guson Geo H	R.L. Polk and Co of California
1925	DUNCAN C R	R. L. Polk & Co. of California

1630 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Wright Clyde	Pacific Telephone
	Wright Bertha	Pacific Telephone
1955	FRANKLIN JACK	The Pacific Telephone & Telegraph Co.
1945	FARRINGTON LOUIS A R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Farrington Louis A Jewell cook h	R. L. Polk & Co.
	Jones Harry L constrwkr r	R. L. Polk & Co.
1933	SEYMOUR FREDK A (ALTA M) LAB H	R. L. Polk & Co.
1928	cent Hattie Mrs R	R.L. Polk and Co of California
	Seymour Fred A Alta lab H	R.L. Polk and Co of California

1631 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	TURNER OTIS BERKELEY	Pacific Telephone Directory
	GAINES MARTHA	Pacific Telephone Directory
1967	THOMAS ALVIN	R. L. Polk Co.
1962	Amar Stella	Pacific Telephone
1955	AMAR STELLA	The Pacific Telephone & Telegraph Co.
	FUJITA TAD R BERKELEY	The Pacific Telephone & Telegraph Co.
	WILLIAMS JAS	The Pacific Telephone & Telegraph Co.
1945	AMAR STELLA R	The Pacific Telephone & Telegraph Co.
	COURANT FRED O R BERKELEY	The Pacific Telephone & Telegraph Co.
	EDWARDS RITTER MISS R	The Pacific Telephone & Telegraph Co.
1943	Harris Alf L r	R. L. Polk & Co.
	Harris Eliz Mrs cook r	R. L. Polk & Co.
	Miles Le Roy Henrine lab NAB r	R. L. Polk & Co.
	Mills Cath Mrs r	R. L. Polk & Co.
	Neighbors Wm Ethel clk r	R. L. Polk & Co.
	Ford Mollie Mrs h	R. L. Polk & Co.
	Ford John H Mattie C shipydwkr r	R. L. Polk & Co.
	EDWARDS Rita Mrs cook r	R. L. Polk & Co.
	DAVIS Sylvester Carrie shipydwkr h	R. L. Polk & Co.
1933	TELFER DANL J (MARY) LAB H	R. L. Polk & Co.
1928	Pasqualli Susie Indywkr R	R.L. Polk and Co of California
1925	DAY MRS BOB R	R. L. Polk & Co. of California

1632 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	TORO MARY BERKELEY	Pacific Telephone Directory
1955	TORO JOHN R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	LOPES A A R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	MILLER RUSSELL LAB R BERKELEY	R. L. Polk & Co.
	MILLER AGATHA MRS H BERKELEY	R. L. Polk & Co.

FINDINGS

1633 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JACKSON E Oa	Haines Company, Inc.
2000	JACKSON ELLA	Pacific Bell
1996	JACKSON ELLA	PACIFIC BELL DIRECTORY
1992	JACKSON ELLA	PACIFIC BELL DIRECTORY
1991	Jackson Ella	PACIFIC BELL WHITE PAGES
1986	Jackson Ella	PACIFIC BELL WHITE PAGES
1980	Jackson Ella	Pacific Telephone
1975	JACKSON ELLA	Pacific Telephone
1970	JACKSON ELLA	Pacific Telephone Directory
1967	BROWN JOEL C	R. L. Polk Co.
1943	Harvey John H Eva porter h	R. L. Polk & Co.
	Harvey Eva waiter r	R. L. Polk & Co.
	CHAPMAN Erasmus P Dicey r	R. L. Polk & Co.
1933	STOVALL GEO G BUTLER R	R. L. Polk & Co.
	AUSTIN LEE (BERTHA) MEATCTR H	R. L. Polk & Co.
1928	n Emmet J Louise waiter H	R.L. Polk and Co of California
	Win 0 Luolle elemn V T Wood Co rna R	R.L. Polk and Co of California
1925	BARBER MRS MARY R	R. L. Polk & Co. of California
1920	JONES DR E F R	R. L. Polk & Co. of California

1634 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	BATES M A	R. L. Polk Co.
1962	Coleman Bettie r	Pacific Telephone
1955	COLEMAN BETTIE R	The Pacific Telephone & Telegraph Co.
1945	COLEMAN BETTIE R	The Pacific Telephone & Telegraph Co.
1943	Hampton Jessie wid Chas h	R. L. Polk & Co.
	Jackson Ella r	R. L. Polk & Co.
	Oden Amelia Mrs r	R. L. Polk & Co.
1938	BOUTTE LINK R	Pacific Telephone
1933	BARNES SEPTIMUS A (ROSA) PORTER H	R. L. Polk & Co.
	GORDON ARCHIE (JOSEPHINE) COOK H	R. L. Polk & Co.
1928	Oakland Estelle Mrs dom R	R.L. Polk and Co of California
	University Frank Inez porter H	R.L. Polk and Co of California

FINDINGS

1635 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MORAAscencin	Haines Company, Inc.
1986	Pittman Arthur	PACIFIC BELL WHITE PAGES
1980	Hopkins Russell	Pacific Telephone
	Pittman Arthur	Pacific Telephone
1975	HOPKINS RUSSELL	Pacific Telephone
	PITTMAN ARTHUR	Pacific Telephone
1970	MILTON ALBERT BERKELEY	Pacific Telephone Directory
	PITTMAN ARTHUR	Pacific Telephone Directory
1967	YOUNG ELIZ MRS	R. L. Polk Co.
1962	Black Pearl Mrs r	Pacific Telephone
	Young Shelton	Pacific Telephone
1955	ARONSON ERNEST E BERKELEY	The Pacific Telephone & Telegraph Co.
	BLACK PEARL MRS R	The Pacific Telephone & Telegraph Co.
	WEBB JENNIE V	The Pacific Telephone & Telegraph Co.
1945	BLACK PEARL MRS R	The Pacific Telephone & Telegraph Co.
1943	Marsh Albt Harriett constwkr r	R. L. Polk & Co.
	Black Pearl wid Jas h	R. L. Polk & Co.
1938	BLACK J L MRS R	Pacific Telephone
1933	JONES ANDW J R	R. L. Polk & Co.
	BLACK JAS L (PEARLY) WAITER H	R. L. Polk & Co.
1928	n Helen R	R.L. Polk and Co of California
	4 Venora wid Wm G H	R.L. Polk and Co of California

1636 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	JACKSON C BERKELEY	Pacific Telephone Directory
	COOPER FRED BERKELEY	Pacific Telephone Directory

1637 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PEREZJoss Retagio	Haines Company, Inc.
1967	DAVIS BEATRICE MRS	R. L. Polk Co.
1943	Glover Jos Mabel shipydwkr r	R. L. Polk & Co.
	Bilty Arth shipydwkr h	R. L. Polk & Co.
1933	THOMAS WM LAB H	R. L. Polk & Co.
	STUBBLEFIELD MILDRED MRS R	R. L. Polk & Co.
1928	av Wm Nattie waiter H	R.L. Polk and Co of California

FINDINGS

1638 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Ross Don & Susan Addison Brk b Ross Don	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1970	ROSS DON BERKELEY	Pacific Telephone Directory
1955	ROSS DON R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	NARDINI CHAS (LUCY) LAB H BERKELEY	R. L. Polk & Co.
1928	Brassea Jas wtchmn R Peach Frances Mrs H	R.L. Polk and Co of California R.L. Polk and Co of California

1639 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	C Ourltis Thellma H	R.L. Polk and Co of California

1640 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	HARDIN HENRY R	The Pacific Telephone & Telegraph Co.
1943	Stewart Anderson whsmn r Stewart Alice wid Wm h	R. L. Polk & Co. R. L. Polk & Co.
1933	WALKER WILLIE (LILLIE) H	R. L. Polk & Co.
1928	8 J Angceline car inspr H h Genelio H	R.L. Polk and Co of California R.L. Polk and Co of California
1925	BLACK MRS J L R	R. L. Polk & Co. of California

1641 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	REAGANA Jca	Haines Company, Inc.
1975	ALLISON ODIS L	Pacific Telephone
1970	ALLISON ODIS L KITAMURA KEN BERKELEY	Pacific Telephone Directory Pacific Telephone Directory
1955	NARCISSE OZE R KITAMURA KEN R BERKELEY	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1945	HOLLADAY E C R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Andrade Geo J Cecil E flanger NAB h	R. L. Polk & Co.

1643 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BAUARD Roy WONG Defict	Haines Company, Inc. Haines Company, Inc.
1980	Chesterfield R L	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	CHESTERFIELD R L	Pacific Telephone
1967	CHESTERFIELD R L	R. L. Polk Co.
	A PETTIGREW JOHN	R. L. Polk Co.
1955	NARCISSE CORINE R	The Pacific Telephone & Telegraph Co.
1945	NARCISSE CORINE R	The Pacific Telephone & Telegraph Co.
1943	Johnson Albt shipydwkr r	R. L. Polk & Co.
	MOSELEY Warren whsmn r	R. L. Polk & Co.
	Narcess Minor Corrine shipydwkr h	R. L. Polk & Co.
	Narcisse Corinne Mrs restr r	R. L. Polk & Co.
1938	NARCISS CORINE R	Pacific Telephone
1933	MURPHY PATK R	R. L. Polk & Co.
	O BRIEN JAS T (CATH) CLK R	R. L. Polk & Co.
	TOWHILL CATH (WID G A) H	R. L. Polk & Co.
1928	Toniil John Kath H	R.L. Polk and Co of California

1644 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	KAHN A J MRS R	The Pacific Telephone & Telegraph Co.
1943	Abbey Milby L Fay B swchmn r	R. L. Polk & Co.
	De Pue Thos Betty swtchmn h	R. L. Polk & Co.
1938	DE PUE THOMAS R	Pacific Telephone
1933	ANDRICH NICH (MARY) LAB H	R. L. Polk & Co.
	ATWATER ELLA C (WID D M) H	R. L. Polk & Co.
1928	Hawthorne Ella C wid Dwight M H	R.L. Polk and Co of California
	Co Jos Clara H cond H	R.L. Polk and Co of California
1925	ROBSON JOS R	R. L. Polk & Co. of California
1920	ROBSON JOS R	R. L. Polk & Co. of California

1645 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	CARR ELAINE G	PACIFIC BELL DIRECTORY
1991	Carr Elaine G	PACIFIC BELL WHITE PAGES
1967	BELL CHARLIE	R. L. Polk Co.
1962	Bell Charlie	Pacific Telephone
1955	BELL CHARLIE R	The Pacific Telephone & Telegraph Co.
1943	Coody Alex Helen clk h	R. L. Polk & Co.
1928	Emerald Theo Elaine ship carp H	R.L. Polk and Co of California

FINDINGS

8th St

1647 8th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HAPPY TIME LIQOURS	EDR Digital Archive
	HAPPY TIME LIQOURS	EDR Digital Archive
2010	HAPPY TIME LIQOURS	EDR Digital Archive
	HAPPY TIME LIQOURS	EDR Digital Archive

8TH ST

1647 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HAPPY 1 TME	Haines Company, Inc.
2000	HAPPY TIME	Pacific Bell
1996	HAPPY TIME	PACIFIC BELL DIRECTORY
1992	HAPPY TIME	PACIFIC BELL DIRECTORY
1991	Happy Time	PACIFIC BELL WHITE PAGES
1986	Happy Time	PACIFIC BELL WHITE PAGES
1980	Happy Time	Pacific Telephone
1975	HAPPY TIME	Pacific Telephone
1970	HAPPY TIME	Pacific Telephone Directory
1967	HAPPY TIME LIQUOR STORE	R. L. Polk Co.
1962	Happy Time	Pacific Telephone
1955	HAPPY TIME	The Pacific Telephone & Telegraph Co.
1943	GROSS Eloise Mrs beauty shop	R. L. Polk & Co.
1933	CYRUS ESTHER MRS LNDY	R. L. Polk & Co.
1928	Dinneford Geo Eliz Jan H	R.L. Polk and Co of California
	Koehler Gustave F Mary shoe rep R	R.L. Polk and Co of California
	Ronis Louis car repr R	R.L. Polk and Co of California

1648 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Lewis Harry L Rosalie mach opr h	R. L. Polk & Co.

1650 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PAYTONLatoya	Haines Company, Inc.
1975	PEREZ CLEO	Pacific Telephone
1967	CURRY JULIA MRS	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BYRD JUSTYNE	The Pacific Telephone & Telegraph Co.
1943	Smith Hobart G Delano A welder h	R. L. Polk & Co.

8th St

1651 8th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	LORD PROVIDES THRIFT STORE	EDR Digital Archive
	LORD PROVIDES THRIFT STORE	EDR Digital Archive

8TH ST

1651 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PROVIDES THRIFT	Haines Company, Inc.
	THELOARD	Haines Company, Inc.
1980	Elmhurst Shine Parlor & Recreation Center	Pacific Telephone
1975	GOLDEN GATE GROCERY	Pacific Telephone
1970	GOLDEN GATE GROCERY	Pacific Telephone Directory
1967	GOLDEN GATE GROCERY	R. L. Polk Co.
1962	Golden Gate Grocery	Pacific Telephone
1955	GOLDEN GATE GROCERY	The Pacific Telephone & Telegraph Co.
1945	WILMAR GROCERY	The Pacific Telephone & Telegraph Co.
1943	Coody Michl A Kath gro	R. L. Polk & Co.
1933	COODY MICHL A (CATH) GRO	R. L. Polk & Co.
1928	H Michi A Cath gro	R.L. Polk and Co of California
1925	COODY M A R	R. L. Polk & Co. of California

1653 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	POOLE WILLIE	R. L. Polk Co.
1955	LEE GUM LOW R	The Pacific Telephone & Telegraph Co.
1945	COODY M A R	The Pacific Telephone & Telegraph Co.
1943	Coody Michl A Kath gro h	R. L. Polk & Co.
1938	COODY M A R	Pacific Telephone
1933	COODY EVELYN CLK R	R. L. Polk & Co.
	COODY MELBA CLK R	R. L. Polk & Co.
1928	H Michi A Cath gro	R.L. Polk and Co of California
	H	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Coody Michl A Cath gro	R.L. Polk and Co of California

8th St

1655 8th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	DEVELOP DALY	EDR Digital Archive
	DEVELOP DALY	EDR Digital Archive

8TH ST

1655 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HARPERJoshua	Haines Company, Inc.
1992	ARMSTRONG T	PACIFIC BELL DIRECTORY
1970	VOYCE SALLIE	Pacific Telephone Directory
1967	GREEN WILLY	R. L. Polk Co.
	M WILLIAMS CHARLES	R. L. Polk Co.
1962	Johnson Louise	Pacific Telephone
	King Johnnie B r	Pacific Telephone
1955	KING JOHNNIE B R	The Pacific Telephone & Telegraph Co.
1945	WIGGINS D M R	The Pacific Telephone & Telegraph Co.
1943	Ansley Thos shipydwkr r	R. L. Polk & Co.
	Williams Austin shipydwkr r	R. L. Polk & Co.
	Williams Wm Lucy constrwkr h	R. L. Polk & Co.
1933	WILSON JOHN CLK R	R. L. Polk & Co.
	WILSON JOHN A (ELLEN) LAB H	R. L. Polk & Co.
1928	Argiropoulos Thos car inspr SPCo R	R.L. Polk and Co of California
	Lawton Lillie wid Wm H	R.L. Polk and Co of California
	av Elisha porter R	R.L. Polk and Co of California

1656 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1996	WILKINS WALTER	PACIFIC BELL DIRECTORY
1992	WILKINS WALTER	PACIFIC BELL DIRECTORY
1991	Wilkins Walter	PACIFIC BELL WHITE PAGES
1980	Mc Millon John W	Pacific Telephone
1970	BUFORD THELMA	Pacific Telephone Directory
1967	BUFORD THELMA L MRS	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Mc Carther Maggie Sue	Pacific Telephone
1955	MCCARTHER MAGGIE SUE	The Pacific Telephone & Telegraph Co.
1945	THOMAS MELVIN MRS R	The Pacific Telephone & Telegraph Co.
1943	Carver Eli Nettie M lab h	R. L. Polk & Co.

1657 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PARKER Gladys	Haines Company, Inc.
	e FORTE Ikenna	Haines Company, Inc.
2000	LAMPKIN IRA D	Pacific Bell
	LAMPKIN IRA D	Pacific Bell
1996	LAMPKIN IRA D	PACIFIC BELL DIRECTORY
	LAMPKIN IRA D	PACIFIC BELL DIRECTORY
1991	Ammons Deonna	PACIFIC BELL WHITE PAGES
1975	JACKSON EDITH	Pacific Telephone
1970	VALENTINE MATTIE	Pacific Telephone Directory
1967	SMITH CARL J	R. L. Polk Co.
1945	HASSNA LEO S R	The Pacific Telephone & Telegraph Co.
1943	Hassna Agnes atdt Co Hosp r	R. L. Polk & Co.
	Hassna Speer Agnes pntr h	R. L. Polk & Co.
1928	Hippolitt Jos waiter R	R.L. Polk and Co of California
1925	TAYLOR E H R	R. L. Polk & Co. of California

1658 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1980	Randolph M P	Pacific Telephone
1970	DODD GLADYS	Pacific Telephone Directory
1967	DODD GLADYS MRS	R. L. Polk Co.
1945	PRUITT ALBERT MRS R	The Pacific Telephone & Telegraph Co.
1943	Pruitt Albt Mary h	R. L. Polk & Co.

1659 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LAMPKIN IDA	Pacific Bell
1996	LAMPKIN IDA	PACIFIC BELL DIRECTORY
1986	Perry Booker	PACIFIC BELL WHITE PAGES
1980	Perry Booker	Pacific Telephone
1975	HANSAN ELLA	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	PERRY BOOKER	Pacific Telephone
1970	HENSON ELLA	Pacific Telephone Directory
	PERRY BOOKER	Pacific Telephone Directory
1967	HENSQN ELLA MRS	R. L. Polk Co.
1962	Henson Ella	Pacific Telephone
1955	HENSON ELLA	The Pacific Telephone & Telegraph Co.
1945	ARMELLI M R	The Pacific Telephone & Telegraph Co.
1943	Armelli Hinna Mrs h	R. L. Polk & Co.
	Armelli Jos r	R. L. Polk & Co.
	Marosco Chas Ann ironwkr r	R. L. Polk & Co.
	Mroczko Chas filter opr EDOW r	R. L. Polk & Co.
	Santos Jose constrwkr r	R. L. Polk & Co.
1938	ARMELLI M R	Pacific Telephone
1933	ARMELLI EMIL CLK R	R. L. Polk & Co.
	ARMELLI HELEN (WID MANSUR) DRY GDS	R. L. Polk & Co.
	ARMELLI ANN CLK R	R. L. Polk & Co.
1928	Armelli Jos M drygds	R.L. Polk and Co of California
	~1659	R.L. Polk and Co of California
	Arma Joe drygds R	R.L. Polk and Co of California
	Arma Ull Hand wid Mansour H	R.L. Polk and Co of California

1661 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	A LAMPKIN IRA D	Pacific Bell
1991	North Earl	PACIFIC BELL WHITE PAGES
1967	DAWSON TONY	R. L. Polk Co.
1945	VASQUEZ ELIZABETH MRS R	The Pacific Telephone & Telegraph Co.
1943	Lewis Chas r	R. L. Polk & Co.
	Lewis Jane r	R. L. Polk & Co.
	Lewis Kath Mrs car clnr h	R. L. Polk & Co.
1933	ANDERSON JAS (ARBETTA) LAB H	R. L. Polk & Co.
	LEWIS LUCY M MRS R	R. L. Polk & Co.
1928	62d Peter Barbara truckmn H	R.L. Polk and Co of California
	Cenecoros G R	R.L. Polk and Co of California

FINDINGS

1662 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1980	Parks Martha	Pacific Telephone
1970	HUNTER WILLIA MAE	Pacific Telephone Directory
1967	HUNTER WILLIA M MRS	R. L. Polk Co.
1962	Hunter Willia Mae	Pacific Telephone
1955	HUNTER WILLIA MAE	The Pacific Telephone & Telegraph Co.
1945	CARRINGTON FRANK M R	The Pacific Telephone & Telegraph Co.
1943	Carrington Frank Blanche shipydwkr h	R. L. Polk & Co.

1663 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Dawson Tony C	Pacific Telephone
1967	WILBERT HATTIE MRS	R. L. Polk Co.
1962	Thompson Edna Mae	Pacific Telephone
1955	MCKINNELLY GLADYS	The Pacific Telephone & Telegraph Co.
1943	Sheldon Louise wid Wilson h	R. L. Polk & Co.
1933	ZIMMERMAN CHRIS (ELIZ) LAB H	R. L. Polk & Co.
1928	N Wm A elk Shastek Bros R Olivares Angelo Marie lab H	R.L. Polk and Co of California R.L. Polk and Co of California

1664 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LYLES Doothy Lee	Haines Company, Inc.
1970	CONWAY VELMA	Pacific Telephone Directory
1967	CONWAY VELM	R. L. Polk Co.
1962	Conway Eugene Conway Velma	Pacific Telephone Pacific Telephone
1943	FERREIRA Wm H Betty ironwkr h	R. L. Polk & Co.

1665 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	STEWARTWW Mr	Haines Company, Inc.
2000	STEWART W W MRS DAWSON TONY	Pacific Bell Pacific Bell
1996	STEWART W W MRS	PACIFIC BELL DIRECTORY
1992	STEWART W W MRS	PACIFIC BELL DIRECTORY
1991	Stewart W W Mrs Stewart Wendell	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Stewart W W Mrs	PACIFIC BELL WHITE PAGES
1980	Stewart W W Mrs	Pacific Telephone
1970	STEWART W W MRS	Pacific Telephone Directory
1967	STEWART ROSIE T MRS	R. L. Polk Co.
1962	Stewart W W Mrs	Pacific Telephone
1955	STEWART W W MRS R	The Pacific Telephone & Telegraph Co.
1945	JOHNSON ED R	The Pacific Telephone & Telegraph Co.
1943	JOHNSON Edw C Lillie ydmn SPCo h	R. L. Polk & Co.
	JOHNSON Frances waiter r	R. L. Polk & Co.
	JOHNSON Harriman shipydwkr r	R. L. Polk & Co.
	JOHNSON Lucille r	R. L. Polk & Co.
	JOHNSON Nathan lab r	R. L. Polk & Co.
1928	Mary L wid Fredk J H	R.L. Polk and Co of California

1666 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	HARVEY EMMA MRS CAR CLNR H	R. L. Polk & Co.

1668 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	INGE MATTHEW JAN R	R. L. Polk & Co.
	CROMARTIE ALICE (WID DUNCAN) H	R. L. Polk & Co.
1928	N Eliza wid Edw H	R.L. Polk and Co of California
	Francisco Emma Mrs car clnr H	R.L. Polk and Co of California

8th St

1670 8th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CAMPBELL VILLAGE	EDR Digital Archive
	CAMPBELL VILLAGE	EDR Digital Archive
2010	CAMPBELL VILLAGE	EDR Digital Archive
	CAMPBELL VILLAGE	EDR Digital Archive

8TH ST

1670 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1996	JONES ANTONIO	PACIFIC BELL DIRECTORY

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Wilson H R	Pacific Telephone
1967	COTTON ODESS	R. L. Polk Co.
1962	Goldsby L	Pacific Telephone
1955	WILSON WALTER	The Pacific Telephone & Telegraph Co.
1945	NG CARRIE MRS R	The Pacific Telephone & Telegraph Co.
1943	Ng Frank Carrie storekpr NSB h	R. L. Polk & Co.
1928	r Raymond R bus boy R	R.L. Polk and Co of California
	Edmond Geo lab R	R.L. Polk and Co of California
	38 dasso Elgell lab H	R.L. Polk and Co of California
1925	TURNER ISAAC R	R. L. Polk & Co. of California

8th St

1671 8th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LOWER BOTTOM GROCERIES	EDR Digital Archive
	LOWER BOTTOM GROCERIES	EDR Digital Archive
2010	LOWER BOTTOM GROCERIES	EDR Digital Archive
	LOWER BOTTOM GROCERIES	EDR Digital Archive

8TH ST

1671 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	DISCOUNT MINI MARKET	PACIFIC BELL DIRECTORY
	DICK S BUTCHER SHOP	PACIFIC BELL DIRECTORY
1991	Dicks Butcher Shop	PACIFIC BELL WHITE PAGES
	Discount Mini Market	PACIFIC BELL WHITE PAGES
	Discount Muffler & Brake Service 44483	PACIFIC BELL WHITE PAGES
1986	Dicks Butcher Shop	PACIFIC BELL WHITE PAGES
1980	Chesters Grocery Dept	Pacific Telephone
	Chesters Meat Dept	Pacific Telephone
1975	CHESTER S MEAT DEPT	Pacific Telephone
	CHESTER S GROCERY DEPT	Pacific Telephone
1970	CHESTER S GROCERY DEPT	Pacific Telephone Directory
	CHESTER S MEAT DEPT	Pacific Telephone Directory
1967	CHESTERS GROCERY	R. L. Polk Co.
	CHESTERS MEAT	R. L. Polk Co.
1962	Chesters Meat Market	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	CHESTER S MEAT MARKET	The Pacific Telephone & Telegraph Co.
1945	CHESTER S MEAT MARKET	The Pacific Telephone & Telegraph Co.
1933	SHESTEK BROS (P J JAS AND W W) GRO AND MEATS	R. L. Polk & Co.
1928	Shestek Bros I P Geo P J and Wm meats	R.L. Polk and Co of California

1672 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	BLACK HANNABLE GUARD R JOHNSON MARY (WID SHERMAN) H	R. L. Polk & Co. R. L. Polk & Co.
1928	Lile Harry lab R N Mary wid Sherman H Curry Alf pantrymn R	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California
1925	JOHNSON MARY R	R. L. Polk & Co. of California

1673 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	LUEDEMAN DENNIS	PACIFIC BELL DIRECTORY
1992	LUEDEMAN DENNIS	PACIFIC BELL DIRECTORY
1991	Luedeman Dennis Lueders Gunnar	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1980	Deak Manufacturing	Pacific Telephone
1967	PARKER PHYLLIS MRS	R. L. Polk Co.
1962	Parker Raymond T	Pacific Telephone
1943	LEE Lula Mrs smstrs r BAILEY Saml lab r BAILEY Gertrude wid Fred h	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1938	SHESTEK JAMES R	Pacific Telephone
1928	1671 Ignaculus P Shestek Eros H	R.L. Polk and Co of California
1920	SHESTEK L R	R. L. Polk & Co. of California

1674 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	LEWIS EDDIE R	Pacific Telephone
1933	FRANCIS MARION M (ISABELLA) TAILOR FRANCIS ISABEL MRS JAN OKLD LIBRARY DEPT R	R. L. Polk & Co. R. L. Polk & Co.
1928	naugh Marion M Isabella tailo R Ga Geo Indywkr R	R.L. Polk and Co of California R.L. Polk and Co of California

FINDINGS

1675 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	way Minnie wid H A H	R.L. Polk and Co of California
	MARTIN C lab R	R.L. Polk and Co of California

1677 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	LEWIS JOHN GLASS STUDIO	PACIFIC BELL DIRECTORY
1986	Lewis John Glass Studio	PACIFIC BELL WHITE PAGES
1980	Lewis John Glass Studio	Pacific Telephone
1975	LEWIS JOHN GLASS STUDIO	Pacific Telephone
1970	LEWIS JOHN DESIGNS IN HAND BLOWN GLASS	Pacific Telephone Directory
1967	MACRI IRON WORKS	R. L. Polk Co.
1962	Macri Iron Works	Pacific Telephone
1955	MACRI IRON WORKS	The Pacific Telephone & Telegraph Co.
1933	ESPINA EPIGMENIO (JUANA) LAB H	R. L. Polk & Co.
	SAMANIEGO GILBERT LAB R	R. L. Polk & Co.

1680 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	6 PETTY PETER	PACIFIC BELL DIRECTORY
1991	Petty Peter	PACIFIC BELL WHITE PAGES
1986	Petty Robt Jr	PACIFIC BELL WHITE PAGES
	Petty Peter	PACIFIC BELL WHITE PAGES
1980	Petty Peter	Pacific Telephone
1975	PETTY PETER	Pacific Telephone
1945	JOHNSON J M R	The Pacific Telephone & Telegraph Co.
1943	Dickson Rupert h	R. L. Polk & Co.
1933	BAILEY PRUDIE (WID FRED) R	R. L. Polk & Co.
	LEE THOS R (LULU) WAITER H	R. L. Polk & Co.
1928	Shiozawa K shoe repr	R.L. Polk and Co of California
	R	R.L. Polk and Co of California

1681 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Jurs S	PACIFIC BELL WHITE PAGES
1980	Jurs S	Pacific Telephone
1975	FOXY LADY	Pacific Telephone
1967	VACANT	R. L. Polk Co.
1962	Van S Laboratories	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Cavalier of California shoe drsngrs	Pacific Telephone
1955	VAN S LABORATORIES	The Pacific Telephone & Telegraph Co.
	CAVALIER OF CALIF SHOE DRSNGS	The Pacific Telephone & Telegraph Co.
1933	OAKLAND CITY GOVERNMENT	R. L. Polk & Co.
	OAKLAND CITY GOVERNMENT	R. L. Polk & Co.
1928	Truck Co No 3	R.L. Polk and Co of California
	FIRE DEPARTMENT Oakland Headquarters City Hall Wm G Lutkey Chief	R.L. Polk and Co of California
	Engine Co No 3	R.L. Polk and Co of California
	FIRE DEPARTMENT Oakland Headquarters City Hall Wm G Lutkey Chief	R.L. Polk and Co of California

1684 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	KALLSTROM EDW B MARINER H	R. L. Polk & Co.
	BROWN JOS RESTR	R. L. Polk & Co.
1928	N Jos Nettie driver H	R.L. Polk and Co of California
	R	R.L. Polk and Co of California
	Jose C gro	R.L. Polk and Co of California

1685 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Pittman Isle	PACIFIC BELL WHITE PAGES
	Pittman J	PACIFIC BELL WHITE PAGES
	Pittman Jerry L Jr	PACIFIC BELL WHITE PAGES
1980	Pittman Isie	Pacific Telephone
1975	PITTMAN ISLE	Pacific Telephone
1970	PITTMAN ISIE	Pacific Telephone Directory
	STARKE ISOM	Pacific Telephone Directory
1967	BARNES DOLORES MRS	R. L. Polk Co.
1945	HARRIS WILLIAM MRS R	The Pacific Telephone & Telegraph Co.
1943	Harris Mary J Mrs h	R. L. Polk & Co.
	Jedkins Hebart whsmn r	R. L. Polk & Co.
	Mack Annabelle Mrs r	R. L. Polk & Co.
	MOORE Helen r	R. L. Polk & Co.
	Reitz Albt jan r	R. L. Polk & Co.
	Smith Clyde lab r	R. L. Polk & Co.
	Thomazin Annie M restrwkr r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	THOMAS ROBT M (DOROTHY) PORTER H	R. L. Polk & Co.
1928	Chertzoff Carl car clnr R av Tracy Anita driver H	R.L. Polk and Co of California R.L. Polk and Co of California

1686 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PEASRON Kevin	Haines Company, Inc.
2000	GRANT C	Pacific Bell
1975	HOIL ILE SAVANNAH	Pacific Telephone
1970	COPELAND WALTER	Pacific Telephone Directory
1967	COPELAND WALTER	R. L. Polk Co.
1962	Sykes Meddie	Pacific Telephone
1945	WILLIAMS MARJORIE MRS R	The Pacific Telephone & Telegraph Co.
1943	Williams John S Marjorie R constrwkr h	R. L. Polk & Co.

1687 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	HARRINGTON ALEX	Pacific Telephone Directory
1967	A POLK CARMEN L MRS	R. L. Polk Co.
1955	BYRD T Z	The Pacific Telephone & Telegraph Co.
1945	COLE WILLIAM R	The Pacific Telephone & Telegraph Co.
1943	Cole Sally Mrs h Cole Wm shipydwkr r Estes Marion shipydwkr r GREEN Alleita L Mrs kitchen wkr r THOMAS Jas shipydwkr r Wilson Amos shipydwkr r	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1933	JOHNSON CHAS (SELINA) LAB SPCO H	R. L. Polk & Co.
1928	r Chas Silena H av Louis C billiards R av Louis C billiards R	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California

1688 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	FLETCHER LORENZO JR	PACIFIC BELL DIRECTORY
1991	Fletcher M Fletcher Lorenzo Jr	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Flecher Lorenzo Jr	PACIFIC BELL WHITE PAGES
1980	Flecher Lorenzo Jr	Pacific Telephone
1970	EDWARDS V D	Pacific Telephone Directory
1967	EDWARDS WILLIE MRS	R. L. Polk Co.
1962	Edwards V D	Pacific Telephone
1955	EVANS CHAS	The Pacific Telephone & Telegraph Co.
1943	Lawrey Frank Ann h	R. L. Polk & Co.

1691 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1970	BROWN GLADYS	Pacific Telephone Directory
1967	STEWART MARY L	R. L. Polk Co.
1943	MILLER Clara waiter r	R. L. Polk & Co.
	MILLER Constance restrwkr r	R. L. Polk & Co.
	NELSON Ruth waiter r	R. L. Polk & Co.
1933	BROWN LEON (WYOMING) WAITER H	R. L. Polk & Co.
	DABNEY MARY J (WID EZKIEL) H	R. L. Polk & Co.
	ROBINSON ANDW LAB R	R. L. Polk & Co.
1928	E Ethel Mrs H	R.L. Polk and Co of California
	Buena Henry Effe porter H	R.L. Polk and Co of California
1925	SHELDON MRS L R	R. L. Polk & Co. of California

1692 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HARVEY Randy	Haines Company, Inc.
	HARVEY Randy	Haines Company, Inc.
2000	BROWN R	Pacific Bell
1970	NASH OSCAR	Pacific Telephone Directory
1967	NASH OSCAR	R. L. Polk Co.
1962	Nash Oscar	Pacific Telephone
1955	MULLINS WILLIE RUTH	The Pacific Telephone & Telegraph Co.
1943	Dumas Chester Gertrude constwkr h	R. L. Polk & Co.
1933	MOORE WM M (EVA) LAB H	R. L. Polk & Co.
1928	Inc Wm Eva porter H	R.L. Polk and Co of California

1693 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	BOBY REOLA MRS	R. L. Polk Co.
1945	BOBY REOLA LEE R	The Pacific Telephone & Telegraph Co.
1943	Bentley Harvey Annie lab h	R. L. Polk & Co.
	Bentley Willard mech r	R. L. Polk & Co.
	Kennedy Albt fctywkr r	R. L. Polk & Co.
1933	SHELDON LOUISE (WID W M) LNDYWKR H	R. L. Polk & Co.
1928	h Nita wid Henry H	R.L. Polk and Co of California

1694 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JONES Reginald	Haines Company, Inc.
2000	JONES REGINALD	Pacific Bell
1967	TYLER L E MRS	R. L. Polk Co.
1962	Thorne Jessie	Pacific Telephone
1955	THORNE JESSIE	The Pacific Telephone & Telegraph Co.
1943	Seavers Wm Lucille h	R. L. Polk & Co.
1933	JENNER RUBY S NURSE R	R. L. Polk & Co.
	JENNER EMILY J MRS H	R. L. Polk & Co.
1928	Jenner Emilv wid Harry S H	R.L. Polk and Co of California

1695 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	ISOM STARKS	R. L. Polk Co.
1955	BARNES MCKINLEY	The Pacific Telephone & Telegraph Co.
	NOAH DINATHAN J	The Pacific Telephone & Telegraph Co.
1943	Harrison Addie B wid Shadrach h	R. L. Polk & Co.
	Jackson Millie clk r	R. L. Polk & Co.
	Kirtman Patricia clk NSB r	R. L. Polk & Co.
	MOORE Frances clk NSB r	R. L. Polk & Co.
	Jackson Lula smstrs r	R. L. Polk & Co.
1933	BROY MCGUIRE CLK R	R. L. Polk & Co.
	HALLMAN SUSAN E MRS LNDYWKR H	R. L. Polk & Co.
	WALKER EMMA MRS EVANGELIST R	R. L. Polk & Co.

1696 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NELSON Matfie	Haines Company, Inc.
1970	REED BERNICE	Pacific Telephone Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	REED ANDREW TE	R. L. Polk Co.
1962	Ambres Lula Mae	Pacific Telephone
1943	Vaden Therman S Mary E shipydwr h	R. L. Polk & Co.
1928	Inman John Mary H r Jas L R	R.L. Polk and Co of California R.L. Polk and Co of California
1925	BROWN MRS MARY R	R. L. Polk & Co. of California

1697 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Page Robt	Pacific Telephone
1975	PAGE ROBT	Pacific Telephone
1970	PAGE ROBT	Pacific Telephone Directory
1967	PAGE ROBT	R. L. Polk Co.
1962	Page Robt	Pacific Telephone
1955	WHITE THERESA	The Pacific Telephone & Telegraph Co.
1943	Mc Henry Chas lab r Weldon Cornelius r Weldon Wilson Birdie shipydwr h	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.

1698 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	SHIOZAWA YOSHINDO R	Pacific Telephone
1933	SHIOZAWA YOSHINDO SHOE REPR	R. L. Polk & Co.

1699 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	BIRD NEST GROCERY 6 MARKET BROWN GENEVA	R. L. Polk Co. R. L. Polk Co.
1962	Isom Starks Corner Grocery	Pacific Telephone Pacific Telephone
1955	CORNER GROCERY ISOM STARKS	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1943	Church of God	R. L. Polk & Co.
1928	Summer Geo T Vada 2d hd gds	R.L. Polk and Co of California
1920	CYPRIAN M A GROCS	R. L. Polk & Co. of California

1700 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT 1700 THRU	R. L. Polk Co.
1962	Lees Pacific Food Store	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LEE S PACIFIC FOOD STORE	The Pacific Telephone & Telegraph Co.
1945	PAC FOOD STORE	The Pacific Telephone & Telegraph Co.
1943	Cyprian & Bako M A Cyprian John Bako jr gro	R. L. Polk & Co.
1938	CYPRIAN M A GROC	Pacific Telephone
1933	CYPRIAN MATE A GRO	R. L. Polk & Co.
1928	Cyprian & Markota Michl Cyprian M S Markota Cyprian gro	R.L. Polk and Co of California
1925	CYPRIAN M A GROCS	R. L. Polk & Co. of California
1920	WILLOW STREET INN	R. L. Polk & Co. of California

1701 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Remlinger Jos L Mary A clk h	R. L. Polk & Co.
1933	GRADENIGO OSCAR (LUCY) TOYMKR	R. L. Polk & Co.
1928	Gradenigo Oscar Lucy locksmth	R.L. Polk and Co of California
1920	FOY JOHN B R	R. L. Polk & Co. of California

1702 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	DIXON MILLIE R	The Pacific Telephone & Telegraph Co.
1938	ROY ISABELLA R	Pacific Telephone
1933	CHIASON FELIX LAB R	R. L. Polk & Co.
1928	Penniman Larnders R	R.L. Polk and Co of California
	Miles Isabella wid Edw H	R.L. Polk and Co of California
	Roy Albt stdt R	R.L. Polk and Co of California
1925	PIPER MRS LILLIE R	R. L. Polk & Co. of California

1703 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Montgomery Ralph shipydwkr r	R. L. Polk & Co.
	Jefferson Thos Annie lab r	R. L. Polk & Co.
	Daniels Oscar shipydwkr r	R. L. Polk & Co.
	Brown Thos lab r	R. L. Polk & Co.
	Owen Ethel Mrs h	R. L. Polk & Co.

1705 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Willis Redwin mech r	R. L. Polk & Co.
	Willis Eliz wid John maid h	R. L. Polk & Co.
	Willis Herman J mtlsmith NAS r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Willis Jas r	R. L. Polk & Co.
1933	FAJARDO PETER (ELIZ) SEAMN H	R. L. Polk & Co.
1928	n Jesus lab R	R.L. Polk and Co of California
	n Francisco lab R	R.L. Polk and Co of California
	MARTINEZ Miguel lab H	R.L. Polk and Co of California
	n Jos lab R	R.L. Polk and Co of California

1706 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Hammeen	Haines Company, Inc.
	MOHAMMED	Haines Company, Inc.
1996	SLAUGHTER OLIVET	PACIFIC BELL DIRECTORY
1992	SLAUGHTER OLIVET	PACIFIC BELL DIRECTORY
1991	Slaughter Patrice	PACIFIC BELL WHITE PAGES
	Slaughter Olivet	PACIFIC BELL WHITE PAGES
1986	Slaughter Olivet	PACIFIC BELL WHITE PAGES
1980	Slaughter Olivet	Pacific Telephone
1970	SLAUGHTER OLIVET	Pacific Telephone Directory
1967	SLAUGHTER OLIVET MRS	R. L. Polk Co.
1945	BAKO JOHN R	The Pacific Telephone & Telegraph Co.
1943	Bako Anna M clk r	R. L. Polk & Co.
	Bako Gus millwkr r	R. L. Polk & Co.
	Bako John jr Cyprian & Bako r	R. L. Polk & Co.
	Bako Mary wid John h	R. L. Polk & Co.
	Bako Mary G Indywkr r	R. L. Polk & Co.
1933	BAKO JOHN JR CLK R	R. L. Polk & Co.
	BALSO JOHN CLK R	R. L. Polk & Co.
	BAKO JOHN (MARY) CAR CLNR H	R. L. Polk & Co.
	BAKO GUS CLK R	R. L. Polk & Co.
1928	Bako Pauline clk R	R.L. Polk and Co of California
	Bako John jr clk R	R.L. Polk and Co of California
	Bako John Mary car clnr H	R.L. Polk and Co of California

1707 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	ATKINS Earl Christine shipydwkr h	R. L. Polk & Co.
	Tyler Wm shipydwkr r	R. L. Polk & Co.
	Tyler Emanuel shipydwkr r	R. L. Polk & Co.

FINDINGS

1708 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1996	FLOOD GLADYS	PACIFIC BELL DIRECTORY
1992	FLOOD GLADYS	PACIFIC BELL DIRECTORY
1991	Flood J	PACIFIC BELL WHITE PAGES
	Flood Gladys	PACIFIC BELL WHITE PAGES

1709 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Chivolla Michl lab h	R. L. Polk & Co.
	Chivolla Cora Mrs r	R. L. Polk & Co.
1928	Panomitros Jos lab R	R.L. Polk and Co of California
	Panomitros John L carp R	R.L. Polk and Co of California
	Panomitros Geo car repr H	R.L. Polk and Co of California

1710 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FLOOD Gadys	Haines Company, Inc.
	JORDAN Charles	Haines Company, Inc.
2000	FLOOD GLADYS	Pacific Bell
1970	RICE WILBUR ALAMEDA	Pacific Telephone Directory
1967	NOAH DINATHAN J	R. L. Polk Co.
1962	Murphy L H Rev	Pacific Telephone
1955	COFFIN ALFRED E ALAMEDA	The Pacific Telephone & Telegraph Co.
	MURPHY L H REV	The Pacific Telephone & Telegraph Co.
1945	BELL & BELL PAINTERS & DEC	The Pacific Telephone & Telegraph Co.
	BELL JAMES BELL & BELL PAINTERS & DEC	The Pacific Telephone & Telegraph Co.
	MCCREERY ROBERT N R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	Anson Chas mech r	R. L. Polk & Co.
	Bell Jas pntr h	R. L. Polk & Co.
	Sexty Geo pntr r	R. L. Polk & Co.
	Tavis Marion Y Revenia fndywkr h	R. L. Polk & Co.
1938	BELL JAMES BELL & BELL PAINTERS & DEC	Pacific Telephone
	BELL & BELL PAINTERS & DEC	Pacific Telephone
	LUDEMANN HARRY W R	Pacific Telephone
1933	BELL HARRIET (WID JAS) H	R. L. Polk & Co.
	BELL JAS R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	LUDEMANN HARRY W (EDNA) H ALAMEDA	R. L. Polk & Co.
	LUDEMANN TAPPAN H R ALAMEDA	R. L. Polk & Co.
1928	Section Harriet wid Jas H	R.L. Polk and Co of California
1925	BELL MRS JAMES R	R. L. Polk & Co. of California

1711 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LOGAN WM ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	POOR HARRY W R ALAMEDA	The Pacific Telephone & Telegraph Co.
1938	POOR HARRY W R	Pacific Telephone
1933	REIMERS JOHN C (ANNA) ACCT WHITE CO H ALAMEDA	R. L. Polk & Co.

1712 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JOHNSON Diana	Haines Company, Inc.
1970	STAPLES TIMOTHY G ALAMEDA	Pacific Telephone Directory
1967	VACANT 1712 THRU	R. L. Polk Co.
1955	STAJOHANN MARTIN R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	STAJOHANN MARTIN R ALAMEDA	The Pacific Telephone & Telegraph Co.
1938	STAJOHANN MARTIN R	Pacific Telephone
1933	TOWLE RUSSELL V CHEMIST R ALAMEDA	R. L. Polk & Co.
	SINCLAIR LULU R ALAMEDA	R. L. Polk & Co.
	STAJOHANN MARTIN (NELLIE E) STOREKPR H ALAMEDA	R. L. Polk & Co.
1925	STAJOHANN MARTIN R	R. L. Polk & Co. of California

1713 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BOWEN WM G ALAMEDA	Pacific Telephone Directory
1955	BOWEN WM G ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	WILLIAMS GEORGE R ALAMEDA	The Pacific Telephone & Telegraph Co.
1933	RAY PAUL S (SEDALIA M) GAS STA ALAMEDA	R. L. Polk & Co.

1715 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	NAGANO JIRO BERKELEY	Pacific Telephone Directory
1955	NAGANO JIRO R BERKELEY	The Pacific Telephone & Telegraph Co.

FINDINGS

1716 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e FREEMANJon	Haines Company, Inc.
1970	RUEBEL CECILE ALAMEDA	Pacific Telephone Directory
1955	RUEBEL CECILE R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	RUEBEL AL R ALAMEDA	The Pacific Telephone & Telegraph Co.
1938	KRIETE MINNIE S MRS R	Pacific Telephone
1933	KRIETE MINNIE MRS H ALAMEDA	R. L. Polk & Co.
1928	n John lab R	R.L. Polk and Co of California
	Kriete Minnie Mrs R	R.L. Polk and Co of California
1925	MULLER D R	R. L. Polk & Co. of California
1920	MULLER D R	R. L. Polk & Co. of California

1717 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FERGUSON Cheaster	Haines Company, Inc.
2000	TAYLOR BENNIE	Pacific Bell
1996	MARTIN ANTHONY	PACIFIC BELL DIRECTORY
1986	Crawford Jas	PACIFIC BELL WHITE PAGES
1980	Crawford Jas	Pacific Telephone
1975	NELSON PATRICIA	Pacific Telephone
1970	MONTELL CATHERINE A ALAMEDA	Pacific Telephone Directory
	LEE DENNIS	Pacific Telephone Directory
1967	LEE DENNIS	R. L. Polk Co.
1962	Statum Ben	Pacific Telephone
	Lee Dennis G DDS	Pacific Telephone
	Lee Dennis	Pacific Telephone
1955	MONTELL CATHERINE A ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	MONTELL CHARLES R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	Matthews Alton constwkr r	R. L. Polk & Co.
	Matthews David Dora constwkr h	R. L. Polk & Co.
	PURDY Guy mech r	R. L. Polk & Co.
1933	MONTELL RICHD W (CATH) SLSMN H ALAMEDA	R. L. Polk & Co.
1928	Fakoury Assad Helen H	R.L. Polk and Co of California
	Fakoury Chas R	R.L. Polk and Co of California
	1712 Nich Kath N Fakoury & Bro H	R.L. Polk and Co of California
1925	MONTELL R W R	R. L. Polk & Co. of California
1920	LONG MRS K C R	R. L. Polk & Co. of California
	WELLS O R R	R. L. Polk & Co. of California

FINDINGS

1718 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	SMITH L A R	The Pacific Telephone & Telegraph Co.
1945	SCOBAY SAML E R	The Pacific Telephone & Telegraph Co.
	SMITH L A R	The Pacific Telephone & Telegraph Co.
1943	Thompson Caleb Ruth shipydwkr r	R. L. Polk & Co.
	Sweetwine Earl Roberta cook r	R. L. Polk & Co.
	SMITH Louis A Julia porter r	R. L. Polk & Co.
	Lewis Ernest shipydwkr r	R. L. Polk & Co.
	Garfield Guy shipydwkr r	R. L. Polk & Co.
	Dellums Cottrell L Walta L billiards	R. L. Polk & Co.
	Dabney Nettie Mrs r	R. L. Polk & Co.
	CLARK Stella Mrs h	R. L. Polk & Co.
1933	MOSEE CHAS (ELSIE) LAB H	R. L. Polk & Co.
1928	H Edw R R	R.L. Polk and Co of California
	Donnizan Jeremiah R	R.L. Polk and Co of California
	Aileen Lee Bertha porter H	R.L. Polk and Co of California
1920	THOMAS MRS CARRIE E R	R. L. Polk & Co. of California

1719 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	PERKINS KINDRED H BERKELEY	Pacific Telephone Directory
1955	MAST WALTER A ALAMEDA	The Pacific Telephone & Telegraph Co.
	GARCIA JESS R BERKELEY	The Pacific Telephone & Telegraph Co.
	TURK ED ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	SAVIGNAC JOHN R ALAMEDA	The Pacific Telephone & Telegraph Co.
	CASSIDY ELEANOR R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	SAVIGNAC A MRS R	Pacific Telephone
1933	SAVIGNAC JOHN (ANGELE) TAILOR H ALAMEDA	R. L. Polk & Co.
	MARSHALL SOPHIA MLNR R BERKELEY	R. L. Polk & Co.
	MARSHALL RICHD PNTR R BERKELEY	R. L. Polk & Co.
	MARSHALL MARY FACTYWKR R BERKELEY	R. L. Polk & Co.
	MARSHALL KATH MRS H BERKELEY	R. L. Polk & Co.
	JOHNSON R (SOPHIE) H BERKELEY	R. L. Polk & Co.
1928	H Kath Mrs H	R.L. Polk and Co of California
	wood S R	R.L. Polk and Co of California
1925	HOOVER M F R	R. L. Polk & Co. of California
	SAVIGNAC MRS A R	R. L. Polk & Co. of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	HOOVER M F R	R. L. Polk & Co. of California
	SAVIGNAC MRS A R	R. L. Polk & Co. of California

1720 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	COO	Haines Company, Inc.
1970	KEATOR SCOTT T ALAMEDA	Pacific Telephone Directory
	BROWN ZELLENA	Pacific Telephone Directory
1967	BROWN JOHN E	R. L. Polk Co.
1955	KEATOR MAUD C R ALAMEDA	The Pacific Telephone & Telegraph Co.
1945	KEATOR MAUD C R ALAMEDA	The Pacific Telephone & Telegraph Co.
1943	Jones Oscar r	R. L. Polk & Co.
	Battles Davey Eleanor shipydwkr r	R. L. Polk & Co.
	Ashner Lucy Mrs maid h	R. L. Polk & Co.
1938	KEATOR MAUD C R	Pacific Telephone
1933	GREGORY VERNON L (RUTH) PHOTO ENGR H ALAMEDA	R. L. Polk & Co.
1928	rr Marie wid Frnk H	R.L. Polk and Co of California
	r John L marine firemn R	R.L. Polk and Co of California
1925	CRAWFORD RAY W R	R. L. Polk & Co. of California
1920	GARDNER HELEN NURSE	R. L. Polk & Co. of California

1721 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MALANCHE ANTONIO J BERKELEY	Pacific Telephone Directory
1955	BRIA MADALENA BERKELEY	The Pacific Telephone & Telegraph Co.
1945	LEHMAN HERMAN C R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	BRIA JIM R	Pacific Telephone
1933	BRACCO CANDIDA MRS H BERKELEY	R. L. Polk & Co.
	GARELLO CELSO LAB R BERKELEY	R. L. Polk & Co.
	GARELLO DOVIGLIO LAB R BERKELEY	R. L. Polk & Co.
	GARELLO PASQUALE LAB H BERKELEY	R. L. Polk & Co.
1928	Truck R H	R.L. Polk and Co of California
1925	BRACCO MRS C R	R. L. Polk & Co. of California

1722 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BROADNAXMaadaro	Haines Company, Inc.
1967	GODFREY MATTIE MRS	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LOWERY DALE	The Pacific Telephone & Telegraph Co.
	WILLIAMS LEE BIRTHA	The Pacific Telephone & Telegraph Co.
1943	CARTER Matt Ella cook h	R. L. Polk & Co.
	Chesterfield Robt L whsmn r	R. L. Polk & Co.
	Correia Margt Indywkr r	R. L. Polk & Co.
	Simon Thelma waiter r	R. L. Polk & Co.
	Symon Thelma Mrs waiter r	R. L. Polk & Co.
	Young David mech r	R. L. Polk & Co.
1933	BATES WILLIE M MRS WAITER H	R. L. Polk & Co.
	SMITH CLAUDE G WAITER R	R. L. Polk & Co.
1928	av Julia wid Bruno H	R.L. Polk and Co of California

1723 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1996	GERKE JAMES	PACIFIC BELL DIRECTORY
1970	KESLER OLIVER F ALAMEDA	Pacific Telephone Directory
	PANIAGUA CHRISTINE BERKELEY	Pacific Telephone Directory
	STERLING JOS A	Pacific Telephone Directory
1967	STERLING JOSEPH	R. L. Polk Co.
1962	Sterling Jos r	Pacific Telephone
1955	BURKE CHRISTINE B BERKELEY	The Pacific Telephone & Telegraph Co.
	KESLER OLIVER F ALAMEDA	The Pacific Telephone & Telegraph Co.
	STERLING JOS R	The Pacific Telephone & Telegraph Co.
	WIKSTEN JALMAR R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	BLAKE T F R ALAMEDA	The Pacific Telephone & Telegraph Co.
	CARLO PAULINE MRS R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Erceg Anthony Kath mach h	R. L. Polk & Co.
	Erceg Anthony jr r	R. L. Polk & Co.
	Erceg Frank mech r	R. L. Polk & Co.
	Erceg Helen r	R. L. Polk & Co.
1938	BLAKE T F R	Pacific Telephone
	ERCEG ANTHONY R	Pacific Telephone
1933	BLAKE THOS F (ELLA) PHARM H ALAMEDA	R. L. Polk & Co.
	COLEMAN WILLIE M (WID W E) BEAUTY OPR H	R. L. Polk & Co.
	KRASOVICH JOHN (ROSE) H BERKELEY	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	WALDRON MARY (WID W M) R ALAMEDA	R. L. Polk & Co.
1928	Ferrero Amela wid Michl H B rine stdt R stare Rena V waiter R Krosovich Anton baseball player R Krosovich John Rose lab H Krosovich Jos lab R	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California
1925	BANTA F W R	R. L. Polk & Co. of California
1920	BLAKE T F R WALDRON W M R	R. L. Polk & Co. of California R. L. Polk & Co. of California

1725 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Washington T N Washington T	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1970	GARCIA SALVADOR BERKELEY	Pacific Telephone Directory
1967	VACANT	R. L. Polk Co.
1955	JURGENSEN W BERKELEY FULLER MAJOR	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.
1943	Denney Bessie Mrs h Brown Ule A Ethelyn lab h	R. L. Polk & Co. R. L. Polk & Co.
1933	HARING FRANK (RUTH) SHTMTLWKR H BERKELEY WOODWARD MARTHA E MRS R BERKELEY	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1928	Bias Rafala lab H B Edw Alice H Corrito Bias RCafala lab H	R.L. Polk and Co of California R.L. Polk and Co of California R.L. Polk and Co of California

1617B 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BROWN DOYLE ALAMEDA	The Pacific Telephone & Telegraph Co.

1613 1/2 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ELLIS D J	The Pacific Telephone & Telegraph Co.

1638 1/2 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	FIELDS R E R BERKELEY	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	QUARELLO EMILLO R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	CAMP ARTHUR W R	Pacific Telephone

C CAMPBELL VILLAGE CT

801 C CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	SMITH LILLIE C R	The Pacific Telephone & Telegraph Co.

CAMPBELL

712 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Beverly Arthur L	Pacific Telephone
	Mc Woodson Fannie M	Pacific Telephone
	Reed Gary B	Pacific Telephone

724 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Williams Katherine	Pacific Telephone

729 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Mills Ruffner M	Pacific Telephone

731 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Perry Shirley M	Pacific Telephone

734 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Green Leaner Mrs	Pacific Telephone
1950	BENNETT JOS R	The Pacific Telephone & Telegraph Co.

800 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Prescott	Pacific Telephone

801 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Reed Bernice	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Hall Clarice	Pacific Telephone
	Rayford Ruby	Pacific Telephone

877 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	St Patricks Center	Pacific Telephone

901 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	George Willie	Pacific Telephone

907 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Thomas Wiley J	Pacific Telephone

909 CAMPBELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	King Mattie Mrs	Pacific Telephone

CAMPBELL AVE

775 CAMPBELL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CONGER ROY G	Pacific Bell

CAMPBELL CT

712 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	BEVERLY ARTHUR L	Pacific Telephone
	GARDNER PETE	Pacific Telephone
	MC WOODNON FANNIE M	Pacific Telephone
1970	KING CHERRIE	Pacific Telephone Directory
1955	PARKER CLARA MAE	The Pacific Telephone & Telegraph Co.

718 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BUTLER GRACIE	The Pacific Telephone & Telegraph Co.
	CARY ROBT	The Pacific Telephone & Telegraph Co.

FINDINGS

719 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WILLIS VIRGINIA	Pacific Telephone Directory
1955	WALLACE GERTIE	The Pacific Telephone & Telegraph Co.

723 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MC NEAL M C	The Pacific Telephone & Telegraph Co.

724 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	JONES CLONUS	The Pacific Telephone & Telegraph Co.

728 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WALKER GRACE MAE	Pacific Telephone Directory
1955	MONROE JOHN C	The Pacific Telephone & Telegraph Co.

729 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	MWILLS RUFFNER M	Pacific Telephone
1955	TAYLOR RACHEL LOUISE	The Pacific Telephone & Telegraph Co.

731 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	PRICE VIRGIE	Pacific Telephone Directory
1955	JOHNSON OSCAR	The Pacific Telephone & Telegraph Co.

732 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	ROBINSON KIRBY R	The Pacific Telephone & Telegraph Co.

734 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	GREEN LEANER MRS	Pacific Telephone
1970	GREEN LEANER MRS	Pacific Telephone Directory

738 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	TAYLOR WILLIE	Pacific Telephone Directory

FINDINGS

739 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	CHERRY MARY	Pacific Telephone Directory

800 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	OAKLAND PUBLIC SCHOOLS	Pacific Telephone Directory

801 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	THOMAS LUCY MAE	Pacific Telephone Directory
1955	HOPKINS D H	The Pacific Telephone & Telegraph Co.

854 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Shipp Richd Ethel chauf h	R. L. Polk & Co.

855 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Hernandez Lee M Mollie constwkr h	R. L. Polk & Co.

858 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Young Gerald W Dorothy D shipydwkr h	R. L. Polk & Co.

859 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Pennewell Geo Cath whsmn r	R. L. Polk & Co.

860 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Goehring Andw Thelma shipydwkr h	R. L. Polk & Co.

861 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	FOX J C	The Pacific Telephone & Telegraph Co.
	WALKER BARBARA G MRS	The Pacific Telephone & Telegraph Co.
1943	Cox Olester Rhodelia porter h	R. L. Polk & Co.

864 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Soto John Edith h	R. L. Polk & Co.

FINDINGS

865 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	METTERS L L REV	Pacific Telephone Directory
1955	PIPER JANE	The Pacific Telephone & Telegraph Co.
1943	Jinkens Jas A Margt C dredgeman h	R. L. Polk & Co.

866 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Tatmon Emeld Leona whsmn NSB h	R. L. Polk & Co.

867 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DAVENPORT ARLENE	Pacific Telephone Directory
1943	Buchanan Claude Alberta waiter h	R. L. Polk & Co.

870 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Swanigan Harold Virginia h	R. L. Polk & Co.

871 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	SIMPSON MABLE L	Pacific Telephone Directory
1955	ALLEN JACK CLARK SR	The Pacific Telephone & Telegraph Co.
1943	Puckett Mark A Violet L mach h	R. L. Polk & Co.

872 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	CONWAY Jacqueline Mrs h	R. L. Polk & Co.

873 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Young John M Eliz h	R. L. Polk & Co.

876 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	HUDSON Lloyd W Phyllis welder h	R. L. Polk & Co.

877 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Beckmann Theo L Gladys E mach h	R. L. Polk & Co.
1928	Black John R	R.L. Polk and Co of California

FINDINGS

878 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Kedney Wm H Susie F mach h	R. L. Polk & Co.

879 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Abangan Jos h	R. L. Polk & Co.

882 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Mc Clellan Roy Marie h	R. L. Polk & Co.

883 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PENNEWELL GEO W	The Pacific Telephone & Telegraph Co.
1943	Cannuli Anthony F Alice shipydwkr h	R. L. Polk & Co.

884 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	JOHNSON Wm B Marie pntr h	R. L. Polk & Co.

885 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FLETCHER JACKIE	Pacific Telephone
1943	Goode Wm J Janie A waiter h	R. L. Polk & Co.

888 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Ousley Howard Amy waiter h	R. L. Polk & Co.

889 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	HALL PATTY J	Pacific Telephone Directory
1955	WILSON BOBBIE	The Pacific Telephone & Telegraph Co.
1943	ENGLISH Rudolph clk r	R. L. Polk & Co.
	Marlais Frank Augusta car clnr h	R. L. Polk & Co.

890 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Wheatley Maurice Emily shipydwkr h	R. L. Polk & Co.

FINDINGS

891 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	RUBLE EDITH	Pacific Telephone Directory
1943	Totty Booker Audrey h	R. L. Polk & Co.

894 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Pontiflet Ernest J Margt P welder h	R. L. Polk & Co.

895 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Smith David Marjorie h	R. L. Polk & Co.

896 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Galloway Sylvester Vester whsmn h	R. L. Polk & Co.

897 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Rodrigues Jos G Bernice shipydwkr h	R. L. Polk & Co.

898 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PRESCOTT SCHOOL	The Pacific Telephone & Telegraph Co.

900 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Basica Paul A Anna h	R. L. Polk & Co.

901 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	RANDOLPH ABIGAIL	Pacific Telephone Directory
1955	HUDSON RAYMOND L	The Pacific Telephone & Telegraph Co.
1943	LOUIS Jos J Irene pntr NAB h	R. L. Polk & Co.

902 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Sessoms Jas C Emma M cook h	R. L. Polk & Co.

903 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MILLS DOROTHY	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Bateman Jos A Doris A shipwright h	R. L. Polk & Co.
	Bateman Jos A jr shipftr r	R. L. Polk & Co.

906 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Donaldson Lewis J Edna h	R. L. Polk & Co.

907 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	GORDON M E	Pacific Telephone Directory
	DEWAR GRACE M	Pacific Telephone Directory
1955	GORDON MARY ETTA	The Pacific Telephone & Telegraph Co.
1943	Lilley Francis Mary shipydwkr h	R. L. Polk & Co.

908 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	ROLLINS Paul Alice h	R. L. Polk & Co.

909 CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	KING MATTIE MRS	Pacific Telephone
1970	ODOMS LUTHER JR	Pacific Telephone Directory
	ODOMS LUTHER	Pacific Telephone Directory
1955	LANZY GEO	The Pacific Telephone & Telegraph Co.
1943	GROVE Jos H Viola W driver h	R. L. Polk & Co.
	GROVE Nellie L Mrs r	R. L. Polk & Co.

801A CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	HENDERSON HENRY	Pacific Telephone Directory

801B CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	ELLIOTT ESSIE	Pacific Telephone Directory

801C CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	HAMMOND IRENE	Pacific Telephone Directory
1955	HAMMOND IRENE	The Pacific Telephone & Telegraph Co.

FINDINGS

801D CAMPBELL CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DANIELS CHRISTENE	Pacific Telephone Directory

CAMPBELL ST

703 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	ELLIOTT John Lilla shipydwkr h	R. L. Polk & Co.
1938	MCDANIELS MACK R	Pacific Telephone
1933	DANIELS MACK COOK R	R. L. Polk & Co.
	DENNIS ADRIAN LAB H	R. L. Polk & Co.
	ELLIS A C MACH R	R. L. Polk & Co.
	JOHNSON WM R	R. L. Polk & Co.

710 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	YOUNG WOMEN UNITED FOR OAKLAND	Pacific Bell

712 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BEVERLY Arthur L	Haines Company, Inc.
	MCWOODSON Fannie	Haines Company, Inc.
2000	1 BEVERLY ARTHUR L	Pacific Bell
	3 MC WOODSON FANNIE M	Pacific Bell
1996	1 BEVERLY ARTHUR L	PACIFIC BELL DIRECTORY
	3 MC WOODSON FANNIE M	PACIFIC BELL DIRECTORY
1992	1 BEVERLY ARTHUR L	PACIFIC BELL DIRECTORY
	3 MC WOODSON FANNIE M	PACIFIC BELL DIRECTORY
1991	Mc Woodson Fannie M	PACIFIC BELL WHITE PAGES
	Mc Woodson K	PACIFIC BELL WHITE PAGES
	Mc Wright John	PACIFIC BELL WHITE PAGES
	Mc Zeal R	PACIFIC BELL WHITE PAGES
	Mel Am	PACIFIC BELL WHITE PAGES
1967	SARGENT LILLY MRS	R. L. Polk Co.
1962	Dotson H P	Pacific Telephone
1955	DOTSON H P R	The Pacific Telephone & Telegraph Co.
1950	DOTSON H P R	The Pacific Telephone & Telegraph Co.
	MELVIN L R	The Pacific Telephone & Telegraph Co.
1945	DOWN FRED R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Allen Arth lab r	R. L. Polk & Co.
	ALLEN John lab r	R. L. Polk & Co.
	Down Fred Addie shipydwkr h	R. L. Polk & Co.
1933	AUGUST JOHN STEVEDORE R	R. L. Polk & Co.
	BROLL SADIE H	R. L. Polk & Co.
	BURNETT MARY MRS COOK H	R. L. Polk & Co.
	BURNETT RUDOLPH (ZELMA) LAB R	R. L. Polk & Co.
	SCOTT HAROLD L (KATHRYN) PLSTR H	R. L. Polk & Co.
1928	Russett John Hermine H	R.L. Polk and Co of California

716 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Valdeos Mich I lab H	R.L. Polk and Co of California

718 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	LOVE CLOTEAL MRS	R. L. Polk Co.
1962	Walker Grace Mae	Pacific Telephone
1945	ALLEN S A R	The Pacific Telephone & Telegraph Co.
1943	ALLEN Thos M Josephine shipydwkr r	R. L. Polk & Co.
	ALLEN Saml A Sophie gro h	R. L. Polk & Co.
	ALLEN Manuel clk r	R. L. Polk & Co.
	ALLEN Geo S gro r	R. L. Polk & Co.
	Allen Chas clk r	R. L. Polk & Co.
1938	ALLEN S A R	Pacific Telephone
1933	CASTRO MAGDALENE MRS R	R. L. Polk & Co.
	ALLEN SAML A (SOPHIE) GRO	R. L. Polk & Co.
	ALLEN GEO GRO	R. L. Polk & Co.
1928	h Geo Della lab H	R.L. Polk and Co of California
	Edmond Marion carclnr R	R.L. Polk and Co of California
	H	R.L. Polk and Co of California
	coin Saml A Sophie gro	R.L. Polk and Co of California

719 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	WILLIS VIRGINIA MRS	R. L. Polk Co.
	A MYLES VERA MRS	R. L. Polk Co.
1943	Ableton Wm Hettie lab h	R. L. Polk & Co.
1933	STEWART ARTH PORTER R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	REEDER ALICE (WID S R) H	R. L. Polk & Co.
1928	39th Willie H	R.L. Polk and Co of California
1925	ANDERSON CLAUDE R	R. L. Polk & Co. of California

720 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	BERGER ARCHIE (KATH) MUSICIAN H	R. L. Polk & Co.
	BROOKS THOS LAB R	R. L. Polk & Co.

723 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DIXON Alexandro	Haines Company, Inc.
1996	BROWN A J	PACIFIC BELL DIRECTORY
1992	BROWN A J	PACIFIC BELL DIRECTORY
1967	PIERCE DOROTHY M MRS	R. L. Polk Co.
1943	PRYOR Walter Exie M shipydwkr r	R. L. Polk & Co.
	Banks Lucian O Rosetta lab NAS h	R. L. Polk & Co.
	PRYOR Louis Eliza lab r	R. L. Polk & Co.
	Morris Huey shipydwkr r	R. L. Polk & Co.
1933	JONES HARRY D (BERTHA) WAITER H	R. L. Polk & Co.
1928	Del Monte Bee H	R.L. Polk and Co of California

724 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o DAYTON EJ	Haines Company, Inc.
1967	WILLIAMS KATH MRS	R. L. Polk Co.
1962	Jones Clonus	Pacific Telephone
1950	ROBIASON SAMAH R	The Pacific Telephone & Telegraph Co.
1945	ROBINSON SARAH R	The Pacific Telephone & Telegraph Co.
1943	Robinson Sarah Mrs h	R. L. Polk & Co.
	Cordedo Roderick constwkr r	R. L. Polk & Co.
1933	DESMANGLES NICK H (FLORENCE) JAN H	R. L. Polk & Co.
1928	R Zole stdt R	R.L. Polk and Co of California
	h Eva Mrs matron SPCo H	R.L. Polk and Co of California
1925	MORGAN MRS EVA R	R. L. Polk & Co. of California

727 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Faucett Irene h	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	DUNBAR DANL (VIRGINIA) LAB H	R. L. Polk & Co.

728 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MORA Libla	Haines Company, Inc.
2000	RAMIREZ GUSTAVO	Pacific Bell
1967	BARNES MC KINLEY	R. L. Polk Co.
1962	Smith Viola	Pacific Telephone
	Smith Scott	Pacific Telephone
1950	MONROE JOHN R	The Pacific Telephone & Telegraph Co.
	SHEPHARD JOE R	The Pacific Telephone & Telegraph Co.
1943	Barich Spiro restrwkr r	R. L. Polk & Co.
	Mimica Roy Violet mech h	R. L. Polk & Co.
1933	YUGINOVICH VIOLET (WID BOZO) H	R. L. Polk & Co.
1928	WILLS Nellie H nurse H	R.L. Polk and Co of California
1925	WILLS MISS N H R	R. L. Polk & Co. of California
1920	WILLS MISS N H R	R. L. Polk & Co. of California

729 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GIL Victor	Haines Company, Inc.
	MATA Jose	Haines Company, Inc.
2000	PAUL JEFFREY A	Pacific Bell
1967	MILLS RUFFNER	R. L. Polk Co.
1962	Mills Ruffner r	Pacific Telephone
1955	MILLS RUFFNER R	The Pacific Telephone & Telegraph Co.
1950	TAYLOR R L R	The Pacific Telephone & Telegraph Co.
1943	LEE Olin waiter r	R. L. Polk & Co.
	HUTCHINSON Henry restrwkr h	R. L. Polk & Co.
1938	HUTCHERSON ARON R	Pacific Telephone
1928	Juginovich Robt Valeti lab H	R.L. Polk and Co of California
	Berstilo Antonio spring mkr R	R.L. Polk and Co of California
	Barich Spiro restrwkr R	R.L. Polk and Co of California

731 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WILLIS Wiliam	Haines Company, Inc.
1967	WILLIS WM	R. L. Polk Co.
1955	WRIGHT MAYBIRD R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WILLIAMS JEANETTE R	The Pacific Telephone & Telegraph Co.
1943	JOHNSON Oscar Frankie lab h	R. L. Polk & Co.
1928	av Posey Pauline auto mech H	R.L. Polk and Co of California

734 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MONROE JOHN C	R. L. Polk Co.
1962	Monroe John C	Pacific Telephone
	Green Leaner Mrs	Pacific Telephone
1955	MITCHELL CHRISTELLA R	The Pacific Telephone & Telegraph Co.
1950	PRICE LAVELL R	The Pacific Telephone & Telegraph Co.
1943	Lipanovitch Steph Anna lab SP Co h	R. L. Polk & Co.
1933	REGAS LOUIS G (OLGA) CLK H	R. L. Polk & Co.
1928	Reeas Geo L stdt R	R.L. Polk and Co of California
1925	REGAS L R	R. L. Polk & Co. of California

738 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	TAYLOR WILLIE	R. L. Polk Co.

739 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	A COLE MINNIE MRS	R. L. Polk Co.
	C ELLISON FREDK	R. L. Polk Co.
1962	Cherry Mary r	Pacific Telephone
1955	CHERRY MARY R	The Pacific Telephone & Telegraph Co.
1950	CIES RY MARY R	The Pacific Telephone & Telegraph Co.
	COILEY MARION R	The Pacific Telephone & Telegraph Co.
1945	CHERRY MARY R	The Pacific Telephone & Telegraph Co.
1943	Wright Isaac Mae B shipydwr r	R. L. Polk & Co.
	Livingston Walter shipydwr r	R. L. Polk & Co.
	Jones Louis shipydwr r	R. L. Polk & Co.
	Johns David whsmn r	R. L. Polk & Co.
	Cherry Mary wid Amos h	R. L. Polk & Co.
	Jackson Theo Ella whsmn r	R. L. Polk & Co.
1938	CHERRY MARY R	Pacific Telephone
1933	TAYLOR PATK LAB R	R. L. Polk & Co.
	WASHINGTON WM H (JULIA) SLSMN H	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	WATERS RICHD R	R. L. Polk & Co.
1928	89th Jas R	R.L. Polk and Co of California
	Jugurovich Violet fctywkr R	R.L. Polk and Co of California
	Jos R	R.L. Polk and Co of California
	h Patk Lovie lab H	R.L. Polk and Co of California
	Wmn H Julia A slsmn H	R.L. Polk and Co of California
1925	CALVIN MRS J A R	R. L. Polk & Co. of California

744 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.

800 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OAKLDSC EARLY	Haines Company, Inc.
	CHILDHOOD ED CT	Haines Company, Inc.
1996	OAKLAND PUBLIC SCHOOLS	PACIFIC BELL DIRECTORY
1992	OAKLAND PUBLIC SCHOOLS	PACIFIC BELL DIRECTORY
1967	CHILD CARE CENTER	R. L. Polk Co.

801 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	A YELDELL BARBARA A	Pacific Bell
1996	E DRAIN BETOLLA	PACIFIC BELL DIRECTORY
	D LEWIS RAYMOND	PACIFIC BELL DIRECTORY
1992	D LEWIS RAYMOND	PACIFIC BELL DIRECTORY
1967	C MILLER RUSSELL	R. L. Polk Co.
	B ELLIOTT ESSIE	R. L. Polk Co.
	A CAREY REBECCA MRS	R. L. Polk Co.
	BROWN JOYCE MRS	R. L. Polk Co.
1945	ADAMS JOHN R	The Pacific Telephone & Telegraph Co.
1943	Adams John B Winonah h	R. L. Polk & Co.

853 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	GAZZANEO FLORENCE CLK R	R. L. Polk & Co.
	GAZZANEO ANTONIO (MICHELINA)	R. L. Polk & Co.
	SHOE SHINER H	
1928	C Jos barber R	R.L. Polk and Co of California

FINDINGS

854 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MITCHELL JOHNNIE M MRS	R. L. Polk Co.

855 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	ROY LANDERS (JUANITA) CLK H	R. L. Polk & Co.
1928	Sacramento Ellsworth L Josie Briggs & Colescott H	R.L. Polk and Co of California

857 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	STEPHENS WM J JWLR	R. L. Polk & Co.
1928	Fairmount John W ironwkr H	R.L. Polk and Co of California

859 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	THO YEM	PACIFIC BELL DIRECTORY
1975	BROWN BARBARA	Pacific Telephone
1950	HUNTER LEE R	The Pacific Telephone & Telegraph Co.
1943	Hunter Lee Leila Indywkr h	R. L. Polk & Co.
	BRYANT Lawrence shipydwkr r	R. L. Polk & Co.

861 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Stogner Ira L	Pacific Telephone
1950	ESQUIBEL HARRY R	The Pacific Telephone & Telegraph Co.
1945	HOFFMAN LESTER R	The Pacific Telephone & Telegraph Co.
1943	HOFFMAN Lester J Esther shipydwkr h	R. L. Polk & Co.
1933	KASTANOS GUS (MARY) BAKER H	R. L. Polk & Co.
1928	Kastanos Ous Mary H	R.L. Polk and Co of California

864 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	MCPHERSON W R	R. L. Polk & Co. of California

865 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	METTERS LUDRA REV	R. L. Polk Co.
1950	PERRY GIL R	The Pacific Telephone & Telegraph Co.
1945	FARMER KENDALL R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Farmer Kendall A Mable hlpr Paraffine Cos h	R. L. Polk & Co.
1925	DAVIS MRS E L R	R. L. Polk & Co. of California

867 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Patterson Idella	Pacific Telephone
1945	JOHNSON WM HOWARD R	The Pacific Telephone & Telegraph Co.
1943	JOHNSON Wm Vera porter h	R. L. Polk & Co.
1938	RICHARDSON ELIZA MRS R	Pacific Telephone
1933	RICHARDSON ELIZA (WID JOHN) JAN H	R. L. Polk & Co.
	MUYO KATIE (WID NICH) H	R. L. Polk & Co.
	MUYO ANDW ENG SPCO R	R. L. Polk & Co.
	LYNCH THOS M CLK R	R. L. Polk & Co.
1928	Island Elza wid John W H	R.L. Polk and Co of California
1925	RICHARDSON ELIZA R	R. L. Polk & Co. of California
1920	RICHARDSON ELIZA R	R. L. Polk & Co. of California

869 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	PRIMROSE MARION J (KATIE) LAB H	R. L. Polk & Co.
	MUYO PETER W CBTMKR R	R. L. Polk & Co.
1928	Muyo Andw firemn R	R.L. Polk and Co of California
	Muyo Peter stdt R	R.L. Polk and Co of California

871 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DUCKWORTH JERRY	Pacific Bell
1992	TEOU SARANN	PACIFIC BELL DIRECTORY
1950	COX WADE A R	The Pacific Telephone & Telegraph Co.
1945	DAVIS WILLETTA R	The Pacific Telephone & Telegraph Co.
1943	Davis Clyde W Willetta pkr h	R. L. Polk & Co.
1925	MUYO ANDREW R	R. L. Polk & Co. of California

873 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	BOYD EDW	R. L. Polk Co.
1962	Elam Loretta Y r	Pacific Telephone
1955	ELAM LORETTA Y R	The Pacific Telephone & Telegraph Co.
1950	E AM CALVIN R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	ELAM CALVIN R	The Pacific Telephone & Telegraph Co.
1943	Elam Calvin B Loretta underwriter Golden State Mut Life Ins Co h	R. L. Polk & Co.

874 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	YOUNG RICHARD R	R. L. Polk & Co. of California

875 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	BROUSSARD JAS CHAUF R	R. L. Polk & Co.
	BROUSSARD ALEX (GERTRUDE) LAB H	R. L. Polk & Co.
1928	tr Mary Mrs H	R.L. Polk and Co of California
1925	SHERROD O R	R. L. Polk & Co. of California
1920	CHAMBERS GEO R	R. L. Polk & Co. of California

877 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SAO SOVANTHARY	PACIFIC BELL DIRECTORY
1967	HUBBARD OVIDA MRS	R. L. Polk Co.
1955	HUBBARD C C R	The Pacific Telephone & Telegraph Co.
1950	HUBBARD C C R	The Pacific Telephone & Telegraph Co.
1945	HUBBARD C C R	The Pacific Telephone & Telegraph Co.
1943	HUBBARD C C Aranta h	R. L. Polk & Co.
1928	H John B May H	R.L. Polk and Co of California
	Percy L doorman Aegillus Apts R	R.L. Polk and Co of California
	rr Tilie wid Robt H dom H	R.L. Polk and Co of California
1925	BLACKBURN MRS J B R	R. L. Polk & Co. of California

879 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SY Oulimata	Haines Company, Inc.
1967	WILLIAMS GENEVA MRS	R. L. Polk Co.
1955	KITTELL MARGURITE R	The Pacific Telephone & Telegraph Co.
1945	TAYLOR JENNIE R	The Pacific Telephone & Telegraph Co.
1943	Taylor Jennie Mrs r	R. L. Polk & Co.
	Taylor Walter C Viola electn h	R. L. Polk & Co.
1938	SHOLARS SUSIE M MISS R	Pacific Telephone
1928	Giles John H clk prsr R	R.L. Polk and Co of California
	Leko Frank Helen cont R	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	SPRINGER PHIL R	R. L. Polk & Co. of California
1920	BROOKS E R	R. L. Polk & Co. of California

882 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	White Kyndra	PACIFIC BELL WHITE PAGES
	W hite L	PACIFIC BELL WHITE PAGES
1943	Clinton Bobbie waiter r	R. L. Polk & Co.
	Walker Bobbie musician H H Jenkins r	R. L. Polk & Co.

883 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	MOORE MAGGIE MRS	R. L. Polk Co.
1962	Linzie Robt	Pacific Telephone
1950	FORD CLARENCE T R	The Pacific Telephone & Telegraph Co.
1945	CLARK ROSE MRS R	The Pacific Telephone & Telegraph Co.
1943	CLARK David Rose rigger hlpr h	R. L. Polk & Co.
1933	MOUNT ZION BAPTIST CH (COLORED)	R. L. Polk & Co.

885 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MCNEAL DIANE	Pacific Bell
1945	ARTISON LEWIS E R	The Pacific Telephone & Telegraph Co.
1943	Artison Lewis Henrine waiter h	R. L. Polk & Co.
1938	MOUNT ZION GREATER BAPTIST CHURCH	Pacific Telephone
1928	A African Methodist Episcopal Church Rev W J Byers pasto R	R.L. Polk and Co of California

889 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SMITH LISA	Pacific Bell
1996	D1 MCKINNEY L	PACIFIC BELL DIRECTORY
1950	TOMI CHONG T R	The Pacific Telephone & Telegraph Co.
1943	Lucas Julieta L Mrs clk h	R. L. Polk & Co.
	Lessa Leonilde Mrs r	R. L. Polk & Co.
1933	ROBERTS CARTER A (FLORA C) WAITER H	R. L. Polk & Co.

FINDINGS

891 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Franceska STAFFORD	Haines Company, Inc. Haines Company, Inc.
1967	DAVIS BESSIE MRS	R. L. Polk Co.
1950	ARNIJO JOE R	The Pacific Telephone & Telegraph Co.
1943	Cordoza Cath slsw n W T Grant Co r Cardoza Chas L Winifred lab Okld Street Dept h	R. L. Polk & Co. R. L. Polk & Co.
1933	PURVIS JOS (ALICE) COOK H	R. L. Polk & Co.
1928	Purvis Jos Alice cook H	R.L. Polk and Co of California

895 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	BARNES JAMES	R. L. Polk Co.
1962	Hadden Charlie	Pacific Telephone
1945	MATTHEWS FRANCES R	The Pacific Telephone & Telegraph Co.
1943	Mathews Jos C Frances h	R. L. Polk & Co.

897 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	ALEXANDER R	PACIFIC BELL DIRECTORY
1955	CLARK ROSE MRS R	The Pacific Telephone & Telegraph Co.
1950	CLARK ROSE MIRS R	The Pacific Telephone & Telegraph Co.
1943	Swicheimer Thos Gayle h	R. L. Polk & Co.
1938	LEKO FRANK R	Pacific Telephone
1933	LEKO FRANK (HELEN) GRO	R. L. Polk & Co.

901 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1992	GEORGE WILLIE EVANS DE MOREA	PACIFIC BELL DIRECTORY PACIFIC BELL DIRECTORY
1967	DAVIS LENORA M MRS BUTLER HARRY	R. L. Polk Co. R. L. Polk Co.
1962	Davis Lenora M	Pacific Telephone
1943	Meadows Glenvin Harriet jan h	R. L. Polk & Co.

FINDINGS

902 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	WILLIAMS JESSIE	R. L. Polk Co.

903 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1996	B NGOR PHORN	PACIFIC BELL DIRECTORY
1992	NGOR PHORN	PACIFIC BELL DIRECTORY
1967	JOHNSON WILLIE	R. L. Polk Co.
1945	RODRIGUEZ FRANK MRS R	The Pacific Telephone & Telegraph Co.
1943	Rodriguez Frank Thelma shipftr h	R. L. Polk & Co.

907 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	GORDON MARY E MRS	R. L. Polk Co.
1962	Gordon Mary Etta	Pacific Telephone
1945	FERCOVICH F M R	The Pacific Telephone & Telegraph Co.
1943	Fercovich Frank Doris mech h	R. L. Polk & Co.
1933	TUOHY JAS H CHAUF R	R. L. Polk & Co.
	THOMPSON TULLY A (ETHEL) MGR EAST BAY RELIEF HOME H	R. L. Polk & Co.
	LEE BOYCE PRINTER R	R. L. Polk & Co.
	LARSON CORA HSKPR EAST BAY RELIEF HOME R	R. L. Polk & Co.
	EAST BAY RELIEF HOME	R. L. Polk & Co.
	CROYDON GEO COOK R	R. L. Polk & Co.
	BROWNELL BERTHA C MRS R	R. L. Polk & Co.
1928	Peralta Oakland Home Mrs Martha Lawrence supt	R.L. Polk and Co of California
	Telegraph Nellie Mrs matron West Oakland Home R	R.L. Polk and Co of California
	Margt Mrs laundress R	R.L. Polk and Co of California
	Mc Jas janitor R	R.L. Polk and Co of California
	Grant Martha Mrs supt West Oakland Home R	R.L. Polk and Co of California
	Max Nan B Mrs housekpr West Oakland Home R	R.L. Polk and Co of California
	blvd Minnie Mrs matron West Okld Home R	R.L. Polk and Co of California
	Brohlin Emmeline Mrs cook R	R.L. Polk and Co of California
	lor Clara E Mrs matron West Okid Home R	R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	WEST OAKLAND HOME	R. L. Polk & Co. of California
1920	WEST OAKLAND HOME	R. L. Polk & Co. of California

908 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	DUNN ALICE M MRS	R. L. Polk Co.

909 CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CENTERS T	Haines Company, Inc.
1967	ODOMS LUTHER	R. L. Polk Co.
1962	Kelley Robt C	Pacific Telephone
	Kelley Blanche	Pacific Telephone
1950	YEE TET M R	The Pacific Telephone & Telegraph Co.
1943	Ford Clarence Minnie h	R. L. Polk & Co.

801B CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	GREENE ARTHUR N R	The Pacific Telephone & Telegraph Co.

801C CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	ANDERSON MARGARET R	The Pacific Telephone & Telegraph Co.

801E CAMPBELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DAVIS MYRTIS R	The Pacific Telephone & Telegraph Co.

CAMPBELL VILLAGE CT

854 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	38 MITCHELL JOHNNIE MAE	Pacific Bell
1992	38 MITCHELL JOHNNIE MAE	PACIFIC BELL DIRECTORY
1991	Mitchell Johnnie Mae	PACIFIC BELL WHITE PAGES
1986	Mitchell Johnnie Mae	PACIFIC BELL WHITE PAGES
1980	Mitchell Jas P	Pacific Telephone
1970	MITCHELL JAS P	Pacific Telephone Directory
1967	MITCHELL JAMES P	R. L. Polk Co.
1955	GRAVENBERG ALLEN L	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	KINZ ED A R	The Pacific Telephone & Telegraph Co.

855 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	REESE L	Pacific Bell
1970	RAINEY JIMMIE	Pacific Telephone Directory
1967	RAINEY JAMES	R. L. Polk Co.
1955	WILSON JESSIE	The Pacific Telephone & Telegraph Co.

857 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	W Wm J Jwl R	R.L. Polk and Co of California
	R	R.L. Polk and Co of California

858 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DAWKINS ERNESTINE	Pacific Telephone Directory
1967	FRANKLIN JOSEPH	R. L. Polk Co.
1962	Franklin Joe	Pacific Telephone
1955	PERRY JESSE JR	The Pacific Telephone & Telegraph Co.
1945	MOORE BAXTER J R	The Pacific Telephone & Telegraph Co.

859 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	YU Xang Jun	Haines Company, Inc.
1975	JOSEPH JESSIE	Pacific Telephone
1967	MC CARTHER MAGGIE S MRS	R. L. Polk Co.
1955	KLUGH MAE BELLE	The Pacific Telephone & Telegraph Co.
1945	PENNEWELL GEORGE R	The Pacific Telephone & Telegraph Co.

860 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	YOUNG SADIE MRS	R. L. Polk Co.
1962	Ellis Lela Marie	Pacific Telephone
1945	GOEHRING ANDREW R	The Pacific Telephone & Telegraph Co.

FINDINGS

861 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	WATTS NISHA	Pacific Bell
1970	WILLIAMS EVELYN L	Pacific Telephone Directory
1967	ELLIS LELA M MRS	R. L. Polk Co.
1950	COX OLESTER R	The Pacific Telephone & Telegraph Co.
1945	COX OLESTER R	The Pacific Telephone & Telegraph Co.

864 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	ANTOINE JOHN	R. L. Polk Co.
1955	HAYNES PRENTIS	The Pacific Telephone & Telegraph Co.

865 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WONGYinwan	Haines Company, Inc.
1980	Aaron Michael	Pacific Telephone
1970	DRAIN BETOLLA	Pacific Telephone Directory
1967	DRAIN BETOLLA MRS	R. L. Polk Co.

866 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JONES Roselee	Haines Company, Inc.
2000	JONES ROSELEE	Pacific Bell
1996	JONES ROSELEE	PACIFIC BELL DIRECTORY
1992	JONES ROSELEE	PACIFIC BELL DIRECTORY
1991	Jones Roselee	PACIFIC BELL WHITE PAGES
	Jones Rosemarie	PACIFIC BELL WHITE PAGES
1970	HARRIS CHAS	Pacific Telephone Directory
1967	HARRIS JESSE C	R. L. Polk Co.
1955	TATMON EMELD R	The Pacific Telephone & Telegraph Co.
1950	TATMON EMELD R	The Pacific Telephone & Telegraph Co.
1945	TATMON EMELD R	The Pacific Telephone & Telegraph Co.

867 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SAK Phbn	Haines Company, Inc.
1980	Peterson Joey	Pacific Telephone
1962	Drain Dan	Pacific Telephone
1955	LIGGINS LOUIS	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	BUCHANAN ALBERTA R	The Pacific Telephone & Telegraph Co.
1945	BUCHANAN ALBERTA R	The Pacific Telephone & Telegraph Co.

868 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

870 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	CANDLER EMMA L MRS	R. L. Polk Co.
1955	MATTHEWS ARTHUR	The Pacific Telephone & Telegraph Co.
1950	CRAVANAS JOHNI A R	The Pacific Telephone & Telegraph Co.
1945	SWANIGAN VIRGINIA R	The Pacific Telephone & Telegraph Co.

871 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1975	CANTO DOROTHY	Pacific Telephone
1970	CLEMONS MICHAEL	Pacific Telephone Directory
1962	Howard Janice	Pacific Telephone
1950	WHITE CLARENCE R R	The Pacific Telephone & Telegraph Co.
1945	WHITE CLARENCE R R	The Pacific Telephone & Telegraph Co.
1928	Muyo Nich Kath gro	R.L. Polk and Co of California

872 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1955	GREY WM V	The Pacific Telephone & Telegraph Co.
1950	CORNELL JOHN D R	The Pacific Telephone & Telegraph Co.

873 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROBINSON R	Haines Company, Inc.
1992	SOK PHON	PACIFIC BELL DIRECTORY
1991	Sok Phon	PACIFIC BELL WHITE PAGES
1967	GRANT ELOISE MRS	R. L. Polk Co.
1955	PARAJON GUILLERMO	The Pacific Telephone & Telegraph Co.

FINDINGS

876 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1992	6 GUILLORY KATRINA R	PACIFIC BELL DIRECTORY
1980	Smith Janet	Pacific Telephone
1967	BRELAND ABRON	R. L. Polk Co.
1962	Breland Abron	Pacific Telephone
	Breland Tommy C	Pacific Telephone
1955	ROBERTS ALICE	The Pacific Telephone & Telegraph Co.
1950	WILLIAMS MARJORIE MRS R	The Pacific Telephone & Telegraph Co.

877 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1992	OK SAMNANG	PACIFIC BELL DIRECTORY
1986	Smith Harold E	PACIFIC BELL WHITE PAGES
1970	FOWLER JOHNNIE	Pacific Telephone Directory
1967	LEWIS ISAAC	R. L. Polk Co.
1955	TODD WM T	The Pacific Telephone & Telegraph Co.

878 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MEADOWS Michele	Haines Company, Inc.
1980	Denham Delores	Pacific Telephone
	Denham Edwina	Pacific Telephone
1975	DENHAM EDWINA	Pacific Telephone
1967	FULCHER EDGAR	R. L. Polk Co.

879 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	JACKSON OPAL MRS	R. L. Polk Co.
1955	HENDERSON RAYMOND R	The Pacific Telephone & Telegraph Co.
1950	TAYLOR FLORENCE E R	The Pacific Telephone & Telegraph Co.
1945	TAYLOR ELDRIA E R	The Pacific Telephone & Telegraph Co.

882 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	ROWLAND EMMA	PACIFIC BELL DIRECTORY
1980	Hawkins Harriet	Pacific Telephone
1975	HAWKINS HARRIET	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DUCKETT WESLEY ILL	The Pacific Telephone & Telegraph Co.
1950	DUCHARMNE GERALD R	The Pacific Telephone & Telegraph Co.

Campbell Village Ct

883 Campbell Village Ct

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	JOKIM ENTERPRISES	EDR Digital Archive
	A 2 Z MOVERS	EDR Digital Archive
	JOKIM ENTERPRISES	EDR Digital Archive
	A 2 Z MOVERS	EDR Digital Archive

CAMPBELL VILLAGE CT

883 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JOKIM	Haines Company, Inc.
	ENTERPRISES	Haines Company, Inc.
2000	HAYES S	Pacific Bell
1970	RANDOLPH NAOMI	Pacific Telephone Directory
1967	ABRAHAM ALBERTA MRS	R. L. Polk Co.
1950	PENA MATTHEW R	The Pacific Telephone & Telegraph Co.
1945	CANNULI ANTHONY F R	The Pacific Telephone & Telegraph Co.

Campbell Village Ct

884 Campbell Village Ct

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	WINDOW FACTORY	EDR Digital Archive
	WINDOW FACTORY	EDR Digital Archive

CAMPBELL VILLAGE CT

884 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Williams C	Pacific Telephone
1970	MARTIN MARY	Pacific Telephone Directory
1967	NELSON EDMOND	R. L. Polk Co.

FINDINGS

885 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Emily CHEN Chu Chuan	Haines Company, Inc. Haines Company, Inc.
1967	DUNCAN HELEN	R. L. Polk Co.
1950	GIVENS G L R	The Pacific Telephone & Telegraph Co.
1945	GOODE WILLIAM J R	The Pacific Telephone & Telegraph Co.

888 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	YEM SEANG	PACIFIC BELL DIRECTORY
1992	YEM SEANG	PACIFIC BELL DIRECTORY
1980	Mtangulizi D	Pacific Telephone
1967	JENKINS OPAL MRS	R. L. Polk Co.
1962	Wicker Marion Wicker Leroy	Pacific Telephone Pacific Telephone
1950	OUSLEY HOWARD R	The Pacific Telephone & Telegraph Co.
1945	OUSLEY HOWARD R	The Pacific Telephone & Telegraph Co.

889 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WOODS Vannell	Haines Company, Inc.
1975	FLETCHER BRENDA	Pacific Telephone
1967	CLEVELAND LUTISHER MRS	R. L. Polk Co.
1962	Adams Richard	Pacific Telephone
1955	KIRVEN LUTHER F	The Pacific Telephone & Telegraph Co.
1950	KLINGENFUSS RICHARD R	The Pacific Telephone & Telegraph Co.

890 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1996	DEAN BERTHA	PACIFIC BELL DIRECTORY
1992	DEAN BERTHA	PACIFIC BELL DIRECTORY
1991	Dean Bertha	PACIFIC BELL WHITE PAGES
1986	o Dean Bertha	PACIFIC BELL WHITE PAGES
1980	Dean Bertha	Pacific Telephone
1967	YOUNGER LULA K MRS	R. L. Polk Co.
1962	Farmer Bettie	Pacific Telephone
1950	WIHEATLEY EMILY R	The Pacific Telephone & Telegraph Co.

FINDINGS

891 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SMOTHERS Ketna	Haines Company, Inc.
2000	D3 PLEVNEY JNESSA L	Pacific Bell
1980	Davis Jean	Pacific Telephone
1975	GANT SHALON	Pacific Telephone
1967	SMITH ELIZ	R. L. Polk Co.
1962	Baker Ruby Lee	Pacific Telephone
1955	JACKSON MARY LOUISE	The Pacific Telephone & Telegraph Co.
1950	TAYLOR HAROLD R	The Pacific Telephone & Telegraph Co.
1945	TOTTY AUDREY R	The Pacific Telephone & Telegraph Co.

894 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SPENCER E	PACIFIC BELL DIRECTORY
1991	Spencer Paul N	PACIFIC BELL WHITE PAGES
	Spencer E	PACIFIC BELL WHITE PAGES
	Spencer Patricia	PACIFIC BELL WHITE PAGES
1986	Spencer Paul N	PACIFIC BELL WHITE PAGES
	Spencer Patricia	PACIFIC BELL WHITE PAGES
1980	Woodford Ray A	Pacific Telephone
1967	WILLIAMS SANDRA MRS	R. L. Polk Co.
1955	NASH M L	The Pacific Telephone & Telegraph Co.
1945	PONTIFLET ERNEST J R	The Pacific Telephone & Telegraph Co.

895 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	COOPER ELSIE MRS	R. L. Polk Co.
1962	Pierce Ernest	Pacific Telephone
1955	JACKSON H L	The Pacific Telephone & Telegraph Co.
1950	DICKEY ELIZABETH R	The Pacific Telephone & Telegraph Co.

896 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Hannon Olive	PACIFIC BELL WHITE PAGES
	Blake Paul A	PACIFIC BELL WHITE PAGES
1980	Hannon Olive	Pacific Telephone
1975	HANNON OLIVE	Pacific Telephone
1970	HANNON OLIVE	Pacific Telephone Directory
1967	HANNON OLIVE MRS	R. L. Polk Co.

FINDINGS

897 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	PATTERSON GEORGIA MRS	R. L. Polk Co.
1962	Ratliff Victoria	Pacific Telephone
1955	THOMAS BROOKS MRS R	The Pacific Telephone & Telegraph Co.
1950	THOMAS BROOKS MRS R	The Pacific Telephone & Telegraph Co.

900 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	SWAYZE JOHN	R. L. Polk Co.
1962	Jones Monroe	Pacific Telephone
1945	BASICA PAUL R	The Pacific Telephone & Telegraph Co.

901 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AZZAN LOUVENIA	Pacific Bell
1992	TEP SOKHOM	PACIFIC BELL DIRECTORY
1991	Tep Sokhom	PACIFIC BELL WHITE PAGES
1980	Polk Regina M	Pacific Telephone
1967	EVANS FLORENCE MRS	R. L. Polk Co.
1962	Beasley A B	Pacific Telephone
1950	LOUIS IRENE MRS R	The Pacific Telephone & Telegraph Co.
1945	LOUIS IRENE MRS R	The Pacific Telephone & Telegraph Co.

902 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Thach Anh	PACIFIC BELL WHITE PAGES
1967	DOUGLAS SAPHRONIA MRS	R. L. Polk Co.
1962	Williams Jessie	Pacific Telephone

903 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Tho Yoeun	PACIFIC BELL WHITE PAGES
	Thode Paul	PACIFIC BELL WHITE PAGES
	Thode Michael A	PACIFIC BELL WHITE PAGES
	Thode E N	PACIFIC BELL WHITE PAGES
	Thode A	PACIFIC BELL WHITE PAGES
	Thogersen Ole & Dorothy	PACIFIC BELL WHITE PAGES
	Thoi Anh Dung	PACIFIC BELL WHITE PAGES
1955	MCCLURE RUBEN	The Pacific Telephone & Telegraph Co.

FINDINGS

906 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	97 DIXON HAZEL MAE	PACIFIC BELL DIRECTORY
1992	DIXON HAZEL MAE	PACIFIC BELL DIRECTORY
1991	Dixon Hazel Mae	PACIFIC BELL WHITE PAGES
1986	Dixon Hazel Mae	PACIFIC BELL WHITE PAGES
1980	Dixon Hazel Mae	Pacific Telephone
1970	WOODFORD RAY A	Pacific Telephone Directory
1967	FREEMAN GLORIA MRS	R. L. Polk Co.
1962	Highsmith Jas	Pacific Telephone
1950	DAVIS LENNARD R	The Pacific Telephone & Telegraph Co.

907 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	CLARK NOAH	R. L. Polk Co.
1962	Clark Noah	Pacific Telephone
1955	BAGGIE LEONARD R	The Pacific Telephone & Telegraph Co.

908 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SMITH WENDALL N	Pacific Bell
1970	DUNN SHERMAN	Pacific Telephone Directory
1962	Covington J B Rev	Pacific Telephone
1955	GARRISON MIZZLE	The Pacific Telephone & Telegraph Co.
1945	ROLLINS RICHARD E JR R	The Pacific Telephone & Telegraph Co.

909 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HOSTON NATHAN	Pacific Telephone

914 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SAN ETH	PACIFIC BELL DIRECTORY
1991	San Eth	PACIFIC BELL WHITE PAGES
	San Felipe Anthony Naval Air Station Almdae	PACIFIC BELL WHITE PAGES
	San Fellipo K	PACIFIC BELL WHITE PAGES
	San Francisco Candle Company	PACIFIC BELL WHITE PAGES
1970	WILLIAMS FLORENCE	Pacific Telephone Directory
1967	WILLIAMS FLORENCE MRS	R. L. Polk Co.
1962	Williams I	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WELLS ANANIAS	The Pacific Telephone & Telegraph Co.

915 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o DIXON Hazel Mae	Haines Company, Inc.
2000	DIXON HAZEL MAE	Pacific Bell
1991	Mc Gehee Onie	PACIFIC BELL WHITE PAGES
1986	Mc Gehee Onie	PACIFIC BELL WHITE PAGES
1980	Mc Gehee Onie	Pacific Telephone
1975	BAILEY GEO	Pacific Telephone
1970	BLAKELY E C	Pacific Telephone Directory
1962	Scott Earl	Pacific Telephone
1955	JONES ULYSSES	The Pacific Telephone & Telegraph Co.
1950	CODEGLIA I R	The Pacific Telephone & Telegraph Co.
1945	BRANCO EDWARD A R	The Pacific Telephone & Telegraph Co.

916 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DESBOINE SHIRLEY	Pacific Telephone Directory
1967	WILLIAMS DALLIE MRS	R. L. Polk Co.
1955	FARMER BETTLE	The Pacific Telephone & Telegraph Co.
1950	GIBSON CLARENCE R R	The Pacific Telephone & Telegraph Co.
1945	GIBSON CLARENCE R R	The Pacific Telephone & Telegraph Co.

917 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Thompson Robt B	PACIFIC BELL WHITE PAGES
1980	Thompson Robt B	Pacific Telephone
1967	HENDERSON RUTHIE M MRS	R. L. Polk Co.
1955	LEWIS ROBT	The Pacific Telephone & Telegraph Co.
1950	LEWIS M S MRS R	The Pacific Telephone & Telegraph Co.
1945	LEWIS M S MRS R	The Pacific Telephone & Telegraph Co.

928 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1970	ALLEN GEO	Pacific Telephone Directory
1967	ALLEN GEM	R. L. Polk Co.
1962	Allen Geo	Pacific Telephone
1955	MCCREE MARY	The Pacific Telephone & Telegraph Co.

FINDINGS

929 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MORRIS ANNIE L MRS	R. L. Polk Co.
1962	Younger Lula Mae	Pacific Telephone
1955	GOODALL CLEVEN	The Pacific Telephone & Telegraph Co.
1950	WILSON WALTER R	The Pacific Telephone & Telegraph Co.
1945	WILSON WALTER R	The Pacific Telephone & Telegraph Co.

932 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1986	Jackson Arthur	PACIFIC BELL WHITE PAGES
1980	Jackson A B	Pacific Telephone
1967	WHITE EVA L MRS	R. L. Polk Co.
1950	HARBERT GEO R	The Pacific Telephone & Telegraph Co.

933 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MAXON OLIVIA MRS	Pacific Telephone Directory
1967	WRIGHT FRANK	R. L. Polk Co.
1962	Wright Frank	Pacific Telephone
1950	BOYSON EARL H R	The Pacific Telephone & Telegraph Co.

934 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Pylant Willie	Pacific Telephone
1967	ROGERS NELL B MPS	R. L. Polk Co.
1962	Moore Iodell	Pacific Telephone
1955	MOORE IODELL	The Pacific Telephone & Telegraph Co.
1950	FULLER DEXTER D R	The Pacific Telephone & Telegraph Co.

935 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MCOINNEYL	Haines Company, Inc.
1992	HIGGINS EDWARD	PACIFIC BELL DIRECTORY
1970	BALDRIDGE T J	Pacific Telephone Directory
1967	BALORIDGE T J	R. L. Polk Co.
1955	SHARPE JAS	The Pacific Telephone & Telegraph Co.
1945	WILLIAMS AUREY R	The Pacific Telephone & Telegraph Co.

FINDINGS

938 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1975	MC DOWELL VELMA MRS	Pacific Telephone
1970	MCDOWELL VELMA MRS	Pacific Telephone Directory
1967	MC DOWELL WM	R. L. Polk Co.
1962	Mc Dowell Wm A	Pacific Telephone
1955	MCDOWELL WM A	The Pacific Telephone & Telegraph Co.
1950	PITTS LEONARD R	The Pacific Telephone & Telegraph Co.

939 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COOK ANNIE	Pacific Bell
1986	Ruble G	PACIFIC BELL WHITE PAGES
	Ruble Edith	PACIFIC BELL WHITE PAGES
	Ruble LM	PACIFIC BELL WHITE PAGES
1980	Ivory Georgia	Pacific Telephone
1975	IVORY GEORGIA	Pacific Telephone
1970	IVORY GEORGIA	Pacific Telephone Directory
1967	MC CULLEY MAGGIE MRS	R. L. Polk Co.
1962	Jones Bessie	Pacific Telephone
1955	GOLDSBY L	The Pacific Telephone & Telegraph Co.
1945	HANCOCK ALPHARETTA R	The Pacific Telephone & Telegraph Co.

940 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	WILLIAMS ANNIE MAE MRS	PACIFIC BELL DIRECTORY
1992	WILLIAMS ANNIE MAE MRS	PACIFIC BELL DIRECTORY
1991	Williams Annie Mae Mrs	PACIFIC BELL WHITE PAGES
	Williams Anthony	PACIFIC BELL WHITE PAGES
1980	Williams Annie Mae Mrs	Pacific Telephone
1970	WILLIAMS ANNIE MAE	Pacific Telephone Directory
1962	Sheldon Estelle	Pacific Telephone
1955	MCCARTY JAMES L	The Pacific Telephone & Telegraph Co.
1950	BUTLER HARRY I R	The Pacific Telephone & Telegraph Co.
1945	WILLIAMS ARTHUR R	The Pacific Telephone & Telegraph Co.

941 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Rollins M	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Rollins R	PACIFIC BELL WHITE PAGES
	Rollins Luvice	PACIFIC BELL WHITE PAGES
1980	Rollins Luvice	Pacific Telephone
1970	ROLLINS LUVICE	Pacific Telephone Directory
1967	ROLLINS LUVICE MRS	R. L. Polk Co.
1962	Rollins Luvice	Pacific Telephone
1945	WILLIAMS FRANK R	The Pacific Telephone & Telegraph Co.

943 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	COOKENatbe	Haines Company, Inc.
1967	HATTER THEODIS	R. L. Polk Co.
1962	Rucker Ora Lee	Pacific Telephone
1950	BREMIOND R S R	The Pacific Telephone & Telegraph Co.

944 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	OWENS CORNELIUS	R. L. Polk Co.
1950	MINOR DAVAGE R	The Pacific Telephone & Telegraph Co.
1945	THOMAS EDDIE MISS R	The Pacific Telephone & Telegraph Co.

1101 CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	JOHLISON THELMA R	The Pacific Telephone & Telegraph Co.

801A CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	WHITE MCNICKLES R	The Pacific Telephone & Telegraph Co.

801B CAMPBELL VILLAGE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LABOR ANTHONY REV R	The Pacific Telephone & Telegraph Co.

CHASE ST

1709 CHASE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CROSBY Virginia	Haines Company, Inc.
	a REEVES Cecil	Haines Company, Inc.
	WHITE Linda	Haines Company, Inc.
1991	Bridges Johnny	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Bradley Dorothy	Pacific Telephone
1970	CAMPBELL LIZZIE OGGS	Pacific Telephone Directory
1967	CAMPBELL LIZZIE O MRS	R. L. Polk Co.
1962	Campbell Lizzie Oggs	Pacific Telephone
1955	CAMPBELL LIZZIE OGGS	The Pacific Telephone & Telegraph Co.
1950	OGGS LIZZIE R	The Pacific Telephone & Telegraph Co.
1945	WILLIAMS L B MRS R	The Pacific Telephone & Telegraph Co.
1943	Williams Chas D Lola B porter h	R. L. Polk & Co.
1938	WILLIAMS L B MRS R	Pacific Telephone
1933	WILLIAMS CHAS D (LOLA B) PORTER H	R. L. Polk & Co.
1928	mento Presner R	R.L. Polk and Co of California
	Lake C Chas D Lola porter H	R.L. Polk and Co of California

1712 CHASE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a NORUWANicolas	Haines Company, Inc.
1967	JOHNSON LONNIE	R. L. Polk Co.
1962	Blake W	Pacific Telephone
	Blake Ruth	Pacific Telephone
1955	GLENN WILLIE R	The Pacific Telephone & Telegraph Co.
1945	KATSLROS ESTHER R	The Pacific Telephone & Telegraph Co.
1943	Katsiros Esther Mrs h	R. L. Polk & Co.
1933	KATSAROS CARL (TASIA) LAB H	R. L. Polk & Co.
1928	side Ernest E Lydia chauf H	R.L. Polk and Co of California
	Greather Richd bake R	R.L. Polk and Co of California
	Greather Louis stdt R	R.L. Polk and Co of California
	42d Frances wid Frank R	R.L. Polk and Co of California

1713 CHASE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Asbor Wm O	Pacific Telephone
1970	MILLER CAROL	Pacific Telephone Directory
1967	WIGHTMAN ROY	R. L. Polk Co.
1962	Wightman Roy	Pacific Telephone
	Wightman Sybil	Pacific Telephone
1950	MC FALL JAS R	The Pacific Telephone & Telegraph Co.
	JEFFERY E E REV R	The Pacific Telephone & Telegraph Co.
1945	ADAMS CURLY C R	The Pacific Telephone & Telegraph Co.
1943	Milliken Perry Fannie lab r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Bowman Frank Bertha shipydwkr r	R. L. Polk & Co.
	Adams Calvin Beulah shipydwkr h	R. L. Polk & Co.

1717 CHASE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	YANGWei	Haines Company, Inc.
1967	JACKSON EDDIE L	R. L. Polk Co.
1955	LILLY COLEMAN R	The Pacific Telephone & Telegraph Co.
1943	Kallstrom Edwin B mariner h	R. L. Polk & Co.
	Vlasich Luka r	R. L. Polk & Co.
1933	FREITAS THOS DECKHD R	R. L. Polk & Co.
	LUPAS PETER WAITER R	R. L. Polk & Co.
	VLASICH LOUIS DECKHD H	R. L. Polk & Co.
1928	av Frank M clk OKld PO H	R.L. Polk and Co of California

E 5TH ST

1648 E 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Bank John waiter R	R.L. Polk and Co of California

1665 E 5TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Mastorakes Peter R	R.L. Polk and Co of California

E 7TH ST

1558 E 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	HART C L R	R. L. Polk & Co. of California

1573 E 7TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	GRIEVE MRS W L R	R. L. Polk & Co. of California

E 8TH ST

1624 E 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	LA RIEU EDMOND A JR RADIO TECHN R	R. L. Polk & Co.

FINDINGS

1675 E 8TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Water Ernestine BE drsmk R R	R.L. Polk and Co of California R.L. Polk and Co of California

E WILLOW ST

824 E WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	JEFFERSON FLORENCE	Pacific Telephone Directory

GOSS ST

1709 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	BAKER JOYCE J MRS	R. L. Polk Co.
1955	TAYLOR ALMA MRS R	The Pacific Telephone & Telegraph Co.
1945	THOMAS ALMA R	The Pacific Telephone & Telegraph Co.
1943	Thomas Chas Alma r Jackson Pheatis M maid h	R. L. Polk & Co. R. L. Polk & Co.
1933	JONES LELAND R (LILA) OILER H BROOKS GEO (ALICE) WAITER H	R. L. Polk & Co. R. L. Polk & Co.

1711 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SMITH Domay	Haines Company, Inc.
1975	LOVE CATHERINE	Pacific Telephone
1970	LOVE CATHERINE	Pacific Telephone Directory
1967	LOVE CATH	R. L. Polk Co.
1962	Love Catherine	Pacific Telephone
1955	LOVE CATHERINE	The Pacific Telephone & Telegraph Co.
1950	WINN ALTHEA R	The Pacific Telephone & Telegraph Co.
1945	CAIN SALLIE MRS R	The Pacific Telephone & Telegraph Co.
1943	Badgett Wm Clemmie shipydwkr r BROWN Dorothy Mrs r Cain Sally Mrs h	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.
1933	LOUIS GUS (GRACE) LAB H	R. L. Polk & Co.
1928	R Stuart Miller shoe shine R	R.L. Polk and Co of California R.L. Polk and Co of California

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	SHAW J L R	R. L. Polk & Co. of California

1713 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SCOTTHeilan	Haines Company, Inc.
1986	Davis Beb	PACIFIC BELL WHITE PAGES
1980	Davis Beb	Pacific Telephone
1970	DAVIS BEB	Pacific Telephone Directory
1967	DAVIS BEB	R. L. Polk Co.
1962	Davis Beb r	Pacific Telephone
1955	DAVIS BEB R	The Pacific Telephone & Telegraph Co.
	HARRIS LOVLE	The Pacific Telephone & Telegraph Co.
1950	DAVIS BEB R	The Pacific Telephone & Telegraph Co.
	STEPHENS W H R	The Pacific Telephone & Telegraph Co.
1943	Heiner Jennie Mrs fctywkr r	R. L. Polk & Co.
	Zulim John J shipydwkr r	R. L. Polk & Co.
	Zulim Thos Jennie blrmkr h	R. L. Polk & Co.
	Zulim Wm R lab r	R. L. Polk & Co.
1933	VUCHVICH MARCO JAN R	R. L. Polk & Co.
	ZULIM MICHL L DECKHD R	R. L. Polk & Co.
	ZULIM THOS (JENNIE) BLRMKR SPCO H	R. L. Polk & Co.

1715 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	DUCKETT LAURA L MRS	R. L. Polk Co.
1962	Colley Creola	Pacific Telephone
1955	HEATH LOUISE	The Pacific Telephone & Telegraph Co.
	ALLEN BERTHA	The Pacific Telephone & Telegraph Co.
1950	DAVIS NEHEINIAH R	The Pacific Telephone & Telegraph Co.
1943	Jenkins Gertrude Mrs h	R. L. Polk & Co.
1928	h Henry lab R	R.L. Polk and Co of California
	av Louis C H	R.L. Polk and Co of California

1719 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LEWIS MIld	Haines Company, Inc.
	LEWIS M	Haines Company, Inc.
1980	Beyard Michael	Pacific Telephone
1970	WHITE AUDREY	Pacific Telephone Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	GLOSKIE MELLINA MRS	R. L. Polk Co.
1962	Lawson Diana	Pacific Telephone
1955	MILLER CLARA MISS	The Pacific Telephone & Telegraph Co.
1950	MILLER CLARA MISS R	The Pacific Telephone & Telegraph Co.
1945	MILLER CLARA MISS R	The Pacific Telephone & Telegraph Co.
1943	Gaines Nelson blrmkr r	R. L. Polk & Co.
	Sands Clara Mrs h	R. L. Polk & Co.
1933	BRANDT MARIE MRS H	R. L. Polk & Co.
	SCOTT CANUTO LAB R	R. L. Polk & Co.

1721 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1975	ADAMS JOHN E	Pacific Telephone
1970	ADAMS JOHN E	Pacific Telephone Directory
1967	AOAMS JOHN E	R. L. Polk Co.
1962	Adams John E	Pacific Telephone
1955	JACKSON HARRIET	The Pacific Telephone & Telegraph Co.
1950	PHILLIPS B L R	The Pacific Telephone & Telegraph Co.
1933	RUTHERFORD ETHEL H	R. L. Polk & Co.

1725 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHAVEZ Lerez	Haines Company, Inc.
1975	NORNILLE ROSAVEE	Pacific Telephone
1970	NORVILLE ROSAVEE	Pacific Telephone Directory
1967	WASHINGTON RUBIN	R. L. Polk Co.
1962	Norville Rosavee r	Pacific Telephone
1955	NORVILLE ROSAVEE R	The Pacific Telephone & Telegraph Co.
1943	Chin Sam cook h	R. L. Polk & Co.
1925	JACKSON MRS G R	R. L. Polk & Co. of California

1727 GOSS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BENNETTRuth	Haines Company, Inc.
1992	BARKER ANNA J	PACIFIC BELL DIRECTORY
1991	Barker S Associates fshion cnsltnts	PACIFIC BELL WHITE PAGES
	Barker Anna J	PACIFIC BELL WHITE PAGES
1967	GABER OTIS	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Armante Reyes car clnr h	R. L. Polk & Co.
	Hernandez Frank Esperanza shipydwkr r	R. L. Polk & Co.
	Lopez Viviano Christina r	R. L. Polk & Co.
	Reyes Raul shipydwkr r	R. L. Polk & Co.
	Reyes Reuben shipydwkr r	R. L. Polk & Co.
	Zaragoza Petra Mrs r	R. L. Polk & Co.
1933	GANT HARVEY WAITER R	R. L. Polk & Co.
	LARRY BERTHA (WID CHAS) H	R. L. Polk & Co.
	LARRY LAWRENCE SHOE SHINER R	R. L. Polk & Co.
	MOLER ARTH WAITER R	R. L. Polk & Co.
1928	as M Pearl walter H	R.L. Polk and Co of California
1925	MARTIN MRS E R	R. L. Polk & Co. of California

GOSSER ST

1709 GOSSER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Brewer Amanda Mrs R	R.L. Polk and Co of California
	53d Lucy maid R	R.L. Polk and Co of California

1711 GOSSER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	av Minerva wid Alt H	R.L. Polk and Co of California

1713 GOSSER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Gargurina Frank R	R.L. Polk and Co of California
	Zulaico Thos Jenny blrmkr H	R.L. Polk and Co of California
	Zulaico John lab R	R.L. Polk and Co of California
	Grgurlna Frank car bldr R	R.L. Polk and Co of California

1715 GOSSER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Mc Kane Newton porter H	R.L. Polk and Co of California
	av Louis C H	R.L. Polk and Co of California

1721 GOSSER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Macias Jose lab H	R.L. Polk and Co of California
	line Joe R lab R	R.L. Polk and Co of California

FINDINGS

1725 GOSSER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	av Lawrence C Gertrude janitor H	R.L. Polk and Co of California

1727 GOSSER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	JONES Andw J porter R	R.L. Polk and Co of California

HENRY ST

707 HENRY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	JURICH MARK (MARY) COAL	R. L. Polk & Co.

710 HENRY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a MORA Libia	Haines Company, Inc.
	ESCOBAR Mauro	Haines Company, Inc.
1992	VARGAS FRANCISCO	PACIFIC BELL DIRECTORY
1986	Emmiett Russell	PACIFIC BELL WHITE PAGES
1970	SMITH FOSTER P	Pacific Telephone Directory
1967	BEDFCRD ROBT JR	R. L. Polk Co.
1962	Woodford Betty	Pacific Telephone
1955	STEVENSON HENRY	The Pacific Telephone & Telegraph Co.
1950	WOODS M WARREN R	The Pacific Telephone & Telegraph Co.
1943	Milina Jerry lab SP Co h	R. L. Polk & Co.
1933	FENOLIO ANTON BILLIARDS	R. L. Polk & Co.
	FENIOLA LOUISE LNDYWKR R	R. L. Polk & Co.
1928	Panolio Antone Luqy lab H	R.L. Polk and Co of California

LEWIS

508 LEWIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	I Tatum Collins	PACIFIC BELL WHITE PAGES
1980	Dron Ed	Pacific Telephone

516 LEWIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Dron Ed	PACIFIC BELL WHITE PAGES
1986	Dron Ed	PACIFIC BELL WHITE PAGES

FINDINGS

530 LEWIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Survines Service Aid	Pacific Telephone

LEWIS DR

536 LEWIS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	& Gray F S Lee J G Gray fuel	R.L. Polk and Co of California

LEWIS ST

416 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	OSBORNE ROY F JR SAN LEANDRO	The Pacific Telephone & Telegraph Co.

417 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	ROGERS L E R	Pacific Telephone

422 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	BEEBY W R R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

425 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Richardson H T	Pacific Telephone
1955	RICHARDSON H T R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	RICHARDSON H T R	The Pacific Telephone & Telegraph Co.
1945	RICHARDSON H T R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

431 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	GREENEBAUM MAX R	The Pacific Telephone & Telegraph Co.
1945	GREENEBAUM MAX R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	GREENEBAUM MAX R	Pacific Telephone

450 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	JACKSON H L R	The Pacific Telephone & Telegraph Co.
1945	JACKSON H L R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	JACKSON H L R	Pacific Telephone

FINDINGS

451 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	MATTHEWS ALFRED I R	Pacific Telephone

467 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MILLER RUBY F MRS R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	MILLE R RUBY F MRS R	The Pacific Telephone & Telegraph Co.
1945	MILLER RUBY F MRS R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

473 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Hoelzel H	Pacific Telephone
1955	HOELZEL H R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	HOELZEL H R:	The Pacific Telephone & Telegraph Co.
1945	HOELZEL H R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	HOELZEL H R	Pacific Telephone

474 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Mc Call Margaret B	Pacific Telephone
1955	MCCALL HENRY J REV R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	MC CALL HENRY J REVR	The Pacific Telephone & Telegraph Co.
1945	MCCALL HENRY J REV R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	MCCALL HENRY J REV R	Pacific Telephone

481 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	ADAMS WM R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

494 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	CONDELL CARL R R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	CONDELL CARL R R	The Pacific Telephone & Telegraph Co.
1945	CONDELL CARL R R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

502 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BLACK ALVIN	Pacific Telephone Directory
1967	BLACK ALVIN	R. L. Polk Co.
1955	CHIZER RUBY	The Pacific Telephone & Telegraph Co.
	CHIZER CLARENCE	The Pacific Telephone & Telegraph Co.
1950	LOPEZ R M R	The Pacific Telephone & Telegraph Co.
1943	ROGERS Julius S Olga shipydwr h	R. L. Polk & Co.
1933	GARIBALDI WM (VIOLA) LAB H	R. L. Polk & Co.
1928	Ortes Nicholas Petra lab H	R.L. Polk and Co of California

504 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	PARROTT N R	Pacific Telephone

508 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1970	JOHNSON PEARL E	Pacific Telephone Directory
1967	JOHNSON PEARL E	R. L. Polk Co.
1962	Johnson Pearl E	Pacific Telephone
1943	Roderick Lawrence J Vera B shipydwr h	R. L. Polk & Co.
1933	WILSON JOHN H H	R. L. Polk & Co.
1928	Ordway Ann Mrs H	R.L. Polk and Co of California
	Mallard Sidney porter R	R.L. Polk and Co of California

513 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	DRUMMOND ETHEL	Pacific Telephone

Lewis St

516 Lewis St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MEDEA-CAPITAL GROUP LLC	EDR Digital Archive
	MEDEA-CAPITAL GROUP LLC	EDR Digital Archive
2010	MEDEA-CAPITAL GROUP LLC	EDR Digital Archive
	MEDEA-CAPITAL GROUP LLC	EDR Digital Archive

FINDINGS

LEWIS ST

516 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	DE LOS ANGELES C MARIA	PACIFIC BELL DIRECTORY
1967	MOORF F	R. L. Polk Co.
1962	Moore Frances	Pacific Telephone
1955	MOORE FRANCES	The Pacific Telephone & Telegraph Co.
1950	FREITAS ARTHUR R	The Pacific Telephone & Telegraph Co.
1945	FREITAS ARTHUR R	The Pacific Telephone & Telegraph Co.
1943	Freitas Arth Genevieve riveter Independent Iron Wks h	R. L. Polk & Co.
1933	WILLIAMS CHAS (ABBIE) H	R. L. Polk & Co.
	WILLIAMS HAROLD WAITER R	R. L. Polk & Co.
1928	Gleneort Chas H Abbie lab H	R.L. Polk and Co of California

518 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	ABFRNATHY CLARITT	R. L. Polk Co.
1955	GARRETT JOHNIE MAE	The Pacific Telephone & Telegraph Co.
1950	ANDERSON JANE R	The Pacific Telephone & Telegraph Co.

519 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	GALLARDO AMADOR J R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1950	GALLARDO AMADOR J R	The Pacific Telephone & Telegraph Co.

Lewis St

520 Lewis St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	LILYS JANITORIAL CLEANING	EDR Digital Archive
	LILYS JANITORIAL CLEANING	EDR Digital Archive

LEWIS ST

520 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Delcamnen	Haines Company, Inc.
	RODRIGUEZ Pablo	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MORENOMa	Haines Company, Inc.
1975	HOUSE VIOLA	Pacific Telephone
1970	HOUSE VIOLA	Pacific Telephone Directory
1967	HOUSE VIOLA MRS	R. L. Polk Co.
1962	House Viola	Pacific Telephone
1955	HOUSE VIOLA	The Pacific Telephone & Telegraph Co.
1950	HOUSE VIOLA R	The Pacific Telephone & Telegraph Co.
1945	BOULTER E S R	The Pacific Telephone & Telegraph Co.
1943	Young Coralie Mrs jan r	R. L. Polk & Co.
	Alexander Wm waiter r	R. L. Polk & Co.
	Allen Eug waiter r	R. L. Polk & Co.
	ANDERSON Jane Mrs cook h	R. L. Polk & Co.
1938	BOULTER F F R	Pacific Telephone
1933	ALEXANDER WM R	R. L. Polk & Co.
	BOULTER FRANK B (FERANA) H	R. L. Polk & Co.
1928	103d Salvador B porter R	R.L. Polk and Co of California
	rr Grant Helen cook H	R.L. Polk and Co of California
1925	WILLIAMS MISS WILLIE R	R. L. Polk & Co. of California

524 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	STEWART Sarah	Haines Company, Inc.
1970	WASHINGTON DELLA	Pacific Telephone Directory
	WASHINGTON FRANK	Pacific Telephone Directory
1967	WORD VIRGIN	R. L. Polk Co.
1955	CALDWELL MINNIE	The Pacific Telephone & Telegraph Co.
1943	Turner Wm Daisy cook h	R. L. Polk & Co.
	Strauder Lawrence S Betty J seamn r	R. L. Polk & Co.
1933	ALVERA ANTONE R	R. L. Polk & Co.
	GAVINE LEONA MRS H	R. L. Polk & Co.
1928	Withers Frank Naomi driver H	R.L. Polk and Co of California

526 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	HEGY WILLIAM Z R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

528 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	WALLACE GERTIE R	The Pacific Telephone & Telegraph Co.
1943	Matis Steve lab h	R. L. Polk & Co.
	Biggs Morris H h	R. L. Polk & Co.

530 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	SURVINE S SERVICE AID	Pacific Telephone Directory
1950	HARRIS ALFRED G R	The Pacific Telephone & Telegraph Co.
1943	EVANS Kirby Gwen C shipydwkr h	R. L. Polk & Co.
1933	SEALS GEO COOK R	R. L. Polk & Co.
	JONES ROBT (ESTHER) JAN H	R. L. Polk & Co.

533 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DAVENPORT BEATRICE	The Pacific Telephone & Telegraph Co.
1938	SWANSON EARL JAMES R	Pacific Telephone

534 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Brown John O whsmn r	R. L. Polk & Co.
	Baxter Thos shipydwkr r	R. L. Polk & Co.
	LEE Finous S h	R. L. Polk & Co.
1928	Piedmont Jas G Annie Lee & Gray H	R.L. Polk and Co of California
1925	LEE & GRAY FUEL	R. L. Polk & Co. of California

536 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LEE F S LEE S COAL YARD	The Pacific Telephone & Telegraph Co.
	LEE S COAL YARD	The Pacific Telephone & Telegraph Co.
1938	LEE F S FUEL	Pacific Telephone
1933	LEE & GRAY (F S LEE J G GRAY) FUEL	R. L. Polk & Co.

537 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	FLOYD ALBERT	The Pacific Telephone & Telegraph Co.
1950	SINGER JOHN R	The Pacific Telephone & Telegraph Co.
	STONE FRANCES R	The Pacific Telephone & Telegraph Co.
	STONE GEO E R	The Pacific Telephone & Telegraph Co.
1943	Kyle Margt beauty shop r	R. L. Polk & Co.
	BROOKS Beatrice Mrs r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Hallmon Clifton lab h	R. L. Polk & Co.
1938	RAINBOW BEAUTY SALON	Pacific Telephone
1928	Park Minnie D Mrs H	R.L. Polk and Co of California

539 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	KEEFER LEONARD A R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1945	KEEFER LEONARD A R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	KEEFER LEONARD A R	Pacific Telephone

542 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DALLEY James	Haines Company, Inc.
1962	Smith Roland	Pacific Telephone
1955	FERGUSON ESTELLE	The Pacific Telephone & Telegraph Co.
1950	BROOKS W L R	The Pacific Telephone & Telegraph Co.
1943	Ross Lee Mamie lab h	R. L. Polk & Co.
1933	ROSS LEE (MAMIE) LAB H	R. L. Polk & Co.
1925	KENNEDY FRED F R	R. L. Polk & Co. of California
1920	KENNADY MAXINE R	R. L. Polk & Co. of California

544 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	JENNEY FRANCIS E LT R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

550 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LOCKWOOD K L R SAN LEANDRO	The Pacific Telephone & Telegraph Co.

555 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BECKER HARRY R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1945	BECKER HARRY R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	BECKER HARRY R	Pacific Telephone

562 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	WESSLING A H PROF R	The Pacific Telephone & Telegraph Co.
1938	WALL M R R	Pacific Telephone

FINDINGS

569 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	NELSON Marie C Mrs siswmn H	R.L. Polk and Co of California

580 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	GRAY ROBERT R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	GRAY ROBERT R	Pacific Telephone

586 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	KNUDSEN PETER R	Pacific Telephone

587 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	MILLER M J R	Pacific Telephone

592 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	King Clyde L Jr	Pacific Telephone

528 1/2 LEWIS ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	MATIS STEVE R	Pacific Telephone

PERALTA

406 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Sowers Leonard F	R. L. Polk & Co.
1946	Clark B V	R. L. Polk & Co.
	Ballew H M	R. L. Polk & Co.
1940	Milton M D	R. L. Polk & Co.

407 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Sousa Romald A	R. L. Polk & Co.
1951	Souaa R A	R. L. Polk & Co.

410 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Mrs R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Wickstr Om C E	R. L. Polk & Co.

411 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Kephart GL	R. L. Polk & Co.

416 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Wickstrom Clarice E Mrs	R. L. Polk & Co.
1946	Wickstrom C E Mrs	R. L. Polk & Co.
1940	Wickstrom O N	R. L. Polk & Co.

417 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Kephart Gaius L	R. L. Polk & Co.
1946	Allen B S Mrs	R. L. Polk & Co.
1940	Swan F E	R. L. Polk & Co.

428 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Lay Edna B Mrs	R. L. Polk & Co.
1951	Atwood A I	R. L. Polk & Co.
1946	Atwood A H	R. L. Polk & Co.
1940	Dickenson May Mrs	R. L. Polk & Co.

436 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Turley Belle Mrs	R. L. Polk & Co.
1946	Foster F M jr	R. L. Polk & Co.
1940	Mason Kath Mrs	R. L. Polk & Co.
	Dixon Minnie Mrs	R. L. Polk & Co.

449 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Martin Agnes Mrs	R. L. Polk & Co. of California
1926	Martin W H	R. L. Polk & Co.

457 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Simpkins Harry	R. L. Polk & Co. of California

FINDINGS

460 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Behlen O C	R. L. Polk & Co.

462 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1926	Vacant	R. L. Polk & Co.

463 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Langford S D	R. L. Polk & Co. of California

466 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Dixon Minnie Mrs	R. L. Polk & Co. of California
	Mason Kath Mrs	R. L. Polk & Co. of California
1926	Johnson O T	R. L. Polk & Co.

470 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Fisher Reinhard	R. L. Polk & Co. of California

472 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Fraga A L	R. L. Polk & Co. of California

480 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Mc Guirk Ellen N	R. L. Polk & Co. of California

481 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	Stewart Helen Mrs	R. L. Polk & Co. of California

488 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1932	PHILIP Changed to Rose	R. L. Polk & Co. of California
	Moon M T	R. L. Polk & Co. of California

712 PERALTA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	0 AKLAND FREE LIBRARY	R.L. Polk and Co of California

FINDINGS

PERALTA AVE

740 PERALTA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DAMOISEAUX MICHEL BERKELEY	Pacific Telephone Directory
1955	PEDERSEN RALPH REV BERKELEY	The Pacific Telephone & Telegraph Co.
1928	Chas Lloyd C Clara E photog H	R.L. Polk and Co of California

824 PERALTA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	HILL Ernest musician R	R.L. Polk and Co of California

PERALTA BLVD

392 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	BRAD-RICK REALTY	R. L. Polk & Co.
	BRAD RICK REALTY	R. L. Polk & Co.
1960	NILES SAND & GRAVEL CO	Pacific Telephone

405 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Leroy waiter R	R.L. Polk and Co of California

440 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	COSTA & RAMSEY S AUTO REPAIR	Pacific Telephone
1970	LECAS JOE GARAGE	Pacific Telephone and Telegraph Co
	J & W AUTO SPECIALTIES	Pacific Telephone and Telegraph Co
1965	LUCAS JOE GARAGE	R. L. Polk & Co.
1960	LUCAS GARAGE	Pacific Telephone

444 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	FREMONT FOREIGN AUTO REPAIRS	Pacific Telephone and Telegraph Co

450 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CHEERS COCKTAIL	Haines & Company
	THESPOTLIGHTCAFE	Haines & Company
	CHEERS COCKTAIL	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LNG THESPOTLIGHTCAFE	R. L. Polk & Co.

458 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	TYSON HARRY T	Pacific Telephone

494 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	ALMATED STEAK BLOCK	Pacific Telephone
1970	ALMATEO STEAK BLOCK	Pacific Telephone and Telegraph Co
1965	STEAK BLOCK ALMATEO	R. L. Polk & Co.
	ALMATEO STEAK BLOCK	R. L. Polk & Co.
	ALMATEO STEAK BLOCK	R. L. Polk & Co.

555 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MCCRORY & RENFROE ATTYS FREMONT	Pacific Telephone Directory
	YMCA-YOUNG MEN S CHRISTIAN ASSOCIATION	Pacific Telephone Directory
	RENFROE JAMES R MCCRORY & RENFROE ATTYS FREMONT	Pacific Telephone Directory
	MCCRORY CHARLES MCCRORY & RENFROE ATTYS FREMONT	Pacific Telephone Directory

741 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Sandellus Amy bkpr Guarantee Shoe Co R	R.L. Polk and Co of California

768 PERALTA BLVD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	ktuc Chas H Hinda driver H	R.L. Polk and Co of California

PERALTA CT

715 PERALTA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	JOHNSON ELI	Pacific Telephone
	LOWE DAVID	Pacific Telephone

FINDINGS

727 PERALTA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Durant Belle Mrs H	R.L. Polk and Co of California

731 PERALTA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Valjalo Geo J florist R	R.L. Polk and Co of California

734 PERALTA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	WHITE JOSEPHINE MRS R	The Pacific Telephone & Telegraph Co.

PERALTA ST

401 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	CITY OFFICES	The Pacific Telephone & Telegraph Co.
1950	COSTUME SERVICE	The Pacific Telephone & Telegraph Co.
1945	IVERSON TODD S R	The Pacific Telephone & Telegraph Co.
	CITY OFFICES	The Pacific Telephone & Telegraph Co.
1943	Iverson Todd S Helen recreation dir ORD r	R. L. Polk & Co.
	Iverson Helen H recreation dir ORD r	R. L. Polk & Co.
1938	CITY OFFICES	Pacific Telephone
1925	CITY AND COUNTY OFFICES	R. L. Polk & Co. of California
1920	Y W C A INTERNATIONAL INSTITUTE	R. L. Polk & Co. of California
	JAMES MRS E P INTER INST	R. L. Polk & Co. of California

409 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	JARRETT MRS W A R	R. L. Polk & Co. of California

429 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	HAYES WM J R	R. L. Polk & Co. of California

433 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	HUTSON BESSIE R	R. L. Polk & Co. of California

440 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	LUCAS JOE GARAGE	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	GOLDEN STATE CO LTD MILK & MILK PRODS	The Pacific Telephone & Telegraph Co.
1950	GOLDEN STATE CO LTD DAIRY PRODUCTS	The Pacific Telephone & Telegraph Co.
1945	SPENCER GLENN H ATTY SAN LEANDRO	The Pacific Telephone & Telegraph Co.

444 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	FREMONT FOREIGN AUTO REPAIRS	Pacific Telephone

458 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	HAPPY HOUSE CARPETS	Pacific Telephone

500 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OLIVER Frank	Haines Company, Inc.
1986	Whse	PACIFIC BELL WHITE PAGES
1980	Rose Sharron Missionary Baptist Church	Pacific Telephone
1955	NEWSOM RODELL	The Pacific Telephone & Telegraph Co.
1933	HOLST AUGUSTE L MRS STATY	R. L. Polk & Co.
1920	MCWALTERS P	R. L. Polk & Co. of California

501 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Keye Wm R Irene B mach h	R. L. Polk & Co.
1933	NEW CENTURY COMMUNITY CENTER	R. L. Polk & Co.
	MANOS PETER CLK H	R. L. Polk & Co.
	KALLAS JOHN R	R. L. Polk & Co.
	ALVISO JOHN LNDYWKR R	R. L. Polk & Co.
	BIRD PAULINE R MRS SUPVR OKLD PLAYGROUND DEPT R	R. L. Polk & Co.

504 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

507 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	GOINGS HELEN R	The Pacific Telephone & Telegraph Co.
1933	ROGERS JOHN CAR CLNR R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	RODGERS MARY J MRS H	R. L. Polk & Co.

508 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NOLAN ALISA	Pacific Bell
1996	CARING HANDS	PACIFIC BELL DIRECTORY
1967	VACANT	R. L. Polk Co.
1962	Davenport Theophilus N	Pacific Telephone
1955	RUFFINS CLARA R	The Pacific Telephone & Telegraph Co.
1950	HENDERSON CLARA R	The Pacific Telephone & Telegraph Co.
1943	Craig Robt shipydwr r	R. L. Polk & Co.
	WATTS Lillian Mrs h	R. L. Polk & Co.
1933	ROBINSON LILLIAN MRS H	R. L. Polk & Co.
	ROBINSON CHESTER R	R. L. Polk & Co.
	BARBOUR JEANE R	R. L. Polk & Co.
	MALLORY RUFUS R	R. L. Polk & Co.

509 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	MYERS ALVA STEN DIST ATTY R	R. L. Polk & Co.

510 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.
1962	Gozoe Jerry Mae	Pacific Telephone
	Jones Alice	Pacific Telephone
	Neal Mary E	Pacific Telephone
1943	Bullock Jessie M r	R. L. Polk & Co.
	Bullock Lenora A wid D A h	R. L. Polk & Co.
	Fain Myrtle Z coach clnr SP Co r	R. L. Polk & Co.
	JOHNSON Jas whsmn r	R. L. Polk & Co.
	Shaw Marshall shipydwr r	R. L. Polk & Co.

511 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	NELSON F R	The Pacific Telephone & Telegraph Co.

FINDINGS

513 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	GREEN I MRS R	The Pacific Telephone & Telegraph Co.
1950	GREEN I MRS R	The Pacific Telephone & Telegraph Co.
1945	GREEN I MRS R	The Pacific Telephone & Telegraph Co.
1943	Conceicao Theresa E sten Interstate Utilities Corp r	R. L. Polk & Co.
	Conceicao Manuel D jr lab r	R. L. Polk & Co.
	Conceicao Manuel D Caroline F lab h	R. L. Polk & Co.
1933	CANCEICO M STEVEDORE R	R. L. Polk & Co.
	DA CONCEICAS MANUEL (CARRIE) H	R. L. Polk & Co.

515 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DUNLAP HOMER R	The Pacific Telephone & Telegraph Co.
1950	DUNLAP HOMER R	The Pacific Telephone & Telegraph Co.
1943	Robinson Louis R Kath whsmn r	R. L. Polk & Co.
	CARRUTHERS Jeanette wid Geo h	R. L. Polk & Co.
1933	ALSTON SUSIE MRS R	R. L. Polk & Co.
1920	PRUITT MRS A J R	R. L. Polk & Co. of California

517 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	BOWIE VIVIAN R	The Pacific Telephone & Telegraph Co.
1925	HALL W L R	R. L. Polk & Co. of California

523 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	RAILROAD QUARTERS	The Pacific Telephone & Telegraph Co.
	FORD L K	The Pacific Telephone & Telegraph Co.
	BARNES LOUIS	The Pacific Telephone & Telegraph Co.
1950	FORD L IK R	The Pacific Telephone & Telegraph Co.
1945	FORD L K R	The Pacific Telephone & Telegraph Co.
1943	Ford Lavalle K Emily G furn rms	R. L. Polk & Co.
1938	FORD L K R	Pacific Telephone
1933	OSBORNE THOS H FLAGMN SPCO R	R. L. Polk & Co.
1928	Deakin Edw R	R.L. Polk and Co of California
	Morse Wm lather R	R.L. Polk and Co of California

FINDINGS

Peralta St

530 Peralta St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GARCIAS AUTO REPAIR	EDR Digital Archive
	GARCIAS AUTO REPAIR	EDR Digital Archive
2010	HONYASUKA	EDR Digital Archive
	GARCIAS AUTO REPAIR	EDR Digital Archive
	HONYASUKA	EDR Digital Archive
	GARCIAS AUTO REPAIR	EDR Digital Archive

PERALTA ST

530 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	REPAIR	Haines Company, Inc.
	GARCIASAUTO	Haines Company, Inc.
2000	GARCIA S AUTO REPAIR	Pacific Bell
1996	GARCIA ARTEMIO	PACIFIC BELL DIRECTORY
1992	GARCIA ARTEMIO	PACIFIC BELL DIRECTORY
1986	Cornell Auto Body & Fender	PACIFIC BELL WHITE PAGES
1980	Cornell Auto Body & Fender	Pacific Telephone

538 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Peralta View Soda Fountain	Pacific Telephone
1955	PERALTA VIEW SODA FOUNTAIN	The Pacific Telephone & Telegraph Co.
1950	PERALTA VIEW SODA FOUNTAIN	The Pacific Telephone & Telegraph Co.
1945	PERALTA VIEW BEAUTY SALON	The Pacific Telephone & Telegraph Co.
1943	Kyle Margt beauty shop	R. L. Polk & Co.

542 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	PINHEIRO M R R	Pacific Telephone
1933	CARDOZA MANUEL CRMRYWKR R	R. L. Polk & Co.

555 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	MC CARDLE JOHN R ATTY	Pacific Telephone
	LES MOD INTERNATIONAL BARBER SHOP	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	MC CRORY CHARLES ATTY	Pacific Telephone
1970	MARTIN S INTERNATL COIFFURES	Pacific Telephone and Telegraph Co
1965	MARTIN S INTERNATIONAL COIFFURES	R. L. Polk & Co.

556 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	CHUCK S SHELL SERVICE	Pacific Telephone

574 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	BLOCK ELSIE R	The Pacific Telephone & Telegraph Co.
1938	BLOCK ELSIE R	Pacific Telephone

600 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Turner Roy F r	Pacific Telephone
1955	TURNER ROY F R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	TURNER ROY F R	The Pacific Telephone & Telegraph Co.
1945	TURNER ROY F R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	TURNER ROY F R	Pacific Telephone

608 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	KJELLQUIST S J R	Pacific Telephone

610 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	MAXSON W H R	R. L. Polk & Co. of California

614 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Trelease P r	Pacific Telephone
1955	TRELEASE P R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	TRELEASE P R	The Pacific Telephone & Telegraph Co.
1945	TRELEASE P R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	TRELEASE P R	Pacific Telephone

620 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	HALEY JERRY INS	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	BARCLAY B F R	Pacific Telephone

626 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	CULBERTSON F B R	Pacific Telephone
1933	MOWER ALTON J (ETTA) GAS STA ATDT H BERKELEY	R. L. Polk & Co.
	MOWER ETTA MRS BKPR FED INTERMEDIATE CREDIT BANK R BERKELEY	R. L. Polk & Co.
1925	BRIGGS J H R	R. L. Polk & Co. of California

630 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	AMBROSE DENTAL LABORATORY INC FREMONT 79727	Pacific Telephone
1967	LOUOERMILK ALASHA	R. L. Polk Co.
1925	O NEIL J P R	R. L. Polk & Co. of California

631 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	LUCAS BERNARD G	Pacific Telephone

638 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	MURPHY EDW R R	Pacific Telephone
1933	MURPHY ED R (KATH) SLSMN CONTINENTAL BAKING CO H BERKELEY	R. L. Polk & Co.
1925	SAWYER MRS E H R	R. L. Polk & Co. of California

646 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	RAAB NORMAN C R	Pacific Telephone

652 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Peters Wm A r	Pacific Telephone
1955	PETERS WM A R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	PETERS WM A R	The Pacific Telephone & Telegraph Co.
1945	PETERS WM A R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	PETERS WM A R	Pacific Telephone

FINDINGS

655 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	TIRE SUPPLY CO SAN LEANDRO	The Pacific Telephone & Telegraph Co.
	BARBIERI TIRE CO SAN LEANDRO	The Pacific Telephone & Telegraph Co.
	SELLS LEE R TIRE SUPPLY CO SAN LEANDRO	The Pacific Telephone & Telegraph Co.
	BERGEN TIRE CO SAN LEANDRO	The Pacific Telephone & Telegraph Co.

660 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	SORENSEN T R	Pacific Telephone

666 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	STEVENSON J H R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	STEVENSON J H R	The Pacific Telephone & Telegraph Co.
1945	STEVENSON J H R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	STEVENSON J H R	Pacific Telephone

670 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	CENTURY LIQUOR STORE	Pacific Telephone
1938	ROSSEN MARY J R	Pacific Telephone

673 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	DUKE WM D FRUIT	R. L. Polk & Co.

676 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	SYBRANDT PAUL R	R. L. Polk & Co. of California
1920	SYBRANDT PAUL R	R. L. Polk & Co. of California

678 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	SMITH LOYAL D R	R. L. Polk & Co. of California

680 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	PERKINS DANIEL C R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	PERKINS DANIEL C R	Pacific Telephone

FINDINGS

681 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	GATTI RANCH THE	Pacific Telephone
1938	HUNTER EARL R	Pacific Telephone

693 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	ZACHER VERNON B R	R. L. Polk & Co. of California

697 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	HEPPLER C L R	R. L. Polk & Co. of California

701 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	CANADY GERALDINE	Pacific Telephone
1925	WERNER MRS C R	R. L. Polk & Co. of California

702 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	READER S J R	R. L. Polk & Co. of California

703 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	MCLENNAN IRENE R	R. L. Polk & Co. of California

704 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	BROWNE H W R	R. L. Polk & Co. of California

705 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DAVIS Chrs	Haines Company, Inc.
2000	DAVIS C	Pacific Bell
1996	DAVIS C	PACIFIC BELL DIRECTORY
1992	DAVIS C	PACIFIC BELL DIRECTORY
	BJERKE BRUCE	PACIFIC BELL DIRECTORY
1991	Davis C	PACIFIC BELL WHITE PAGES
	Bjerke Bruce	PACIFIC BELL WHITE PAGES
1980	New Willow Hotel	Pacific Telephone
	Myles Mandy	Pacific Telephone
1975	NEW WILLOW HOTEL	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	MYLES MANDY	Pacific Telephone
1970	NEW WILLOW HOTEL	Pacific Telephone Directory
	MYLES MANDY	Pacific Telephone Directory
1950	LAWSON BEATRIX F R DENTIST	The Pacific Telephone & Telegraph Co.
	GI FN GUY A DR OFC	The Pacific Telephone & Telegraph Co.
1938	KITCHEN GORDON B R	Pacific Telephone
	DINING CAR COOKS & WAITERS UNION LOC 456	Pacific Telephone
1933	SHIRLEY SANFORD H	R. L. Polk & Co.
1928	alta Oakland Employment Agency W M Ross	R.L. Polk and Co of California
1925	MORGAN DR CHARLES L R	R. L. Polk & Co. of California
	ROSS W M R	R. L. Polk & Co. of California
	PATTEN LLOYD H R	R. L. Polk & Co. of California
1920	FORDE MRS O MAY R	R. L. Polk & Co. of California

706 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	ROBERTSON CONSTANCE R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	KINNEY KENNETH C R	Pacific Telephone
1925	KITTS JOSEPH A R	R. L. Polk & Co. of California

707 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	BILL S CHICKEN SHACK	Pacific Telephone
1970	SCRATCH S	Pacific Telephone Directory
1967	TUXEDO CAFF	R. L. Polk Co.
1945	MATOZA M G JR R SAN LEANDRO	The Pacific Telephone & Telegraph Co.
1938	MATOZA M G JR R	Pacific Telephone
	MATOZA MARIE R	Pacific Telephone
1933	SMITH WESLEY SHOE SHINER	R. L. Polk & Co.
1920	PETRALLI JAS PLUMBER	R. L. Polk & Co. of California

708 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Balducci Diane	Pacific Telephone
1943	Fraternity Hall	R. L. Polk & Co.
1933	FRATERNITY HALL	R. L. Polk & Co.
1925	CROCKER C W R	R. L. Polk & Co. of California

FINDINGS

709 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	KLAMT HENRY R	Pacific Telephone
1925	VEALE F M R	R. L. Polk & Co. of California

710 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	COOK MRS MARY R	R. L. Polk & Co. of California
1920	MCCONNELL D D R	R. L. Polk & Co. of California

711 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	INGRAHAM CHARLES T R	R. L. Polk & Co. of California

Peralta St

712 Peralta St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BUNNY HUNNYS GUMMY MOON TRAVE	EDR Digital Archive
	BUNNY HUNNYS GUMMY MOON TRAVE	EDR Digital Archive

PERALTA ST

712 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WALSH Lexa	Haines Company, Inc.
2000	BALL ALAN	Pacific Bell
1992	GOTTSEGEN DAN	PACIFIC BELL DIRECTORY
1991	Gottsegen Dan	PACIFIC BELL WHITE PAGES
1980	Consumer Planners Assn Inc	Pacific Telephone
1970	OAKLAND CITY OF	Pacific Telephone Directory
1967	CITY PUBLIC LIBRARY W OAKLAND	R. L. Polk Co.
1962	West Oakland Br	Pacific Telephone
1955	CITY OFFICES SMITH LOYAL D R BERKELEY	The Pacific Telephone & Telegraph Co.
1945	CITY OFFICES SMITH LOYAL D R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	West Oakland	R. L. Polk & Co.
1938	CITY OFFICES SMITH LOYAL D R	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	OAKLAND FREE LIBRARY BOARD OF DIRECTORS WM J MCCRACKEN PRES CHAS W FISHER M	R. L. Polk & Co.
1925	CITY AND COUNTY OFFICES	R. L. Polk & Co. of California
1920	CITY & COUNTY OFFICES	R. L. Polk & Co. of California
	DAILY MRS W H NURSE	R. L. Polk & Co. of California
	WEST OAK BR OAK FREE LBRY	R. L. Polk & Co. of California

Peralta St

715 Peralta St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	YANG INC	EDR Digital Archive
	YANG INC	EDR Digital Archive
2010	YANG INC	EDR Digital Archive
	BOOKER EMERY HOUSE	EDR Digital Archive
	YANG INC	EDR Digital Archive
	BOOKER EMERY HOUSE	EDR Digital Archive

PERALTA ST

715 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	INTERNATIONAL	Haines Company, Inc.
	DARKE Ramdas S	Haines Company, Inc.
	DARKE Ramdas S	Haines Company, Inc.
	DARKE Ramdas S	Haines Company, Inc.
	DARKE Ramdas S	Haines Company, Inc.
	HERBERT Al len	Haines Company, Inc.
	HOBDY Brenda	Haines Company, Inc.
	IRVINE Barbare	Haines Company, Inc.
	JACKSON Michellne	Haines Company, Inc.
	JONES Elizabeth	Haines Company, Inc.
	MITCHELLCaro I	Haines Company, Inc.
	RUSSELLAdran	Haines Company, Inc.
	RUSSELLAdean L Si O 763 3130	Haines Company, Inc.
	WILLIAMS Cynthia	Haines Company, Inc.
	BOOKER EMERY HOUSE	Haines Company, Inc.
	BOOKER len	Haines Company, Inc.
	CUTRERDav Id	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OARKE	Haines Company, Inc.
2000	DARKE INTERNATIONAL	Pacific Bell
	JUDKINS LARRY	Pacific Bell
	105 DARKE RAMDAS S	Pacific Bell
	105 DARKE RAMDAS S	Pacific Bell
	105 DARKE RAMDAS S	Pacific Bell
	115 BROWN ROBERT	Pacific Bell
	208 SIMS PRINCESS M	Pacific Bell
	210 BOOKER ADRIAN L	Pacific Bell
	212 ROSS ANGELA	Pacific Bell
	310 RESTUCCIA JOSEPH JR	Pacific Bell
	311 MADRIGAL SERGIO A JR	Pacific Bell
	317 BUTLER ANTOINE L	Pacific Bell
	405 ROBERSON MIKA	Pacific Bell
1996	DARKE INTERNATIONAL	PACIFIC BELL DIRECTORY
	113 HARDIN ELIJAH	PACIFIC BELL DIRECTORY
	202 BENNETT EARL	PACIFIC BELL DIRECTORY
	213 SMITH W	PACIFIC BELL DIRECTORY
	407 WILSON O L	PACIFIC BELL DIRECTORY
	415 HOWARD TOMMY	PACIFIC BELL DIRECTORY
1992	DARKE INTERNATIONAL	PACIFIC BELL DIRECTORY
	113 HINES EASTER M	PACIFIC BELL DIRECTORY
	204 PERRY LEONARD REV	PACIFIC BELL DIRECTORY
	209 KHATRI NAVIN	PACIFIC BELL DIRECTORY
	401 WALKER FREDRICK	PACIFIC BELL DIRECTORY
	404 NEAL JOHN MARTIN	PACIFIC BELL DIRECTORY
	407 GARLAND ARTHUR LEE	PACIFIC BELL DIRECTORY
1991	Darke International	PACIFIC BELL WHITE PAGES
	Darke Ramdas S	PACIFIC BELL WHITE PAGES
	Darke Subhash	PACIFIC BELL WHITE PAGES
	Darkins C	PACIFIC BELL WHITE PAGES
	Garland Arthur Lee	PACIFIC BELL WHITE PAGES
	Gooch A	PACIFIC BELL WHITE PAGES
	Neal John Martin	PACIFIC BELL WHITE PAGES
	Perry Leonard Rev	PACIFIC BELL WHITE PAGES
	Robinson Eric T	PACIFIC BELL WHITE PAGES
	Sims Case!	PACIFIC BELL WHITE PAGES
	Sims Charles	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Walker Fredrick	PACIFIC BELL WHITE PAGES
	Walker G	PACIFIC BELL WHITE PAGES
	Walker	PACIFIC BELL WHITE PAGES
	Walker G	PACIFIC BELL WHITE PAGES
	Walker G	PACIFIC BELL WHITE PAGES
	Bachinski Charles	PACIFIC BELL WHITE PAGES
	Bachle N	PACIFIC BELL WHITE PAGES
1986	Anderson Sammie	PACIFIC BELL WHITE PAGES
	Anderson Sara	PACIFIC BELL WHITE PAGES
	Brocks Linda	PACIFIC BELL WHITE PAGES
	Brown Reese	PACIFIC BELL WHITE PAGES
	Darke International	PACIFIC BELL WHITE PAGES
	Darke Ramdas S	PACIFIC BELL WHITE PAGES
	Garland Arthur Lee	PACIFIC BELL WHITE PAGES
	Johnson Eli	PACIFIC BELL WHITE PAGES
	Johnson Elin M	PACIFIC BELL WHITE PAGES
	Mc Donald Ora	PACIFIC BELL WHITE PAGES
	Milton Eddie Jr	PACIFIC BELL WHITE PAGES
	Milton Graydon A	PACIFIC BELL WHITE PAGES
	Neal John Martin	PACIFIC BELL WHITE PAGES
	Perry Leonard Rev	PACIFIC BELL WHITE PAGES
	Smith Foster P	PACIFIC BELL WHITE PAGES
o Ampson H S	PACIFIC BELL WHITE PAGES	
1980	Emery Natalie B	Pacific Telephone
	Garland Arthur Lee	Pacific Telephone
	Gilkey L B	Pacific Telephone
	Grayson Moose	Pacific Telephone
	Green Taylor	Pacific Telephone
	Hawkins Della	Pacific Telephone
	Henderson Arthur Jr	Pacific Telephone
	Johnson Eli	Pacific Telephone
	Kirkland Ken	Pacific Telephone
	Lewis Thos M	Pacific Telephone
	Miller Vivian D	Pacific Telephone
	Neal John Martin	Pacific Telephone
	Perry Leonard Rev	Pacific Telephone
	Smith Foster P	Pacific Telephone
	Thompson Carrie	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Washington Doris	Pacific Telephone
	Williams Alfred	Pacific Telephone
	Williams Sy	Pacific Telephone
1975	BOOKER EMERY HOUSE	Pacific Telephone
	HARVEY EDNA MAE	Pacific Telephone
	JORDAN GLADINE	Pacific Telephone
	NEAL JOHN MARTIN	Pacific Telephone
	PERRY LEONARD REV	Pacific Telephone
1967	AUSTIN THOMAS L	R. L. Polk Co.
1962	Brown Will	Pacific Telephone
	Burrell Lewis	Pacific Telephone
	Carson Lois	Pacific Telephone
	Colvin Sidney Mrs	Pacific Telephone
	Garrison Sarah	Pacific Telephone
	Goodson Ernestine	Pacific Telephone
	Howard Lueburda	Pacific Telephone
	Jackson Eunice	Pacific Telephone
	Middlebrook Chas E	Pacific Telephone
	Patrick Odell Jr	Pacific Telephone
	Payne R C	Pacific Telephone
	Pittman Arthur	Pacific Telephone
	Spencer Isham B	Pacific Telephone
	Spencer Margie	Pacific Telephone
	Steen Ora Lee	Pacific Telephone
	Williams Roscoe J r	Pacific Telephone
Williams Rosie M	Pacific Telephone	
1955	HENDERSON J H	The Pacific Telephone & Telegraph Co.
	JOHNSON EVALENA	The Pacific Telephone & Telegraph Co.
	JONES BEN R	The Pacific Telephone & Telegraph Co.
	JORDAN JAS	The Pacific Telephone & Telegraph Co.
	STEEN ORA LEE	The Pacific Telephone & Telegraph Co.
	WILLIAMS ROSCOE J R	The Pacific Telephone & Telegraph Co.
	BRADLEY FRED R	The Pacific Telephone & Telegraph Co.
	BRADLEY S TRANSFER	The Pacific Telephone & Telegraph Co.
	BYRON WILLIE F	The Pacific Telephone & Telegraph Co.
	CHARLESTON LEROY	The Pacific Telephone & Telegraph Co.
CLEMONS ERNEST R	The Pacific Telephone & Telegraph Co.	
COMPTON MAE	The Pacific Telephone & Telegraph Co.	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	DOATY HERBERT	The Pacific Telephone & Telegraph Co.
	FURLOW J D R	The Pacific Telephone & Telegraph Co.
1950	BARBERI ODESSA R	The Pacific Telephone & Telegraph Co.
	BRADLEY FRED R	The Pacific Telephone & Telegraph Co.
	BI ADLEY S TRANSFER	The Pacific Telephone & Telegraph Co.
	CAMPBELL JUNIS R	The Pacific Telephone & Telegraph Co.
	CHAMIIBERS GERTHLIA R	The Pacific Telephone & Telegraph Co.
	COLBERT EDNA R	The Pacific Telephone & Telegraph Co.
	DAVIS MABLE LEE R	The Pacific Telephone & Telegraph Co.
	DAVIS WARDELL C MRS R	The Pacific Telephone & Telegraph Co.
	DEBOSE MARY R	The Pacific Telephone & Telegraph Co.
	FERGNSON M C R	The Pacific Telephone & Telegraph Co.
	FORD BILLY R	The Pacific Telephone & Telegraph Co.
	FURLOW J D R	The Pacific Telephone & Telegraph Co.
	HARRIS LOUIS V R	The Pacific Telephone & Telegraph Co.
	HAYES ALBERTA R	The Pacific Telephone & Telegraph Co.
	HILL CERVERA R	The Pacific Telephone & Telegraph Co.
	HILL HERMAN R	The Pacific Telephone & Telegraph Co.
	JOHNSON EARL R	The Pacific Telephone & Telegraph Co.
	JOHNSON OVERTON R	The Pacific Telephone & Telegraph Co.
	JONES BEN R	The Pacific Telephone & Telegraph Co.
	LEWIS RICHARD J R	The Pacific Telephone & Telegraph Co.
	LILLY STERLING R	The Pacific Telephone & Telegraph Co.
	LONG HARRY G R	The Pacific Telephone & Telegraph Co.
	MANUEL W R R	The Pacific Telephone & Telegraph Co.
	NICHOLS BRYANT R	The Pacific Telephone & Telegraph Co.
	ROBINSON PEARL J MRS R	The Pacific Telephone & Telegraph Co.
	SATTYFIELD PERRY R	The Pacific Telephone & Telegraph Co.
	SMITH ALBERTA L R	The Pacific Telephone & Telegraph Co.
SMITHL THEA R	The Pacific Telephone & Telegraph Co.	
WARE GUSSIE R	The Pacific Telephone & Telegraph Co.	
WARE WILLIE R	The Pacific Telephone & Telegraph Co.	
WEBB BESSIE R	The Pacific Telephone & Telegraph Co.	
WEBSTER LOUIS R	The Pacific Telephone & Telegraph Co.	
WILLIAMS DAVID R	The Pacific Telephone & Telegraph Co.	
WILLIASSS ROSCOE J R	The Pacific Telephone & Telegraph Co.	
WINSTON BERNICE R	The Pacific Telephone & Telegraph Co.	
1945	FORD BILLY R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	JOHNSON TOBY C R	The Pacific Telephone & Telegraph Co.
1943	Alcatraz Hall	R. L. Polk & Co.
1933	ALCATRAZ CHAPTER NO 82 RAM	R. L. Polk & Co.
	ALCATRAZ HALL	R. L. Polk & Co.
	ALCATRAZ LODGE F & AM NO 244	R. L. Polk & Co.
	AUSTRIAN MILITARY BENEVOLENT SOC	R. L. Polk & Co.
	BAY SIDE PARLOR NO 204 N D GW	R. L. Polk & Co.
	BAY VIEW PARLOR NO 238 N S GW	R. L. Polk & Co.
	FOREST CAMP NO 102 WOW	R. L. Polk & Co.
	FOREST CIRCLE NO 515 WOW	R. L. Polk & Co.
	UNITY CHAPTER NO 65 OES	R. L. Polk & Co.

Peralta St

716 Peralta St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NEBULUS ENTERPRISES LLC	EDR Digital Archive
	SPACE FREIGHTERS LLC	EDR Digital Archive
	HYIMBY CORP	EDR Digital Archive
	SPACE FREIGHTERS LLC	EDR Digital Archive
	HYIMBY CORP	EDR Digital Archive
	NEBULUS ENTERPRISES LLC	EDR Digital Archive
2010	LAURA FLIPPEN / PHOTOGRAPHY	EDR Digital Archive
	LAURA FLIPPEN / PHOTOGRAPHY	EDR Digital Archive

PERALTA ST

716 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MARTIN Cally	Haines Company, Inc.
2000	WALSH LEXA	Pacific Bell
1996	WALSH LEXA	PACIFIC BELL DIRECTORY
1992	BROWNRIGG JERRY JR	PACIFIC BELL DIRECTORY
1980	Williams Henry Sr	Pacific Telephone
1970	NORMAN HENRY	Pacific Telephone Directory
1967	ALBERT LILLIE M MRS H	R. L. Polk Co.
1962	Harrison Tommie	Pacific Telephone
	Harrison Ernest	Pacific Telephone
1955	SEGEDIN HILMA R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	SEGEDIN HILMA R	The Pacific Telephone & Telegraph Co.
1943	Segedin Jas Hilma frt hndlr h	R. L. Polk & Co.
	Segedin Jas W shipydwkr r	R. L. Polk & Co.
1933	LEITAS JULIO COMFORTMKR R	R. L. Polk & Co.
	SEGEDIN JAS (HILMA) TRUCKER SPCO H	R. L. Polk & Co.
1925	FRAZIER T A R	R. L. Polk & Co. of California
	RADFORD E W R	R. L. Polk & Co. of California
1920	RADFORD E W R	R. L. Polk & Co. of California

717 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	PACIFIC ENGINEERS EXCHANGE (H W LOGAN E T GILLIS) MFRS AGTS	R. L. Polk & Co.
1925	MILES H A	R. L. Polk & Co. of California
	MILES FOOD PRODUCTS CO	R. L. Polk & Co. of California

718 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	DOYLE E T R	R. L. Polk & Co. of California
1920	HOUSTON S C R	R. L. Polk & Co. of California

Peralta St

720 Peralta St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LECHAT INC	EDR Digital Archive
	LECHAT INC	EDR Digital Archive

PERALTA ST

720 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DAVIS Chistopher	Haines Company, Inc.
1967	JONES EXTER	R. L. Polk Co.
1962	Williams Lee Birtha	Pacific Telephone
1950	WALKER CARRIE R	The Pacific Telephone & Telegraph Co.
1945	HERNANDEZ FRANK R	The Pacific Telephone & Telegraph Co.
1943	Galvan Jose Mary h	R. L. Polk & Co.
1938	COMPTON D G JR MRS R	Pacific Telephone
1933	FLESUIAS CHRIS (HELEN) CHAUF H	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	HERRICK MRS F T R	R. L. Polk & Co. of California

721 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	JOHNSON H E R	The Pacific Telephone & Telegraph Co.
1943	Williams Sylvester shipydwr r	R. L. Polk & Co.
	Davis Marion L June M waiter h	R. L. Polk & Co.
1938	NEVIN C T R	Pacific Telephone
1928	10th Domingo Julia Durham Farm Crmy H	R.L. Polk and Co of California
1925	GOMES D R	R. L. Polk & Co. of California
1920	WILDE W S R	R. L. Polk & Co. of California

722 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	BJORKLUND J R	R. L. Polk & Co. of California

723 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PADILLAMAeri	Haines Company, Inc.
1967	JOHNSON LOUISE MRS	R. L. Polk Co.
1962	Johnson H E	Pacific Telephone
1955	BYRD JIMMIE	The Pacific Telephone & Telegraph Co.
1945	BOSWELL ROY R	The Pacific Telephone & Telegraph Co.
1943	Williams Luke shipydwr r	R. L. Polk & Co.
	Parks Jas shipydwr r	R. L. Polk & Co.
	Boswell Roy Alma shipydwr h	R. L. Polk & Co.
1925	GEORGE CAPT ATHOL H R	R. L. Polk & Co. of California

724 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	PUGH CHAS EVEREST R	Pacific Telephone

725 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT 725 THRU	R. L. Polk Co.
1925	LEWIS OSCAR R	R. L. Polk & Co. of California

727 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MCDUEL OLLIE MAE	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MARSHALL LILLIAN R	The Pacific Telephone & Telegraph Co.
	SMITLI THEO R SMITH POULTRY MARKET	The Pacific Telephone & Telegraph Co.
1945	MARSHALL LILLIAN R	The Pacific Telephone & Telegraph Co.
1943	Marshall Lillian Mrs h	R. L. Polk & Co.
	Phillips John W lab r	R. L. Polk & Co.
	PHILLIPS Wm lab r	R. L. Polk & Co.
1933	LOERA MERCED LAB H	R. L. Polk & Co.
	VELASCO DOMINGO MRS R	R. L. Polk & Co.
1925	ATTAWAY W W R	R. L. Polk & Co. of California

728 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a MINERO Rosa	Haines Company, Inc.
1991	Rollerson Welton	PACIFIC BELL WHITE PAGES
1986	Rollerson Welton	PACIFIC BELL WHITE PAGES
1980	Pearls Beauty Salon	Pacific Telephone
	Rollerson Pearl	Pacific Telephone
	Rollerson Pearl Pearls Beauty Salon	Pacific Telephone
	Rollerson Welton	Pacific Telephone
1970	PEARL S BEAUTY SALON	Pacific Telephone Directory
	ROLLERSON PEARL	Pacific Telephone Directory
	ROLLERSON PEARL PEARL S BEAUTY SALON	Pacific Telephone Directory
	ROLLERSON WELTON	Pacific Telephone Directory
1967	ROLLEPSON WFLTON	R. L. Polk Co.
	A WILLIAMS EVELYN MRS TE	R. L. Polk Co.
	REAR PEARL BEAUTY SALON TE	R. L. Polk Co.
1962	Pearls Beauty Salon	Pacific Telephone
	Rollerson Pearl	Pacific Telephone
	Rollerson Pearl Pearls Bty Salon	Pacific Telephone
	Rollerson Welton	Pacific Telephone
1955	PEARL S BEAUTY SALON	The Pacific Telephone & Telegraph Co.
	ROLLERSON PEARL	The Pacific Telephone & Telegraph Co.
	ROLLERSON PEARL PEARL S BTY SALON	The Pacific Telephone & Telegraph Co.
	ROLLERSON WELTON	The Pacific Telephone & Telegraph Co.
1950	WU PAK R	The Pacific Telephone & Telegraph Co.
1945	WU PAK R	The Pacific Telephone & Telegraph Co.
1943	Leong Geo Indywkr r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Pak Mabel stdt nurse Co Hosp r	R. L. Polk & Co.
	Wu Hester r	R. L. Polk & Co.
	Wu Milton shipydwkr r	R. L. Polk & Co.
	Wu Pak Wong Shee Indywkr h	R. L. Polk & Co.
1938	WU PAK R	Pacific Telephone
1933	PAK WU H	R. L. Polk & Co.
1925	COTICH GEO R	R. L. Polk & Co. of California
	MOGLICH FRANCES V R	R. L. Polk & Co. of California

729 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MARSHALL LILLIAN	Pacific Telephone Directory
1967	MARSHALL LILLIAN MRS	R. L. Polk Co.
1962	Marshall Lillian	Pacific Telephone

730 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	GRANTHAM WILLIAM R	The Pacific Telephone & Telegraph Co.
1945	GRANTHAM WILLIAM R BERKELEY	The Pacific Telephone & Telegraph Co.

731 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MARSHALL LILLIAN R	The Pacific Telephone & Telegraph Co.
1938	OGDEN IVAN R	Pacific Telephone
1933	GRAHAM HERSCHEL B LAB R	R. L. Polk & Co.
1928	Valjalo John Lucy H	R.L. Polk and Co of California
	Valjalo Peter J clk R	R.L. Polk and Co of California

734 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROLLERSON Wellon	Haines Company, Inc.
	JONES KaamIlya P	Haines Company, Inc.
	B JONES Kaamilya	Haines Company, Inc.
2000	LAMBERT LASHAWN	Pacific Bell
1992	ROLLERSON WELTON	PACIFIC BELL DIRECTORY
1991	Williams Frank	PACIFIC BELL WHITE PAGES
1975	DUNCAN GEO W	Pacific Telephone
1970	AMERICAN WOODMEN FRATERNAL ASSN THE	Pacific Telephone Directory
	DE JAN JOSEPHINE MRS AMERICAN WOODMEN FRATERNAL ASSN THE	Pacific Telephone Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	AMERICAN WOODMEN FRATERNAL ASSN	R. L. Polk Co.
	DE JAN JOSEPHINE MRS	R. L. Polk Co.
1962	Amer Woodmen Fraternal Assn The	Pacific Telephone
	De Jan Josephine Mrs The Amer Woodmen Fratnl Assn	Pacific Telephone
1955	DE JAN JOSEPHINE MRS R	The Pacific Telephone & Telegraph Co.
	PERRY BIRDIE MRS R	The Pacific Telephone & Telegraph Co.
1950	DE JAN JOSEPHINE MRS R	The Pacific Telephone & Telegraph Co.
	PERRY BIRDIE MRS R	The Pacific Telephone & Telegraph Co.
	THOMRNSOI GEORGIA LEE R	The Pacific Telephone & Telegraph Co.
1945	GREEN MILDRED ELSEY R BERKELEY	The Pacific Telephone & Telegraph Co.
	PERRY BIRDIE MRS R	The Pacific Telephone & Telegraph Co.
1943	Harper Ira waiter r	R. L. Polk & Co.
	Perry Birdie wid Ephran r	R. L. Polk & Co.
	PRUITT Louise Mrs cnrywkr r	R. L. Polk & Co.
	PRUITT Roosevelt emp NAS r	R. L. Polk & Co.
	White Josephine wid Fuller h	R. L. Polk & Co.
1938	GREEN MILDRED ELSEY R	Pacific Telephone
1933	COVICH JOHN BARBER R	R. L. Polk & Co.
	MCCARTHY EDW C SIGNALMN SPCO R	R. L. Polk & Co.
	PRICE ROSE (WID C C) H	R. L. Polk & Co.
1920	GALLAGHER E J R	R. L. Polk & Co. of California

735 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Patten Lloyd H r	Pacific Telephone
1955	PATTEN LLOYD H R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	PATTEN KENNETH S R	The Pacific Telephone & Telegraph Co.
1945	PATTEN LLOYD H R BERKELEY	The Pacific Telephone & Telegraph Co.

741 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	SANDELIUS A E R	Pacific Telephone

746 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MAGILL PEARLE E R	The Pacific Telephone & Telegraph Co.

FINDINGS

747 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LAWSON CLENNIE MRS R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	LAWSON CLENNIE MRS R	Pacific Telephone

753 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	DOW VIOLA C MRS R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	INGRAHAM CHARLES T R	Pacific Telephone

762 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	PRESTON JUNELLEN M R	The Pacific Telephone & Telegraph Co.
1945	PRESTON JUNELLEN M R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	BISHOP E S R	Pacific Telephone

772 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Sanchez Dolores slswn Maxwell Hdw Co r	R. L. Polk & Co.

773 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	FOSTER RHODA R	Pacific Telephone
1933	THOMPSON RALPH L ASST MGR SOLANO AV BRANCH BANK OF AMERICA H BERKELEY	R. L. Polk & Co.

779 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	GOWER U BERKELEY	Pacific Telephone Directory

785 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	WYMAN J E R	Pacific Telephone

801 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Weyand Fred C	Pacific Telephone
1955	WEYAND FRED C R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	WEYANDFRED CR	The Pacific Telephone & Telegraph Co.
1945	WEYAND FRED C R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	WEYAND FRED C R	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	MORRISON G K R	R. L. Polk & Co. of California

811 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	SLICK JAMES A	R. L. Polk Co.
1962	Leigh Mattie r	Pacific Telephone
1955	LEIGH MATTIE R	The Pacific Telephone & Telegraph Co.
1950	LEIGH MATTLE R	The Pacific Telephone & Telegraph Co.
	PATTERSON Q P R	The Pacific Telephone & Telegraph Co.
1943	Alexander Lula Mrs beauty opr r	R. L. Polk & Co.
	Blick Jas F Letha lab r	R. L. Polk & Co.
	Hale Walter waiter r	R. L. Polk & Co.
	HOWARD Erma Mrs r	R. L. Polk & Co.
	Matthews Lawrence constrwkr r	R. L. Polk & Co.
	Young Lillian Mrs waiter h	R. L. Polk & Co.
1938	ALEXANDER L J MRS R	Pacific Telephone
1933	ALEXANDER LULU J MRS MANICURIST H	R. L. Polk & Co.
1925	HINDS J W R	R. L. Polk & Co. of California
1920	COOK MRS H R	R. L. Polk & Co. of California

814 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o BONCAICHEmma	Haines Company, Inc.
1991	Falrey Eliot	PACIFIC BELL WHITE PAGES
	Falrey J	PACIFIC BELL WHITE PAGES
	Johnson B K	PACIFIC BELL WHITE PAGES
	Johnson BL	PACIFIC BELL WHITE PAGES
1986	Johnson Glenda	PACIFIC BELL WHITE PAGES
1980	Wright Whit	Pacific Telephone
	Wright Lillie Britton	Pacific Telephone
1970	WRIGHT WHIT	Pacific Telephone Directory
	WRIGHT LILLIE BRITTON	Pacific Telephone Directory
1967	WRIGHT WTTT	R. L. Polk Co.
1962	Joseph Vera Lee Mrs	Pacific Telephone
	Gonzales Virginia Mrs r	Pacific Telephone
1955	GONZALES VIRGINIA MRS R	The Pacific Telephone & Telegraph Co.
	TASBY ALEX	The Pacific Telephone & Telegraph Co.
1945	GONZALES VIRGINIA MRS R	The Pacific Telephone & Telegraph Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Wright Frank barber h	R. L. Polk & Co.
	Gonzales Clarence W Virginia h	R. L. Polk & Co.
	Banks Fred r	R. L. Polk & Co.
1938	GONZALES VIRGINIA MRS R	Pacific Telephone
1933	WRIGHT FRANK BARBER	R. L. Polk & Co.
	WILLIAMS R W H	R. L. Polk & Co.
	GONZALES CLARENCE (VIRGINIA) BARBER H	R. L. Polk & Co.
	BACON JAS L (JUNE) LAB H	R. L. Polk & Co.

815 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	BROWN KENNETH M R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	MECHAM CLINTON R	Pacific Telephone
1925	PAXSON A H R	R. L. Polk & Co. of California

817 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	KING THELMA R	R. L. Polk & Co. of California

819 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	HINDS FLORENCE A R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	HINDS FLORENCE A R	The Pacific Telephone & Telegraph Co.
1945	HINDS FLORENCE A R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	HINDS FLORENCE A R	Pacific Telephone

820 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MANGHAM RUTHIE MAE	The Pacific Telephone & Telegraph Co.
1950	BARNES M I R	The Pacific Telephone & Telegraph Co.
	GRAYES RHETA B R	The Pacific Telephone & Telegraph Co.
	HEATH EDGAR R	The Pacific Telephone & Telegraph Co.
1945	BURT LIDA R	The Pacific Telephone & Telegraph Co.
1943	Ateman Myrtle waiter r	R. L. Polk & Co.
	Granies Josephine Mrs h	R. L. Polk & Co.
1925	BARTMESS M B R	R. L. Polk & Co. of California
1920	BARTMESS M B R	R. L. Polk & Co. of California

FINDINGS

823 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	GARRISON E F R	R. L. Polk & Co. of California
1920	GARRISON E F R	R. L. Polk & Co. of California

824 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	No Current Listing	Haines Company, Inc.	
1991	Bo Wens J E	PACIFIC BELL WHITE PAGES	
	Bowens P	PACIFIC BELL WHITE PAGES	
1970	MOORE CARL C	Pacific Telephone Directory	
	STANDLEY JAS O	Pacific Telephone Directory	
	HEARD CARRIE	Pacific Telephone Directory	
	DAVIS LANDER	Pacific Telephone Directory	
1967	VAUGHN VIRGIE L MRS	R. L. Polk Co.	
	ALEXANDER IVORY	R. L. Polk Co.	
	ROBINSON WILLIE	R. L. Polk Co.	
1962	Robinson Willie	Pacific Telephone	
1955	JONES RAYMOND	The Pacific Telephone & Telegraph Co.	
	VAUGHN M L R	The Pacific Telephone & Telegraph Co.	
1950	VAUGHN M L R	The Pacific Telephone & Telegraph Co.	
1945	BENDY E L R	The Pacific Telephone & Telegraph Co.	
1943	Bendy Eli lab SPCo r	R. L. Polk & Co.	
	Cook Mary E Mrs h	R. L. Polk & Co.	
	Cotton Steph lab r	R. L. Polk & Co.	
	Dalton Julius r	R. L. Polk & Co.	
	Foster Matthew Ethel lab r	R. L. Polk & Co.	
	Hamilton Henry Willa M r	R. L. Polk & Co.	
	Hunter Eug r	R. L. Polk & Co.	
	Smith Gladys r	R. L. Polk & Co.	
	SMITH Lawrence clk r	R. L. Polk & Co.	
	Thomas Bethel Izora r	R. L. Polk & Co.	
	1933	COOK MARY MRS H	R. L. Polk & Co.
		ENGLISH TALTON (RUTH) COOK H	R. L. Polk & Co.
		LEWIS WM (ELINORE) H	R. L. Polk & Co.
PAYNE SOPHIE MRS R		R. L. Polk & Co.	
	THOMPSON GEO (ELLA) COOK H	R. L. Polk & Co.	
1925	COOK JAMES R	R. L. Polk & Co. of California	
1920	COOK JAMES R	R. L. Polk & Co. of California	

FINDINGS

825 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MORRISON A C R	The Pacific Telephone & Telegraph Co.
1945	MORRISON A C R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	MORRISON A C R	Pacific Telephone

827 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	TREACY P W R	R. L. Polk & Co. of California
1920	TREACY P W R	R. L. Polk & Co. of California

830 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a RODRIGUEZ Rafael	Haines Company, Inc.
1986	Loudermilk Grace	PACIFIC BELL WHITE PAGES
1980	Loudermilk Grace	Pacific Telephone
1975	LOUDERMILK GRACE	Pacific Telephone
1970	LOUDERMILK GRACE	Pacific Telephone Directory
1962	Loudermilk Grace	Pacific Telephone
1955	LOUDERMILK GRACE	The Pacific Telephone & Telegraph Co.
1943	Martin Alice Mrs smstrs h	R. L. Polk & Co.
	Miller Juanita r	R. L. Polk & Co.
1938	COELHO JULIO MRS R	Pacific Telephone
1933	WHITE WALTER F (FRANKIE) H	R. L. Polk & Co.
1928	Cababe Louis Erma police OPD 1h H	R.L. Polk and Co of California

834 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OQUINTEROHNoffna	Haines Company, Inc.
1980	Howard Mary Jo	Pacific Telephone
1975	GEORGE MARY	Pacific Telephone
1967	GEORGE MARY MRS	R. L. Polk Co.
1962	Howard Inez	Pacific Telephone
1955	GEORGE WILLIE R	The Pacific Telephone & Telegraph Co.
1945	VEGA G R	The Pacific Telephone & Telegraph Co.
1943	Stewart Theo C Dolores mech NAS h	R. L. Polk & Co.
1933	ROBINSON WALTER C (LOUISE) WAITER H	R. L. Polk & Co.
	GLOVER CHAS WAITER R	R. L. Polk & Co.

FINDINGS

835 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	BRUDNEY GOODMAN R	The Pacific Telephone & Telegraph Co.

840 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHOYCE Awlce L	Haines Company, Inc.
2000	CHOYCE AURICE L	Pacific Bell
1996	CHOYCE AURICE L	PACIFIC BELL DIRECTORY
1992	CHOYCE AURICE L	PACIFIC BELL DIRECTORY
1991	Choyce Aurice L	PACIFIC BELL WHITE PAGES
1986	Choyce Aurice L	PACIFIC BELL WHITE PAGES
1980	Choyce Aurice L	Pacific Telephone
1975	CHOYCE AURICE L	Pacific Telephone
1970	CHOYCE AURICE L	Pacific Telephone Directory
1967	CHOYCE JERRY J	R. L. Polk Co.
1962	Choyce Aurice L	Pacific Telephone
1955	CHOYCE AURICE L R	The Pacific Telephone & Telegraph Co.
1945	IRVINE D C R BERKELEY	The Pacific Telephone & Telegraph Co.
	GRAGEDA MATEO R	The Pacific Telephone & Telegraph Co.
1943	Grajeda Mateo Madeline carmn SP Co h	R. L. Polk & Co.
1938	IRVINE D C R	Pacific Telephone
1928	Ha Hinnahl M m Mrs H	R.L. Polk and Co of California
	La Helen wid Robt H	R.L. Polk and Co of California
	La Vallere Hamilton toetstin enas R	R.L. Polk and Co of California

841 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	BEINHOFF S	Pacific Telephone

842 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1996	WORSHAM RUTHIE M	PACIFIC BELL DIRECTORY
1992	WORSHAM RUTHIE M	PACIFIC BELL DIRECTORY
1991	Worsham Ruthie M	PACIFIC BELL WHITE PAGES
1986	Worsham Ruthie M	PACIFIC BELL WHITE PAGES
1980	Worsham Ruthie M	Pacific Telephone
1970	WORSHAM FRANCES	Pacific Telephone Directory
1967	WORSHAM RUTHIE M MRS	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	KENNEY A J R	The Pacific Telephone & Telegraph Co.
1943	Kenney Mary J Mrs h Kenney Aloysius J Eliz lab r	R. L. Polk & Co. R. L. Polk & Co.
1933	LA VALLIERE HANNAH (WID R R) H LA VALLIERE HAMILTON ENG R KENNEY JOHN L (MARY) H KENNEY ALOYIOUS CLK R	R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.

845 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	HASKINS FRANCIS A MOBERG ROBT N	Pacific Telephone Pacific Telephone

847 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	CALDOW H KENNEDY R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	CALDOW H KENNEDY R	Pacific Telephone

517A PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PERALTA HOUSE OF BEAUTY HOUSE OF BEAUTY PERALTA	The Pacific Telephone & Telegraph Co. The Pacific Telephone & Telegraph Co.

720 1/2 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	EMMIETT RUSSELL EMMIETT RUSSELL	Pacific Telephone Directory Pacific Telephone Directory

723 1/2 PERALTA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	JOHNSON H E	The Pacific Telephone & Telegraph Co.

WIL IOW ST

745 WIL IOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	MORNING STAR CHURCH OF GOD IN CHRIST	Pacific Telephone

FINDINGS

WILLOW

707 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	L & A Delimart	PACIFIC BELL WHITE PAGES

717 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Wolf Record Shop	Pacific Telephone

721 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Smith Heather	PACIFIC BELL WHITE PAGES
	Smith Hattie K	PACIFIC BELL WHITE PAGES
	Smith Heidi L	PACIFIC BELL WHITE PAGES
1980	Smith Jas	Pacific Telephone

725 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Ison Myrtle	Pacific Telephone

729 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Starks Isom	PACIFIC BELL WHITE PAGES
1980	Starks Isom	Pacific Telephone

732 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	West Side Baptist Church	PACIFIC BELL WHITE PAGES
1980	West Side Baptist Church	Pacific Telephone

745 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Morning Star Church Of God In Christ	PACIFIC BELL WHITE PAGES
1980	Morning Star Church Of God In Christ	Pacific Telephone

824 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Drain Betollo	PACIFIC BELL WHITE PAGES
1986	Hempstead Percy J	PACIFIC BELL WHITE PAGES
	Drain Betolla	PACIFIC BELL WHITE PAGES
	Fortner Rutheal	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Cook Annie	Pacific Telephone
	Drain Betolla	Pacific Telephone
	Fortner Rutheal	Pacific Telephone
	Brawner G	Pacific Telephone
	Hempstead Percy J	Pacific Telephone

853 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Daniels Lou Henrietta J	PACIFIC BELL WHITE PAGES
	Daniels Lou Helen	PACIFIC BELL WHITE PAGES
1986	Daniels Louise	PACIFIC BELL WHITE PAGES
	Daniels Lou Henrietta J	PACIFIC BELL WHITE PAGES
	Daniels Lou Helen	PACIFIC BELL WHITE PAGES
1980	Daniels Lou Helen	Pacific Telephone

859 WILLOW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	House Of Essence	PACIFIC BELL WHITE PAGES
1986	House Of Essence	PACIFIC BELL WHITE PAGES
1980	Bagwell Jesse O	Pacific Telephone
	House Of Essence	Pacific Telephone

WILLOW AVE

700 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Sisney Ted R	R. L. Polk & Co.
1951	Sianey Ted	R. L. Polk & Co.
1946	Sisney Ted	R. L. Polk & Co.

701 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	TAYLOR EDW A	R. L. Polk & Co.

702 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Ulibarri Geo M	R. L. Polk & Co.
1951	Jiibarrt G M	R. L. Polk & Co.
1946	Ulibarri G M	R. L. Polk & Co.
1940	Brosterhouse H E	R. L. Polk & Co.

FINDINGS

703 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Zaballos Andrew	R. L. Polk & Co.
1951	Zaballos A L	R. L. Polk & Co.
1946	Zaballos A L	R. L. Polk & Co.
1940	Nichols B H	R. L. Polk & Co.

707 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	ALMOND HAROLD R	R. L. Polk & Co.

708 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	BAPTISTE JOHN	R. L. Polk & Co.

710 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Lyon Ansel	R. L. Polk & Co.
1951	Karle F E	R. L. Polk & Co.
1946	Karle F E	R. L. Polk & Co.
1940	Karle F E	R. L. Polk & Co.

711 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Vacant	R. L. Polk & Co.
1946	Mc Elroy H A	R. L. Polk & Co.

714 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	DENNING DELBERT B	R. L. Polk & Co.
1955	Cantua Steve D	R. L. Polk & Co.
1951	Cantua S D R9	R. L. Polk & Co.
1946	Cantua S D	R. L. Polk & Co.

715 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	MALTESTER JACK D	R. L. Polk & Co.
1955	Hershey Leonard	R. L. Polk & Co.

719 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Ingram Chas E	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Ingram C E	R. L. Polk & Co.
1946	Vacant	R. L. Polk & Co.
1940	Henrie A Y	R. L. Polk & Co.

720 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Bowen Grady H	R. L. Polk & Co.
1951	Wood K EMrs	R. L. Polk & Co.

722 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	COSTA MANUEL	R. L. Polk & Co.

723 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	PETERSON EDW C	R. L. Polk & Co.

726 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Faria Seraphin F	R. L. Polk & Co.
1951	Ramirez Mar	R. L. Polk & Co.
	Ramirez Guada	R. L. Polk & Co.
	Faria S F	R. L. Polk & Co.
	garito	R. L. Polk & Co.

727 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	ESTER FRANK R	R. L. Polk & Co.

729 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Funath John E	R. L. Polk & Co.
1946	Wilfong W D	R. L. Polk & Co.
	Taylor Leona	R. L. Polk & Co.
	ODowd E D	R. L. Polk & Co.
	Chandler H D	R. L. Polk & Co.
1940	Munoz Nicholas	R. L. Polk & Co.

730 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	SNEDDEN THOS W	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Whipple Wendle	R. L. Polk & Co.
1951	Allen A E Jr	R. L. Polk & Co.

739 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Barros Jos J	R. L. Polk & Co.
1951	Barros J J	R. L. Polk & Co.
1946	Barros Jos	R. L. Polk & Co.
1940	Hassell J O	R. L. Polk & Co.

745 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Costa Jos M	R. L. Polk & Co.
1946	Costa J M	R. L. Polk & Co.
1940	Costa J M	R. L. Polk & Co.

750 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Kane Wm A	R. L. Polk & Co.
1946	Freels W B	R. L. Polk & Co.

751 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Britto Jos jr	R. L. Polk & Co.
1951	Sousa J	R. L. Polk & Co.
	Espnola 3 W	R. L. Polk & Co.

770 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Lawson Donald	R. L. Polk & Co.
1951	Lawson Donald	R. L. Polk & Co.
1946	Van Kane Jos	R. L. Polk & Co.
1940	Freels W B	R. L. Polk & Co.

776 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	CRCHUM JOHN B	R. L. Polk & Co.

FINDINGS

779 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	MAMNONE FRANK A SIMALL A MIQHTY MULONARY	R. L. Polk & Co.
1955	Shinoda Robt I	R. L. Polk & Co.
1951	Shhinoda R I	R. L. Polk & Co.

783 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Hancock Francis W	R. L. Polk & Co.
1951	Hancock F W	R. L. Polk & Co.
	Hancock P T	R. L. Polk & Co.

784 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Mello Manuel	R. L. Polk & Co.
1951	Tubbs H E	R. L. Polk & Co.
1946	Evans S E Mrs	R. L. Polk & Co.
1940	Evans Sally Mrs	R. L. Polk & Co.

786 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	SALBACH LLOYD F	R. L. Polk & Co.

787 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	RUSSELL THOS R	R. L. Polk & Co.
1955	Oakland Aquarium Supplies	R. L. Polk & Co.
	Stump Wm J	R. L. Polk & Co.
1951	Stump W J	R. L. Polk & Co.
	Oakland	R. L. Polk & Co.
	Aquarium Sup	R. L. Polk & Co.
1946	Mc Cune W D	R. L. Polk & Co.
	Goodwin W J	R. L. Polk & Co.
1940	Mc Cune W D	R. L. Polk & Co.

790 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	QUILLEN BEULAH L MRS	R. L. Polk & Co.

FINDINGS

802 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	SUDERMAN BERYL D	R. L. Polk & Co.

807 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	CASTRO MICHL	R. L. Polk & Co.

808 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Cabral Mary Mrs	R. L. Polk & Co.
1951	Drannan Jas	R. L. Polk & Co.
1946	Drannan Jas	R. L. Polk & Co.
1940	Van Lare L R	R. L. Polk & Co.

810 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Cabral Manuel J jr	R. L. Polk & Co.
	Tellis Manuel	R. L. Polk & Co.

812 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	MEI ER ERNEST T S	R. L. Polk & Co.

814 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Sandberg Carl A	R. L. Polk & Co.
1951	Sandberg C A	R. L. Polk & Co.
1946	Sandberg C A bldg contr	R. L. Polk & Co.
1940	Sandberg C A	R. L. Polk & Co.

818 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	FARINHA PHIL	Pacific Telephone

821 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	TANOGCh	R. L. Polk & Co.

824 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	PONTIOUS ESTHER MRS	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Vacant	R. L. Polk & Co.
1951	Rodrigues Peter	R. L. Polk & Co.
	Wimlams E A	R. L. Polk & Co.
1946	Williams E A	R. L. Polk & Co.
1940	Williams Wm	R. L. Polk & Co.
	Williams Earl	R. L. Polk & Co.

827 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Korgan Geo F	R. L. Polk & Co.

830 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Winnie Otto R	R. L. Polk & Co.
1951	Winnie O BR	R. L. Polk & Co.
1946	Winnie O R	R. L. Polk & Co.

832 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Burgdorf John	R. L. Polk & Co.

834 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Culbertson Earl	R. L. Polk & Co.
1951	Warntjes L M	R. L. Polk & Co.
1946	Warntjes J H	R. L. Polk & Co.
1940	Hanson A F	R. L. Polk & Co.

836 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Cunningham John R	R. L. Polk & Co.
1951	Bryant D L Mrs	R. L. Polk & Co.
1946	Burge P W	R. L. Polk & Co.
1940	Hanshaw Chas	R. L. Polk & Co.

839 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Nelson Harry H	R. L. Polk & Co.
1951	Nelson H H	R. L. Polk & Co.

FINDINGS

843 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Andrade Antonio C	R. L. Polk & Co.
1951	Andrade Tony	R. L. Polk & Co.
1946	Cook C B	R. L. Polk & Co.
1940	Cook C B	R. L. Polk & Co.

844 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	NELSON AGNES M MRS	R. L. Polk & Co.

845 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	YAMASHAITA HIDEO J NURSERYMN	R. L. Polk & Co.

847 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	YAMASHAITA MATSUZO	R. L. Polk & Co.

851 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Silva Howard E	R. L. Polk & Co.

853 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Montero Manuel G	R. L. Polk & Co.

855 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Lipps Virginia F Mrs	R. L. Polk & Co.

857 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Canto Victor	R. L. Polk & Co.

859 WILLOW AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	Wynacht Harlan K	R. L. Polk & Co.
1951	Ornellas L D	R. L. Polk & Co.
1946	Palmer E W	R. L. Polk & Co.
1940	Murphy E M	R. L. Polk & Co.

FINDINGS

WILLOW CT

724 WILLOW CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	HERSEY JACOB R	The Pacific Telephone & Telegraph Co.

853 WILLOW CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	DANIELS LOU HELEN	Pacific Telephone

859 WILLOW CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	ANN S BEAUTY SHOP	The Pacific Telephone & Telegraph Co.

Willow St

700 Willow St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SLIM JENKINS COURT INC	EDR Digital Archive
	HUB GENERAL CONTG & RMDLG	EDR Digital Archive
	G FASHIONS	EDR Digital Archive
	TOLEE DEZIGNS	EDR Digital Archive
	SLIM JENKINS COURT INC	EDR Digital Archive
2010	HUB GENERAL CONTG & RMDLG	EDR Digital Archive
	G FASHIONS	EDR Digital Archive
	TOLEE DEZIGNS	EDR Digital Archive
	TOLEE DESIGNS	EDR Digital Archive
	A BEAUTIFUL BEGINNING DAYCARE	EDR Digital Archive
	G FASHIONS	EDR Digital Archive
	HUB GENERAL CONTG & RMDLG	EDR Digital Archive
	SLIM JENKINS COURT INC	EDR Digital Archive
	FORTUNE COOKIE	EDR Digital Archive
	FUNWAY INVESTMENTS LLC	EDR Digital Archive
	TOLEE DEZIGNS	EDR Digital Archive
	TOLEE DESIGNS	EDR Digital Archive
	A BEAUTIFUL BEGINNING DAYCARE	EDR Digital Archive
	G FASHIONS	EDR Digital Archive
	HUB GENERAL CONTG & RMDLG	EDR Digital Archive
SLIM JENKINS COURT INC	EDR Digital Archive	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	FORTUNE COOKIE	EDR Digital Archive
	FUNWAY INVESTMENTS LLC	EDR Digital Archive

WILLOW ST

700 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WILLIAMS Leilah	Haines Company, Inc.
	6 APARTMENTS	Haines Company, Inc.
	BALDWIN Ladd	Haines Company, Inc.
	BROWN Cellne	Haines Company, Inc.
	BURSEYSherry	Haines Company, Inc.
	WILLIAMS Gwendolyn	Haines Company, Inc.
	STEEL Akilah	Haines Company, Inc.
	COURT	Haines Company, Inc.
	SLIM JENKINS	Haines Company, Inc.
	PIERCE Gloria	Haines Company, Inc.
	GREEN Shawna	Haines Company, Inc.
	GORDON Margaret	Haines Company, Inc.
	CHATMAN AJsha	Haines Company, Inc.
2000	15 GORDON MARGARET	Pacific Bell
	23 WASHINGTON TARNISHA	Pacific Bell
	26 THE ENTERPRISE ZONE INC	Pacific Bell
	SLIM JENKINS COURT	Pacific Bell
	C SUMMER	Pacific Bell
	CANTON CITY RESTAURANT	Pacific Bell
	BROWN K	Pacific Bell
	1 MESHACK DARYL	Pacific Bell
	9 BLACKBURN JOY	Pacific Bell
1996	SLIM JENKINS COURT	PACIFIC BELL DIRECTORY
	CANTON CITY RESTAURANT	PACIFIC BELL DIRECTORY
	1 MESHACK DARYL	PACIFIC BELL DIRECTORY
	15 GORDON MARGARET	PACIFIC BELL DIRECTORY
	23 HAYES L	PACIFIC BELL DIRECTORY
1992	31 CARTER STANLEY	PACIFIC BELL DIRECTORY
	SLIM JENKINS COURT	PACIFIC BELL DIRECTORY
	21 CECIL HAROLD	PACIFIC BELL DIRECTORY

FINDINGS

701 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	CONTINENTAL CAN CO INC	R. L. Polk & Co.

Willow St

707 Willow St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	STATE MKT LIQUORI 2	EDR Digital Archive
	STATE MKT LIQUORI 2	EDR Digital Archive
2010	STATE MKT LIQUORI 2	EDR Digital Archive
	STATE MKT LIQUORI 2	EDR Digital Archive

WILLOW ST

707 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	L & A DELIMART	PACIFIC BELL DIRECTORY

708 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	MODEL SOCIAL CLUB	R. L. Polk & Co. of California

715 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	BROOKS LILLIE IMPROVER BEAUTY SHOP	The Pacific Telephone & Telegraph Co.
	IMPROVER BEAUTY SHOP	The Pacific Telephone & Telegraph Co.
1943	Mathews Lillie Mrs beauty shop	R. L. Polk & Co.

717 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	REYES Atanacia	Haines Company, Inc.
1967	A CARPENTER CHARLES	R. L. Polk Co.
	VACANT	R. L. Polk Co.
1962	Mitchell Bessie	Pacific Telephone
	Bonner Katie	Pacific Telephone
	Bonner Crosby Lee	Pacific Telephone
1943	WALDEN Miller shipydwkr r	R. L. Polk & Co.
	Plummer Frank Kath shipydwkr h	R. L. Polk & Co.
	Guins Pleste cnrywkr r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Guins Oscar Mildred whsmn r	R. L. Polk & Co.
	Guins Joel Lillie B shipydwkr r	R. L. Polk & Co.
	Fite Wm Waver shipydwkr r	R. L. Polk & Co.
	Fite Jas shipydwkr h	R. L. Polk & Co.
	EDWARDS Silas jan r	R. L. Polk & Co.
	Barnett Fred shipydwkr r	R. L. Polk & Co.
	Martin Esther Mrs waiter r	R. L. Polk & Co.
1933	PLUMMER FRANK (KATH) CHAUF H	R. L. Polk & Co.

720 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	0 WENS LONNIE H	R. L. Polk Co.
	CONDO LOUIS	R. L. Polk Co.
1962	Mc Can Lutiny	Pacific Telephone
	Owens L H	Pacific Telephone
1950	SQUIRE MATT R	The Pacific Telephone & Telegraph Co.
1943	Jeffrey John jr Lula coachclnr SP Co h	R. L. Polk & Co.
	Hines Leslie shipydwkr r	R. L. Polk & Co.
1933	YAMAUCHI HIROSHI GRO	R. L. Polk & Co.
	YAMAUCHI KINO MRS CLO CLNR	R. L. Polk & Co.
1920	COOK MRS S R	R. L. Polk & Co. of California

721 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FLOYD Roland	Haines Company, Inc.
1967	WALKER BUSTER	R. L. Polk Co.
1950	SILKET QUINTON R	The Pacific Telephone & Telegraph Co.
1943	VAUGHN Hattie Mrs h	R. L. Polk & Co.
1933	PINEDO JOHN (CARMEN) TRUCKER SPCO H	R. L. Polk & Co.

723 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	JACKSON WILL GL	R. L. Polk Co.
1962	Jackson Will	Pacific Telephone
1943	Zamora Jos Mary wtchmn SPCo h	R. L. Polk & Co.

724 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	A JENKINS JOHN	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	JOHNSON WALTER	R. L. Polk Co.
1943	Bovitas Gust Christina shipydwkr h	R. L. Polk & Co.
1938	MOUSALIMAS SUSIE MRS R	Pacific Telephone
1933	MOUSALIMAS THOS WAITER R	R. L. Polk & Co.
	MOUSALIMAS SAML (PIRACTE) COOK H	R. L. Polk & Co.
1920	FORD MRS M J R	R. L. Polk & Co. of California

725 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FLOYD Roland	Haines Company, Inc.
1967	ISON HARRY R	R. L. Polk Co.
1962	Ison Myrtle	Pacific Telephone
1943	Ison Harry Pearl wtchmn h	R. L. Polk & Co.
	CLARK Lee Mrs r	R. L. Polk & Co.
1933	LALANTONIS EMANUEL J (MARIE) (LALANTONIS BROS) H	R. L. Polk & Co.
	OLIVARES ANGELO (MARY) MUSICIAN H	R. L. Polk & Co.
	OLIVARES WM BAKERS HLPR R	R. L. Polk & Co.
	JAMES A MILLMN R	R. L. Polk & Co.

728 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	LOVETT DAVID R	The Pacific Telephone & Telegraph Co.
	MIXON JOS R	The Pacific Telephone & Telegraph Co.
1943	Ymson Romaine Mary barber h	R. L. Polk & Co.
1933	YMSON ROMAN (MADGE) BARBER H	R. L. Polk & Co.
	GABRIEL JOSE A SLSMN R	R. L. Polk & Co.

Willow St

729 Willow St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	EDWARD A COSTON CONSTRUCTION	EDR Digital Archive
	EDWARD A COSTON CONSTRUCTION	EDR Digital Archive

FINDINGS

WILLOW ST

729 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o COLEMAN Donald	Haines Company, Inc.
1967	M WILLIAMS JAMES	R. L. Polk Co.
	PUGH BURFORD	R. L. Polk Co.
1962	Satchell Georgmae	Pacific Telephone
	Rowe Fremon	Pacific Telephone
	Gilbert Geo	Pacific Telephone
	Brown Della M	Pacific Telephone
1943	Rodriguez Tony Lillian whsmn r	R. L. Polk & Co.
	Murillo Frank C whsmn r	R. L. Polk & Co.
	Mendez Jennie Mrs clk h	R. L. Polk & Co.
	Matias Flora Mrs h	R. L. Polk & Co.
	MARTINEZ Jessie Mrs r	R. L. Polk & Co.
	Garcia Valentine Josephine whsmn r	R. L. Polk & Co.
	De Soto Peter Effie whsmn r	R. L. Polk & Co.
	Borrego Henry whsmn r	R. L. Polk & Co.
1933	MALLIARIS KOSTOS E (GEORGIA) TAILOR H	R. L. Polk & Co.
	CAREDIS CHRIS M H	R. L. Polk & Co.
	CAREDIS WM R	R. L. Polk & Co.
	CAREDIS BESSIE (WID MICHL) R	R. L. Polk & Co.

Willow St

732 Willow St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WEST SIDE BAPTIST CHURCH	EDR Digital Archive
	WEST SIDE BAPTIST CHURCH	EDR Digital Archive
2010	WEST SIDE BAPTIST CHURCH	EDR Digital Archive
	WEST SIDE BAPTIST CHURCH	EDR Digital Archive

WILLOW ST

732 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WEST SIDE	Haines Company, Inc.
	MISSIONARY BAPT	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WEST SIDE MISSIONARY BAPTIST CHURCH	Pacific Bell
1996	WEST SIDE MISSIONARY BAPTIST CHURCH	PACIFIC BELL DIRECTORY
1992	WEST SIDE BAPTIST CHURCH	PACIFIC BELL DIRECTORY
1967	WESTSIDE MISSION BAPTIST CHURCH	R. L. Polk Co.
1943	JOHNSON Eli r	R. L. Polk & Co.
	Johnson Acie cook h	R. L. Polk & Co.
	Brewer Elmer shoe shiner r	R. L. Polk & Co.
1933	OWENS SAML (MARY) LAB H	R. L. Polk & Co.

734 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Williams Alice Mrs car clnr h	R. L. Polk & Co.
1933	FERRELL WILLIE MRS H	R. L. Polk & Co.

736 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	HENDERSON FLEMER B	R. L. Polk Co.
1962	Henderson Flemer r	Pacific Telephone
1950	HENDERSON FLEMER R	The Pacific Telephone & Telegraph Co.
1943	Hailey Geo Lucile lab h	R. L. Polk & Co.
1933	REED ALBT CARP H	R. L. Polk & Co.

738 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MITCHEL MARGARETTE MRS	R. L. Polk Co.
1962	Mitchell Margaret	Pacific Telephone
	Joseph Ruth	Pacific Telephone

740 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.

744 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	JOSEPH WILL O TW	R. L. Polk Co.
1962	Joseph Will	Pacific Telephone
1950	JOSEPHI WILL R	The Pacific Telephone & Telegraph Co.
1943	Williams Bert shipydwkr r	R. L. Polk & Co.
	Thomas Thos shipydwkr r	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	HUDSON John R Ida shipydwr h	R. L. Polk & Co.
	Hall Emmett shipydwr r	R. L. Polk & Co.
1933	LEWIS EARL (HELEN) CHAUF H	R. L. Polk & Co.

Willow St

745 Willow St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MORNING STAR CH GOD IN CHRST	EDR Digital Archive
	MORNING STAR CH GOD IN CHRST	EDR Digital Archive
2010	MORNING STAR CH GOD IN CHRST	EDR Digital Archive
	MORNING STAR CH GOD IN CHRST	EDR Digital Archive

WILLOW ST

745 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OF GOD CHRIST	Haines Company, Inc.
	MORNING STARCH	Haines Company, Inc.
2000	MORNING STAR CHURCH OF GOD IN CHRIST	Pacific Bell
1996	MORNING STAR CHURCH OF GOD IN CHRIST	PACIFIC BELL DIRECTORY
1992	MORNING STAR CHURCH OF GOD IN CHRIST	PACIFIC BELL DIRECTORY
1967	MORNING STAR CHURCH OF GOD	R. L. Polk Co.
1962	Morning Star Church of God in Christ	Pacific Telephone

746 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MARSHALL 6 S CAFE	R. L. Polk Co.

Willow St

800 Willow St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OAKLAND CITY OF	EDR Digital Archive
	OAKLAND CITY OF	EDR Digital Archive
2010	OAKLAND CITY OF PARKS-RECREATI	EDR Digital Archive
	OAKLAND CITY OF PARKS-RECREATI	EDR Digital Archive

FINDINGS

WILLOW ST

800 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BOYS & GIRLS CLUBS OF OAKLAND	Pacific Bell
1967	CAMPBELL VILLAGE RECREATION CENTER	R. L. Polk Co. R. L. Polk Co.
1962	Campbell Village	Pacific Telephone
1950	HOUSING AUTHORITY OF THE CITY OF OAKLAND	The Pacific Telephone & Telegraph Co.
1943	Campbell Village Project	R. L. Polk & Co.

805 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	ORTEZ MALY R	The Pacific Telephone & Telegraph Co.

812 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	SMITH CARRIE R	Pacific Telephone

815 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DAVIS Vemell	Haines Company, Inc.
1967	BROWN MARTHA M	R. L. Polk Co.
1943	PARKER Henrietta R coach clnr SPCo r Mc Koy Eula Mrs h	R. L. Polk & Co. R. L. Polk & Co.

818 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	KEISER A W R	Pacific Telephone
1933	SIMS HARRY A (MAMIE) H SIMS MELBA E PKR R	R. L. Polk & Co. R. L. Polk & Co.

819 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	PETTY PELTEN	R. L. Polk Co.
1962	Petty Peter	Pacific Telephone
1950	DECOUDREAUX OSCAR R	The Pacific Telephone & Telegraph Co.
1943	WATERS John shipydwkr r Hall Jas Maude P lab h	R. L. Polk & Co. R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	ALEXANDER CHAS H WAITER R	R. L. Polk & Co.
	SMART MARGT D H	R. L. Polk & Co.

821 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FERGUSONC	Haines Company, Inc.
1967	YOUNG LONNIE	R. L. Polk Co.
1950	FOX J C R	The Pacific Telephone & Telegraph Co.
1943	Mc Cathrion Roy Gertrude lab h	R. L. Polk & Co.
1920	RIDGE MRS ALBERTA R	R. L. Polk & Co. of California

824 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HOLLOWAY Marquise	Haines Company, Inc.
	BRONSON Ciara	Haines Company, Inc.
	WILLIAMS Roma T	Haines Company, Inc.
2000	A DRAIN BETOLLA	Pacific Bell
	WELLS ARIE	Pacific Bell
1992	7 DRAIN BETOLLA	PACIFIC BELL DIRECTORY
	C COOK ANNIE	PACIFIC BELL DIRECTORY
1967	E SMITH DONALD R	R. L. Polk Co.
	8240 YOUNG MAGGIE 8 MRS TE	R. L. Polk Co.
	HUNTER BILLIE MRS	R. L. Polk Co.
	A NICHOLS JOHN	R. L. Polk Co.
	C COOK ANNIE	R. L. Polk Co.
1962	Bayless Eva	Pacific Telephone
1943	Esquibel Harry Margery h	R. L. Polk & Co.

853 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Edward	Haines Company, Inc.
	WASHINGTON	Haines Company, Inc.
1996	DANIELS LOU HELEN	PACIFIC BELL DIRECTORY
1992	DANIELS LOU HELEN	PACIFIC BELL DIRECTORY
1967	X TAYLOR SHELIA MRS	R. L. Polk Co.
	A RANDOLPH MILDRED P MRS	R. L. Polk Co.
	TILLMAN LILLIE MRS	R. L. Polk Co.
	WASHINGTON CLIFFORD	R. L. Polk Co.
	BROWN JOANNE MRS	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Washington Patricia	Pacific Telephone
	Washington Clifford	Pacific Telephone
	Tillman Lillie Lewis	Pacific Telephone
	Daniels Lou Helen	Pacific Telephone
1950	HACKETT SOLON R	The Pacific Telephone & Telegraph Co.
1943	Romley Shded T Afefey mgr E A Badran h	R. L. Polk & Co.
1938	ROMLEY S T R	Pacific Telephone
1933	ROMLAY SHADD T (AFEFEY) GRO H	R. L. Polk & Co.
	SHDED ROMLEY GRO	R. L. Polk & Co.

858 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	ELIGA SIDNEY	R. L. Polk Co.
1950	ROSITO FRANK R	The Pacific Telephone & Telegraph Co.
1943	Rosito Frank Grace h	R. L. Polk & Co.
1920	FERRALL MARION R	R. L. Polk & Co. of California

859 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GUErshi	Haines Company, Inc.
1992	BAGWELL JESSE O	PACIFIC BELL DIRECTORY
	HOUSE OF ESSENCE	PACIFIC BELL DIRECTORY
1967	BAGWELL JESSE	R. L. Polk Co.
	BRONZE BEAUTY SALON	R. L. Polk Co.
1962	Bagwell Jesse O	Pacific Telephone
	Bronze Beauty Salon	Pacific Telephone
1943	Romley Geo S Annie clk h	R. L. Polk & Co.

860 WILLOW ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1992	MAK KIM K	PACIFIC BELL DIRECTORY
1967	SMITH DAMOR	R. L. Polk Co.
1962	Scott Ralph Allen	Pacific Telephone
	Jackson Mary Jane	Pacific Telephone
1943	Hawkins Danl L Mamie V shipydwkr h	R. L. Polk & Co.

FINDINGS

WILLOW WAY

715 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	MATHEWS LILLIE IMPROVER BEAUTY SALON	The Pacific Telephone & Telegraph Co.
	IMPROVER BEAUTY SALON	The Pacific Telephone & Telegraph Co.

717 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WOLF RECORD SHOP	Pacific Telephone Directory
1925	MOUSALEMAS A T R	R. L. Polk & Co. of California

720 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WOLF BUY & SELL	Pacific Telephone Directory
1925	FORD MRS S R	R. L. Polk & Co. of California

721 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	PHILLIPS FRANK R	R. L. Polk & Co. of California

723 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	DE SOTO ROBT R	The Pacific Telephone & Telegraph Co.

724 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	JENKINS RUTH	Pacific Telephone Directory
1945	JEFFERY LULU R	The Pacific Telephone & Telegraph Co.
1925	KENNEDY ELLA R	R. L. Polk & Co. of California

725 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	ISON MYRTLE	Pacific Telephone
1970	ISON MYRTLE	Pacific Telephone Directory
1945	ISON H R R	The Pacific Telephone & Telegraph Co.

728 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	ALLEN MRS MADGE R	R. L. Polk & Co. of California

FINDINGS

729 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	SATCHELL GEORGMAE SATCHELL JAS	Pacific Telephone Directory Pacific Telephone Directory
1945	SILVA JENNIE R	The Pacific Telephone & Telegraph Co.

732 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WEST SIDE BAPTIST CHURCH BURKS A B REV	Pacific Telephone Directory Pacific Telephone Directory

736 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HENDERSON LUCILLE	Pacific Telephone
1970	HENDERSON FLEMER	Pacific Telephone Directory
1955	HENDERSON FLEMER R	The Pacific Telephone & Telegraph Co.
1945	BENJAMIN ETHEL M R	The Pacific Telephone & Telegraph Co.

738 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	PAGE ELSIE R	The Pacific Telephone & Telegraph Co.

744 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	JOSEPH OLLIE MARIE	Pacific Telephone
1970	JOSEPH WILL	Pacific Telephone Directory
1945	HUDSON JOHNNIE R	The Pacific Telephone & Telegraph Co.

745 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MORNING STAR CHURCH OF GOD IN CHRIST	Pacific Telephone Directory

800 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	OAKLAND CITY OF	Pacific Telephone Directory
1955	HOUSING AUTHORITY OF THE CITY OF OAKLAND	The Pacific Telephone & Telegraph Co.
1945	HOUSING AUTHORITY OF THE CITY OF OAKLAND	The Pacific Telephone & Telegraph Co.

FINDINGS

818 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	SIMS HARRY R	R. L. Polk & Co. of California

819 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	PETTY PETER	Pacific Telephone Directory

821 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	YOUNG JEWEL	Pacific Telephone Directory
1925	ROBINSON MRS P D R	R. L. Polk & Co. of California

824 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	COOK ANNIE	Pacific Telephone Directory

853 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	RANDOLPH MILDRED PAIGE MRS	Pacific Telephone Directory
	DANIELS LOU HELEN	Pacific Telephone Directory
	MILDOLPH S BEAUTY SHOP	Pacific Telephone Directory
	TILLMAN LILLIE LEWIS	Pacific Telephone Directory
1955	DANIELS LOU HELEN R	The Pacific Telephone & Telegraph Co.
	HACKETT SOLON	The Pacific Telephone & Telegraph Co.
1945	ROMLEY S T R	The Pacific Telephone & Telegraph Co.

859 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HOUSE OF ESSENCE	Pacific Telephone
1970	SHAW S MAGGIE BEAUTY NOOK	Pacific Telephone Directory
	MAGGIE SHAW S BEAUTY NOOK	Pacific Telephone Directory
	BAGWELL JESSE O	Pacific Telephone Directory

824B WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	BROWN ELDER JOHN	Pacific Telephone Directory

824C WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	PICKETT CARZETTA W MRS R	The Pacific Telephone & Telegraph Co.

FINDINGS

824A 1/2 WILLOW WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	NICHOLS JOHN	Pacific Telephone Directory

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1101 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1550 7TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1926, 1920
1551 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1552 7TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925, 1920
1553 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1554 7TH ST	2014, 2010, 2006, 2002, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1933, 1932, 1926, 1925, 1920
1555 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1933, 1932, 1926, 1925, 1920
1556 7TH ST	2014, 2010, 2002, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1920
1557 1/2 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1557 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926
1558 7TH ST	2014, 2010, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1558 7th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1558 7th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1558 E 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
1559 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1600 7th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1600 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1920
1601 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1928, 1926
1602 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1920
1603 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1603 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1604 7TH ST	2014, 2010, 2006, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1604 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1605 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1606 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1928, 1926, 1920
1606 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925, 1920
1606 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
1607 8TH ST	2014, 2010, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1608 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1920
1608 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1920
1608 7th St	2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1608 7th St	2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1608 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1920
1609 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1925, 1920
1609 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1610 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1920
1610 7TH ST	2014, 2010, 2006, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1920
1610 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
1611 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1612 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1612 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925
1612 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926, 1925, 1920
1613 1/2 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1613 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1920
1613 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1926
1614 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1614 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1928, 1926, 1920
1614 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926
1615 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1926

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1627 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926
1628 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1920
1628 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1629 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1629 8TH ST	2014, 2010, 2006, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1920
1629 8th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1629 8th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1630 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1631 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1925, 1920
1631 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1920
1632 7TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925
1632 7th St	2014, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1632 7th St	2014, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1632 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1633 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1633 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1633 8TH ST	2014, 2010, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1634 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926
1634 7TH ST	2014, 2010, 2006, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1634 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
1635 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1635 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1635 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
1636 7TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1636 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1637 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1933, 1932, 1926
1637 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1638 1/2 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
1638 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926, 1925, 1920
1638 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
1638 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1638A 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1639 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1639 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1645 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
1645 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1646 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926, 1920
1647 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1647 8TH ST	2014, 2010, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1647 8th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1647 8th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1648 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1926
1648 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1648 E 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1650 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1650 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1920
1650 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1651 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1926
1651 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1920
1651 8th St	2014, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1651 8th St	2014, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1688 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1689 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1928, 1926, 1925, 1920
1690 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1690 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1932, 1926
1691 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1691 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926
1691 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1920
1692 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1932, 1926
1692 8TH ST	2014, 2010, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1693 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1693 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1928, 1926, 1920
1693 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1694 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1694 8TH ST	2014, 2010, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1695 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925
1695 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1696 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1703 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1704 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1926, 1920
1705 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1705 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1706 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1928, 1926, 1920
1706 8TH ST	2014, 2010, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1707 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1708 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1926, 1925
1708 8TH ST	2014, 2010, 2002, 2000, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1709 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1709 CHASE ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
1709 GOSS ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1709 GOSSER ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1710 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1926, 1920
1710 8TH ST	2014, 2010, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1920
1711 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1711 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1711 GOSS ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1920
1711 GOSSER ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1712 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1712 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1928, 1926, 1920
1712 CHASE ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1713 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1713 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1713 CHASE ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1713 GOSS ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1713 GOSSER ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1714 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1928, 1926, 1920
1715 5TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1715 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1920
1715 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1715 GOSS ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1715 GOSSER ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1716 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1926

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1716 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926
1717 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925
1717 8TH ST	2014, 2010, 2002, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926
1717 CHASE ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1718 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926
1718 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925
1719 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926
1719 GOSS ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1720 7TH ST	2014, 2010, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925
1720 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926
1721 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1920
1721 GOSS ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
1721 GOSSER ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1722 7TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925
1722 8TH ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1723 8TH ST	2014, 2010, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926
1724 7TH ST	2014, 2010, 2002, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
1724 7th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1724 7th St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1725 8TH ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
1725 GOSS ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1920
1725 GOSSER ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1726 7TH ST	2014, 2010, 2006, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926
1727 GOSS ST	2014, 2010, 2002, 2000, 1996, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1920
1727 GOSSER ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
392 PERALTA BLVD	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
401 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1928, 1926
405 PERALTA BLVD	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
406 PERALTA	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1945, 1943, 1938, 1933, 1932, 1928, 1926, 1925, 1920
407 PERALTA	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
409 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
410 PERALTA	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
411 PERALTA	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
416 LEWIS ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
416 PERALTA	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1945, 1943, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
707 Willow St	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
708 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1920
708 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
708 WILLOW ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925
709 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1933, 1932, 1928, 1926, 1920
710 CAMPBELL ST	2014, 2010, 2006, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
710 HENRY ST	2014, 2010, 2002, 2000, 1996, 1993, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
710 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
710 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1950, 1945, 1943, 1938, 1933, 1932, 1928, 1926, 1925, 1920
711 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
711 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
712 CAMPBELL	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
712 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
712 CAMPBELL ST	2014, 2010, 2002, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
712 PERALTA	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
712 PERALTA ST	2014, 2010, 2002, 1996, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926
712 Peralta St	2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
712 Peralta St	2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
718 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926
719 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
719 CAMPBELL ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1920
719 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1950, 1945, 1943, 1938, 1933, 1932, 1928, 1926, 1925, 1920
720 1/2 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
720 CAMPBELL ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
720 PERALTA ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925
720 Peralta St	2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
720 Peralta St	2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
720 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
720 WILLOW ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925
720 WILLOW WAY	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
721 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1933, 1932, 1926
721 WILLOW	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
721 WILLOW ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
721 WILLOW WAY	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
722 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
725 WILLOW ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
725 WILLOW WAY	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
726 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
727 CAMPBELL ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
727 PERALTA CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
727 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1928, 1926, 1920
727 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
728 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
728 CAMPBELL ST	2014, 2010, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926
728 PERALTA ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1920
728 WILLOW ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
728 WILLOW WAY	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
729 CAMPBELL	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
729 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
729 CAMPBELL ST	2014, 2010, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1933, 1932, 1926, 1925, 1920
729 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
729 WILLOW	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
732 WILLOW WAY	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
734 CAMPBELL	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
734 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
734 CAMPBELL ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1920
734 PERALTA CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
734 PERALTA ST	2014, 2010, 2002, 1996, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925
734 WILLOW ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
735 PERALTA ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
736 WILLOW ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
736 WILLOW WAY	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
738 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
738 CAMPBELL ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
738 WILLOW ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
738 WILLOW WAY	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
739 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
739 CAMPBELL ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1920
739 WILLOW AVE	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1950, 1945, 1943, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
876 CAMPBELL VILLAGE CT	2014, 2010, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
877 CAMPBELL	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
877 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
877 CAMPBELL ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1926, 1920
877 CAMPBELL VILLAGE CT	2014, 2010, 2002, 2000, 1996, 1993, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
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879 CAMPBELL ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1926
879 CAMPBELL VILLAGE CT	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
882 CAMPBELL CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
882 CAMPBELL ST	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
882 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
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883 CAMPBELL ST	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
883 CAMPBELL VILLAGE CT	2014, 2010, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
883 Campbell Village Ct	2014, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
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914 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
915 CAMPBELL VILLAGE CT	2014, 2010, 2002, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
916 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
917 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
928 CAMPBELL VILLAGE CT	2014, 2010, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
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934 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
935 CAMPBELL VILLAGE CT	2014, 2010, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
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940 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
941 CAMPBELL VILLAGE CT	2014, 2010, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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943 CAMPBELL VILLAGE CT

944 CAMPBELL VILLAGE CT

Address Not Identified in Research Source

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TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

715 Campbell

Address Not Identified in Research Source

2014, 2010, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926

APPENDIX H
SANBORN MAPS

1650-1676 7th Street & 711-715 Campbell

715 Campbell

Oakland, CA 94607

Inquiry Number: 5512081.3

December 14, 2018

Certified Sanborn® Map Report



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12/14/18

Site Name:

1650-1676 7th Street & 711-71
715 Campbell
Oakland, CA 94607
EDR Inquiry # 5512081.3

Client Name:

SCA Environmental
650 Delancey Street
San Francisco, CA 94107
Contact: Christina Codemo



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Certification # 10C7-425C-B3D1
PO # F12881
Project F12881

Maps Provided:

1970	1902
1967	1889
1961	
1958	
1957	
1952	
1951	
1912	



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Sanborn Sheet Key

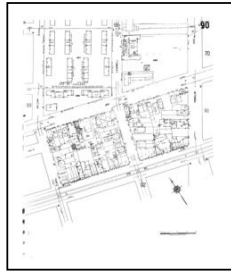
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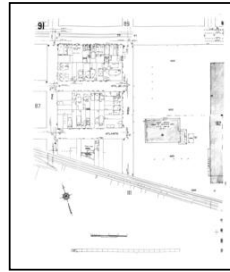
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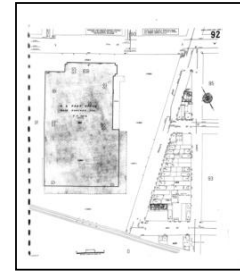
Volume 1, Sheet 89
1970



Volume 1, Sheet 90
1970



Volume 1, Sheet 91
1970



Volume 1, Sheet 92
1970

1967 Source Sheets



Volume 1, Sheet 89
1967



Volume 1, Sheet 90
1967



Volume 1, Sheet 92
1967

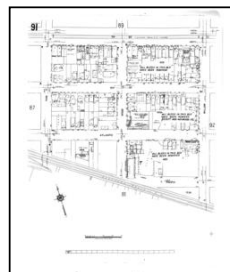
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Volume 1, Sheet 89
1961



Volume 1, Sheet 90
1961



Volume 1, Sheet 91
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Volume 1, Sheet 92
1961

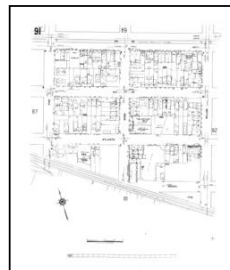
1958 Source Sheets



Volume 1, Sheet 89
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Volume 1, Sheet 90
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Volume 1, Sheet 91
1958



Volume 1, Sheet 92
1958

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1957 Source Sheets



Volume 1, Sheet 89
1957



Volume 1, Sheet 90
1957



Volume 1, Sheet 92
1957

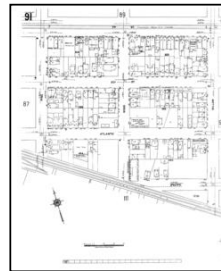
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Volume 1, Sheet 89
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Volume 1, Sheet 90
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Volume 1, Sheet 91
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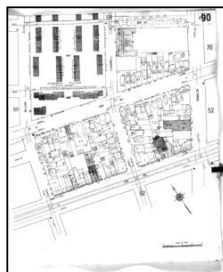


Volume 1, Sheet 92
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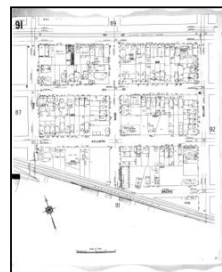
1951 Source Sheets



Volume 1, Sheet 89
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Volume 1, Sheet 90
1951



Volume 1, Sheet 91
1951



Volume 1, Sheet 92
1951

1912 Source Sheets



Volume 1, Sheet 89
1912



Volume 1, Sheet 90
1912



Volume 1, Sheet 92
1912

Sanborn Sheet Key

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Volume 1, Sheet 110
1902



Volume 1, Sheet 112
1902

1889 Source Sheets



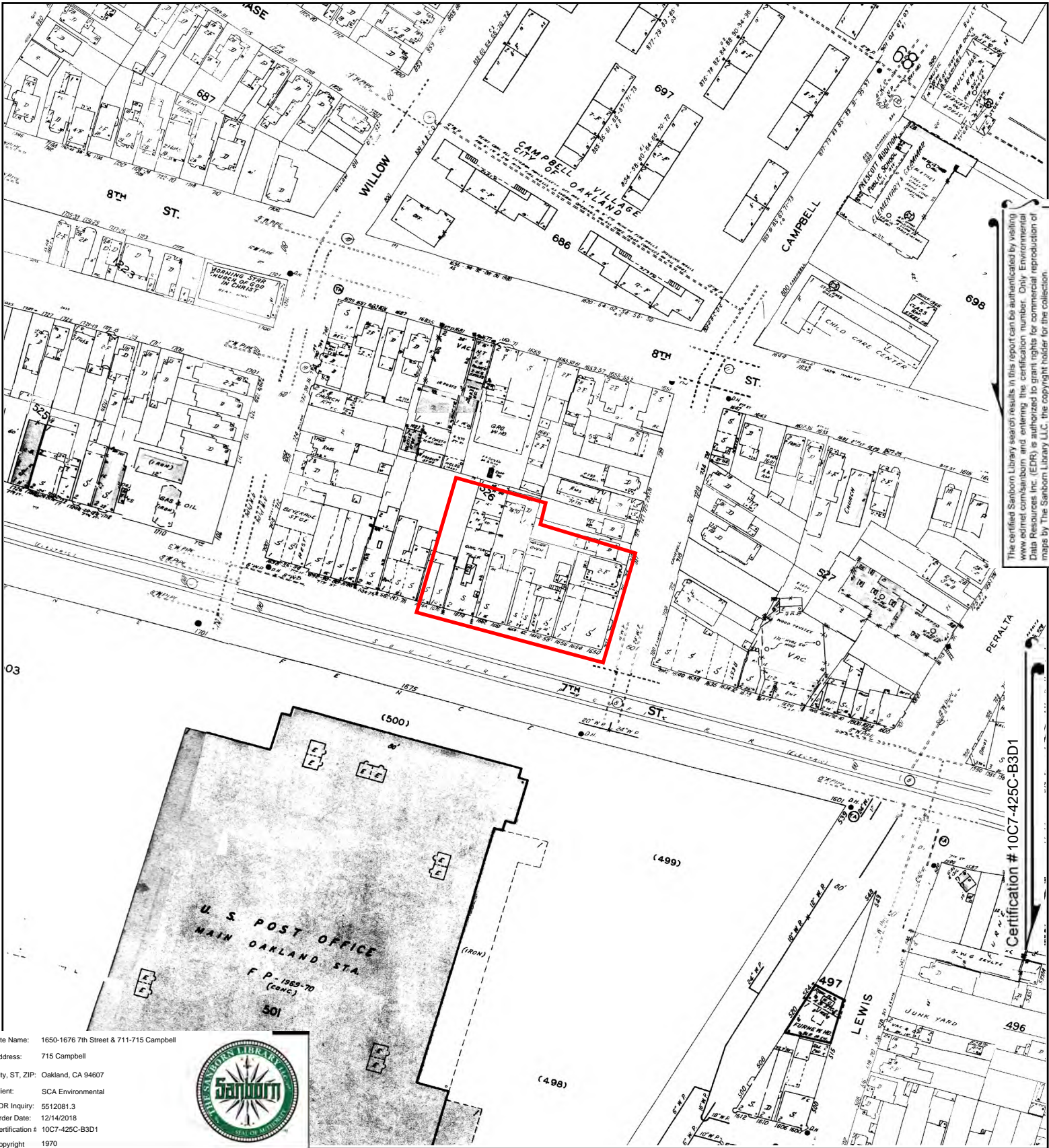
Volume 1, Sheet 25b
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Volume 1, Sheet 25b
1889



Volume 1, Sheet 25e
1889



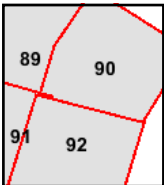
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 EDR Inquiry: 5512081.3
 Order Date: 12/14/2018
 Certification # 10C7-425C-B3D1
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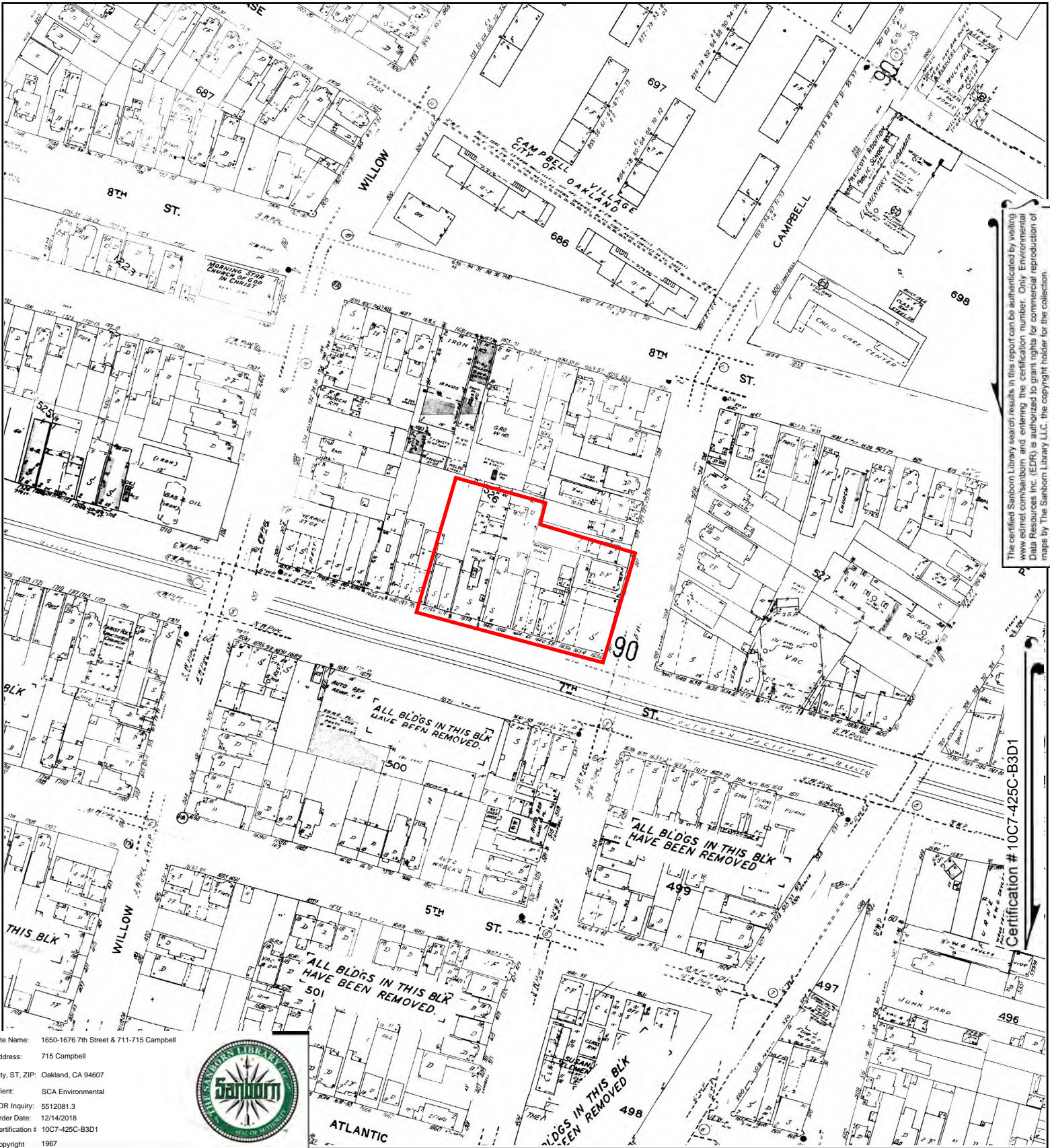


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 Volume 1, Sheet 91
 Volume 1, Sheet 90
 Volume 1, Sheet 89

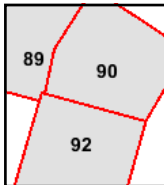
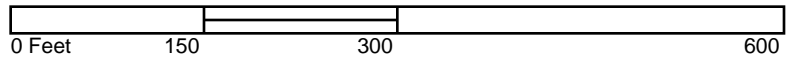




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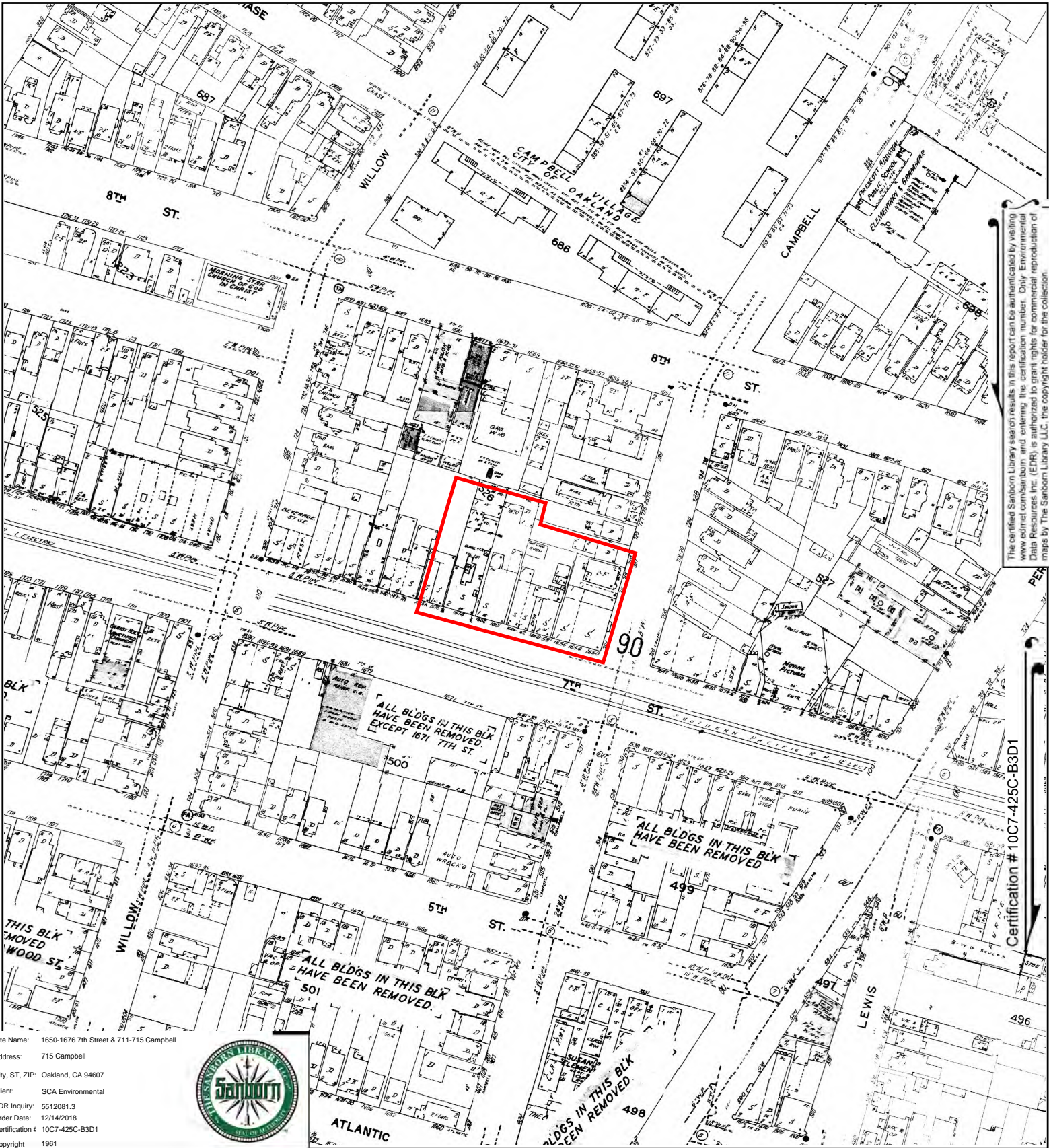


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 Volume 1, Sheet 89

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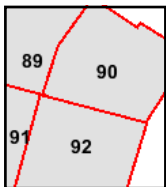
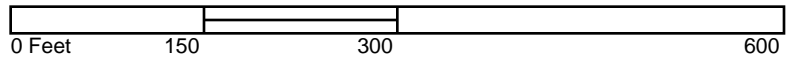
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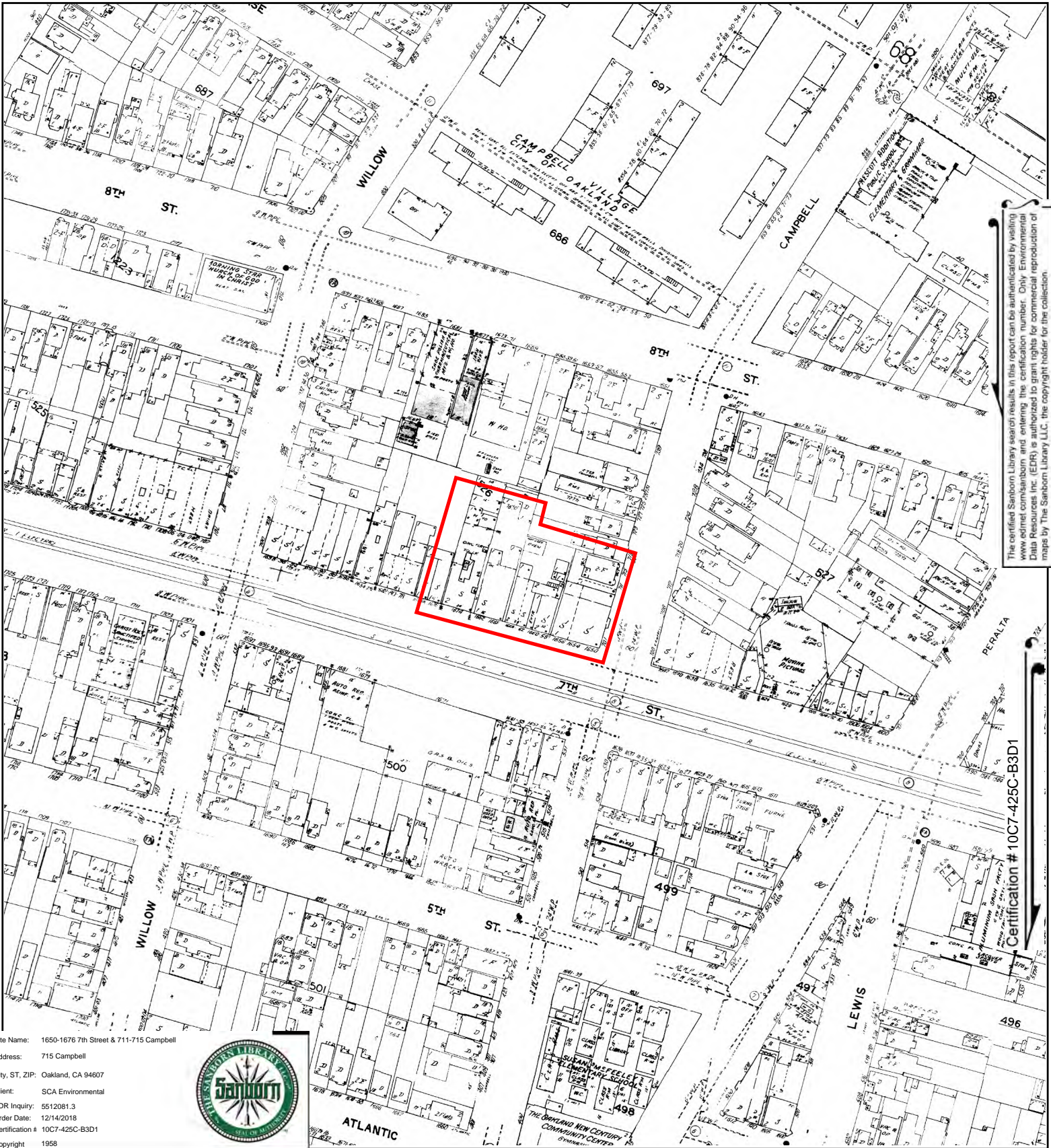


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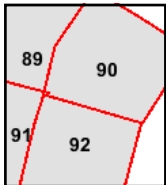
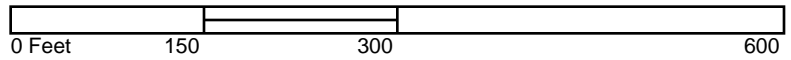




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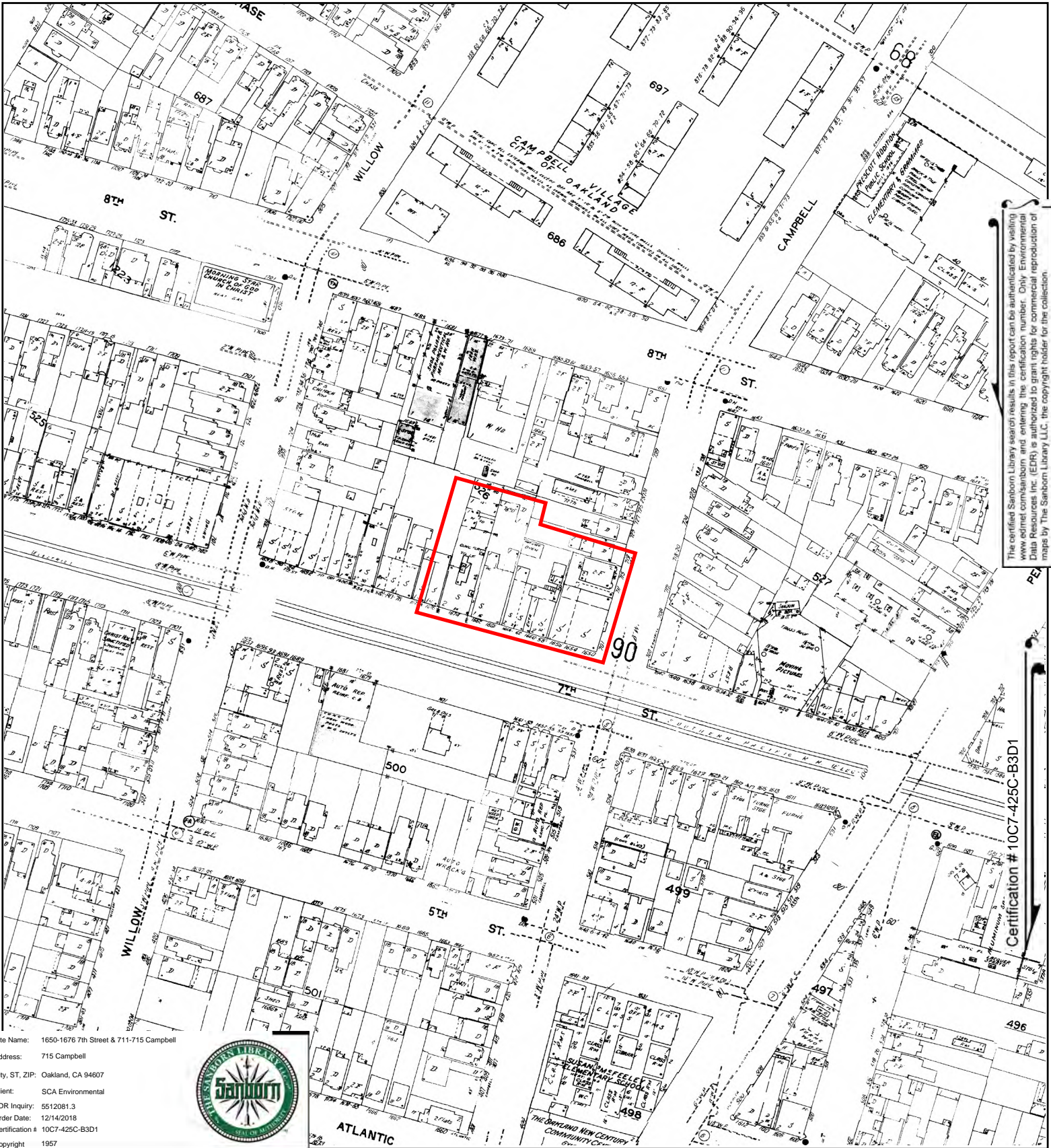


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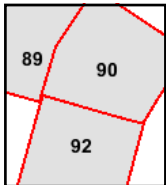
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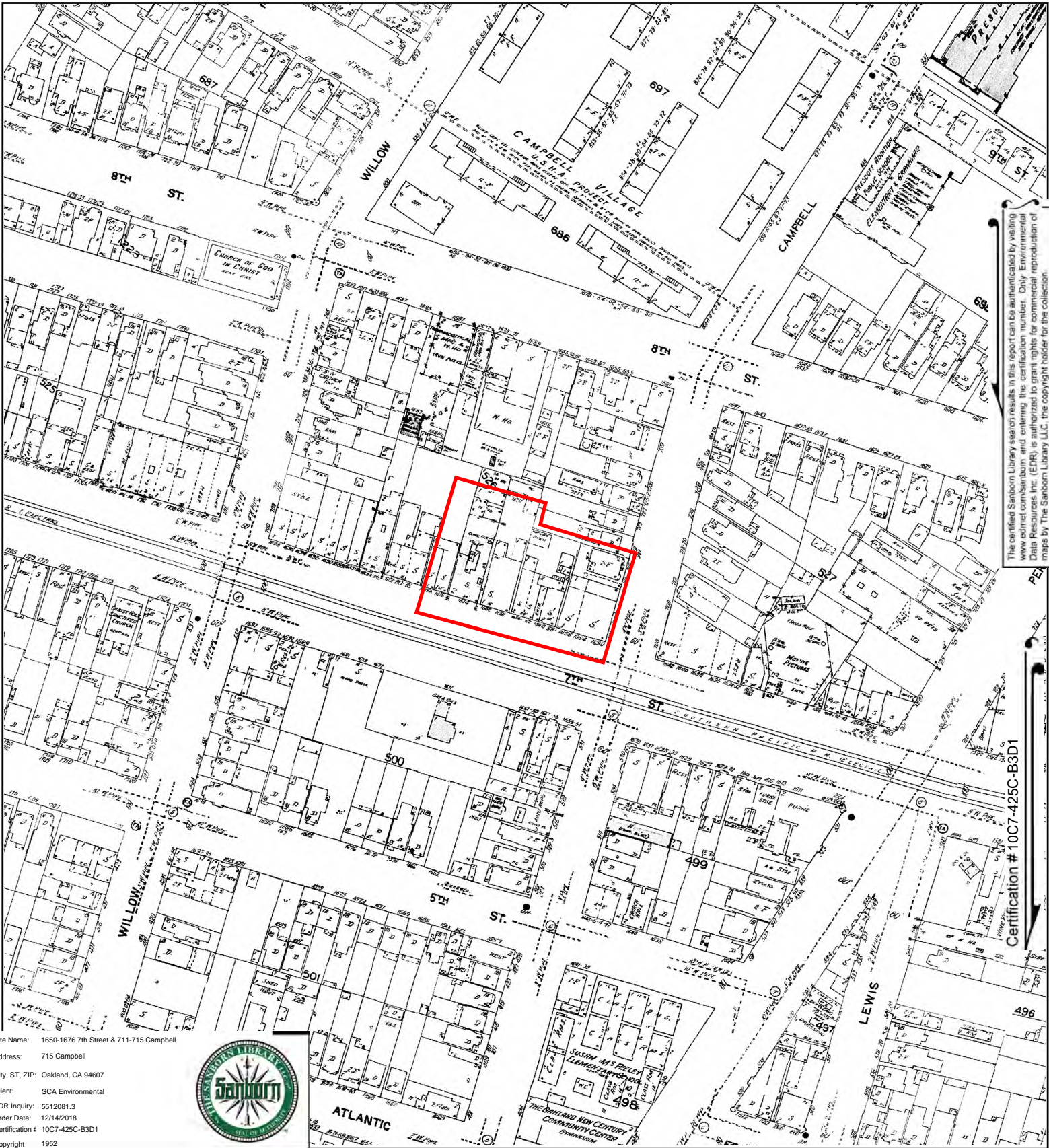
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 Volume 1, Sheet 90
 Volume 1, Sheet 89





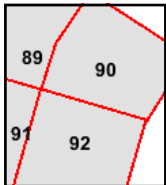
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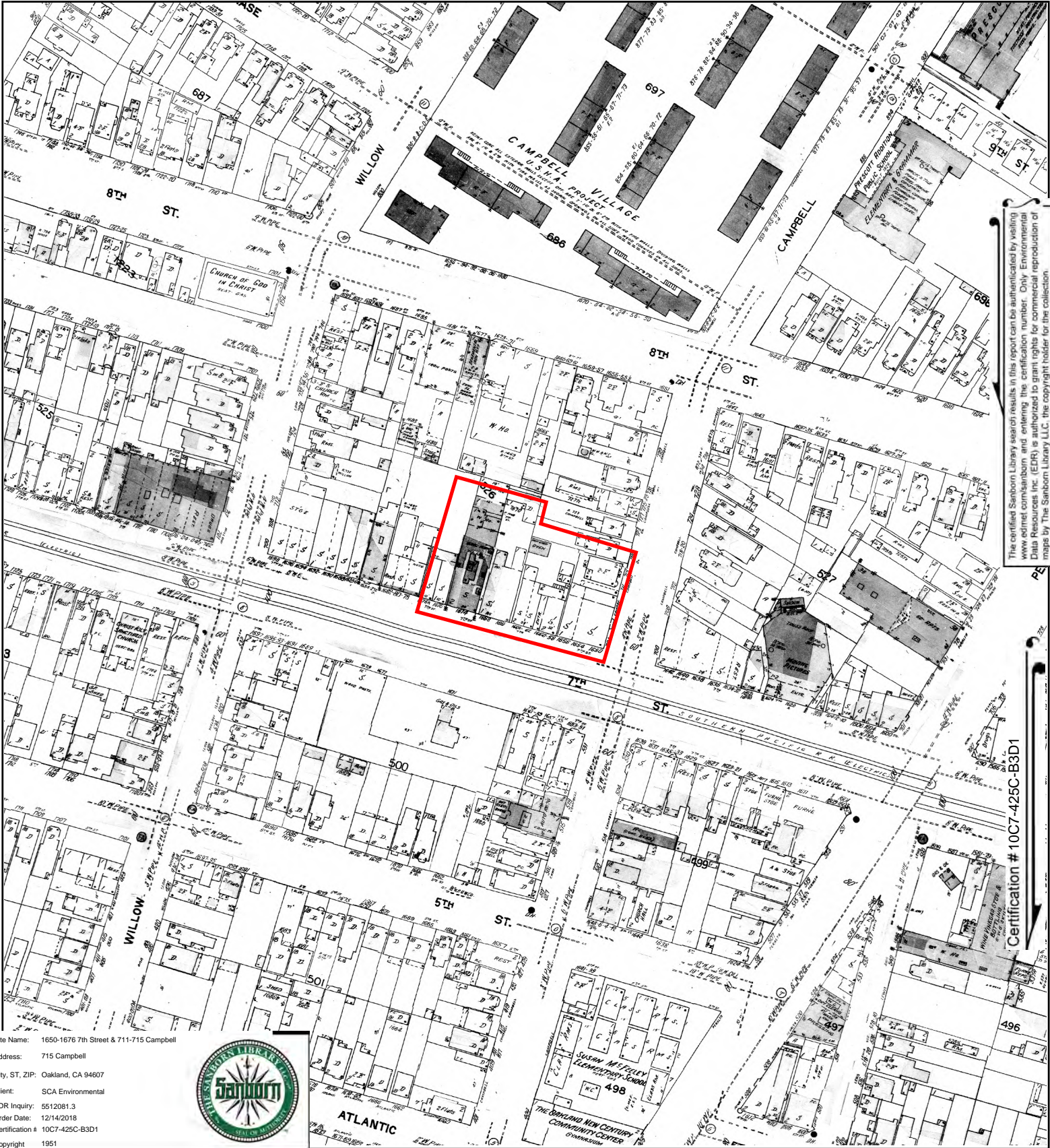


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- Volume 1, Sheet 90
- Volume 1, Sheet 89





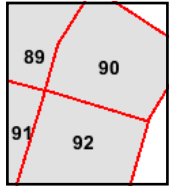
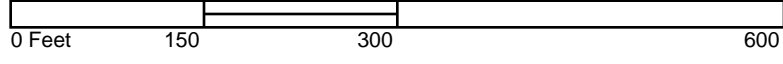
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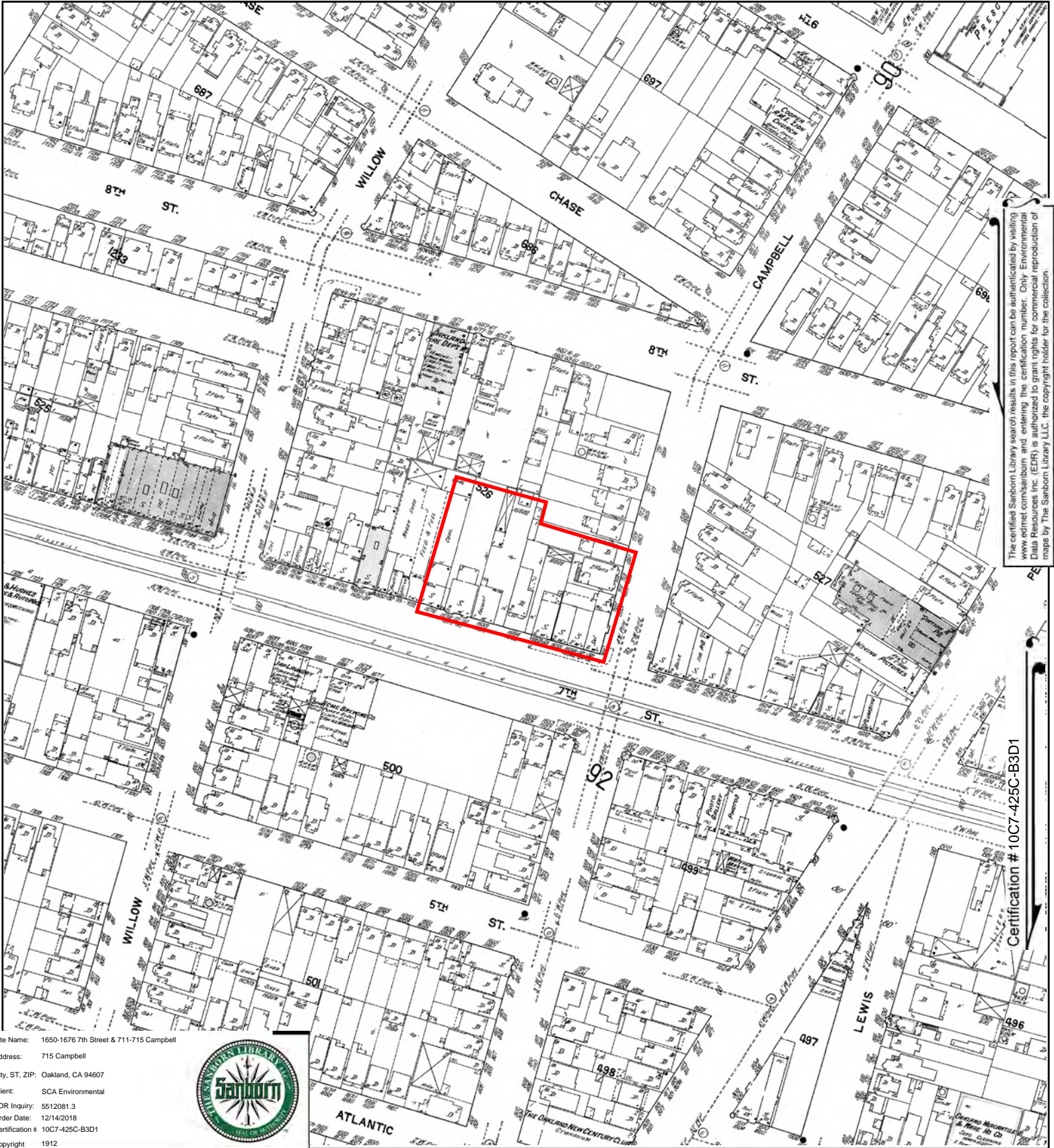


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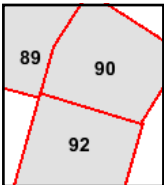
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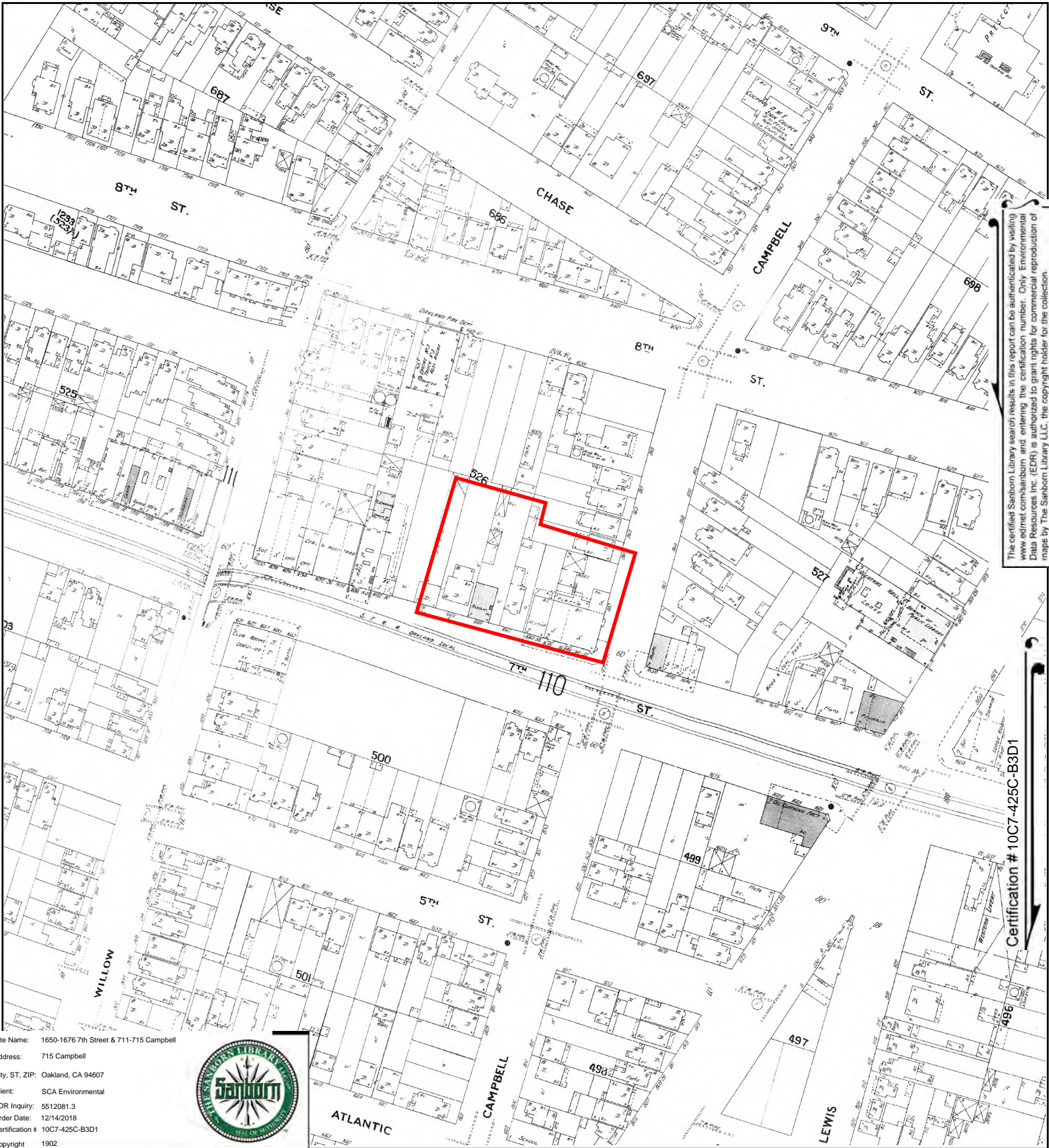


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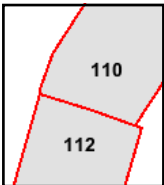
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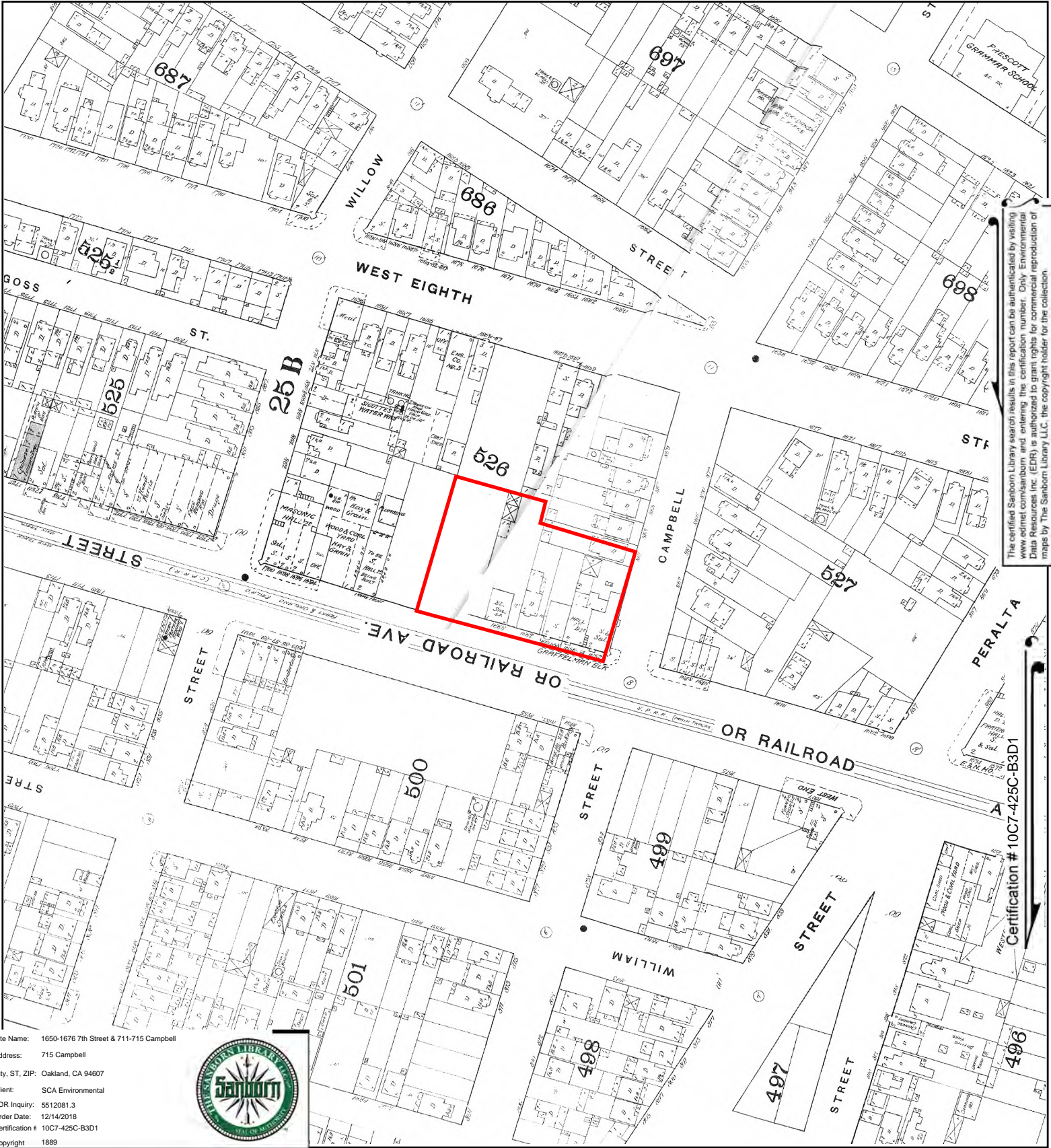


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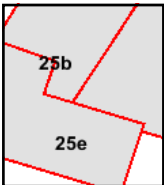
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Appendix E

Langan Engineering and Environmental Services, Inc.

Phase II Environmental Site Assessment - 1666 7th Street, August 24, 2020

PHASE II ENVIRONMENTAL SITE ASSESSMENT
1666 7th Street
Oakland, California

Prepared For:

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18 August 2020
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TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	PROJECT DESCRIPTION	1
3.0	PREVIOUS ENVIRONMENTAL ASSESSMENTS	2
4.0	FIELD INVESTIGATION	2
4.1	Soil Sampling Procedures	3
4.2	Soil Vapor Sampling Procedures	4
4.3	Groundwater Monitoring Well Installation, Development, and Sampling Procedures	5
4.4	Boring Abandonment and Investigation Derived Waste Procedures	6
5.0	SAMPLE SELECTION AND ANALYTICAL TESTING	6
5.1	Soil Testing	6
5.2	Groundwater Testing	7
5.3	Soil Vapor Testing	7
6.0	LITHOLOGY AND SITE CONDITIONS	7
6.1	Surface Conditions	8
6.2	Subsurface Conditions	8
6.3	Groundwater Conditions	9
7.0	LABORATORY TEST RESULTS AND EVALUATION	9
7.1	Soil Analytical Results Non-Metals	10
7.2	Soil Analytical Results Metals	11
7.3	Groundwater Analytical Results	12
7.4	Soil Vapor Analytical Results	12
8.0	ANALYSIS OF FINDINGS	14
9.0	LIMITATIONS	16
	REFERENCES	17
	TABLES	
	FIGURES	
	APPENDICES	

LISTS OF ATTACHMENTS

LIST OF TABLES

- Table 1 Soil Analytical Results – Non-metals
- Table 2 Soil Analytical Results – Metals
- Table 3 Groundwater Analytical Results – Non-metals
- Table 4 Groundwater Analytical Results – Metals
- Table 5 Soil Vapor Analytical Results

LIST OF FIGURES

- Figure 1 Site Location Map
- Figure 2 Site Plan with Environmental Boring Locations
- Figure 3 Site Plan with Current Design
- Figure 4 Site Plan with Soil Concentrations Exceeding Hazardous Waste Thresholds
- Figure 5 Site Plan with Fill Thickness Measurements

LIST OF APPENDICES

- Appendix A Exploratory Boring Logs and Well Construction Details
- Appendix B Certified Analytical Laboratory Reports

PHASE II ENVIRONMENTAL SITE ASSESSMENT
1666 7th Street
Oakland, California

1.0 INTRODUCTION

This Phase II Environmental Site Assessment (ESA) was prepared by Langan Engineering and Environmental Services, Inc. (Langan) on behalf of 7th & Campbell, LP (Client), for the proposed development located at 1666 7th Street in Oakland, California (the site, Figure 1). The site is located in the West Oakland neighborhood of Oakland and is bordered by 7th Street to the south, Campbell Street to the east, one-story residential buildings to the north, and two- to three-story mixed-use apartment buildings to the west of the site. The site is approximately 130 by 220 feet in plan dimensions, and is occupied by the following Alameda County Assessor's Parcel Numbers (APNs): 006-0017-017, 006-0017-018, 006-0017-019, 006-0017-020, 006-0017-021, and 006-0017-022. It is currently occupied by three modular buildings with a concrete pavement slab between the buildings, and the remainder of the site is being used as a community garden/urban farm. The purpose of this Phase II ESA was to evaluate the subsurface conditions and chemical quality of environmental media (soil, soil vapor, and groundwater) beneath the site prior to redevelopment.

2.0 PROJECT DESCRIPTION

Based on the most recent conceptual design (MWA Architects dated 19 June 2020), the proposed development will consist of a five-story at-grade structure (i.e. no basements are currently planned) having a building footprint of approximately 27,300 square feet. The mixed-use building will consist of 79 planned residential units, areas designated for commercial use, and parking planned on the ground floor. We understand that a portion of the proposed building will be offset approximately 15 feet from the northern property boundary to accommodate open space and urban farming. We anticipate that the excavation depths during the proposed development may range between three to eight feet below ground surface (bgs) to accommodate foundation installation, utility trenching, and other subsurface features (i.e. elevator pits, sand interceptors, grease interceptors, car stackers, etc.). It is our understanding that the site is currently owned by the City of Oakland and is proposed for development as low-income affordable housing.

3.0 PREVIOUS ENVIRONMENTAL ASSESSMENTS

Langan has reviewed the following Phase I ESAs previously prepared by others for the site in preparation of this Phase II ESA:

- *Phase I – Preliminary Environmental Site Assessment, Planned Redevelopment Project, 1600 – 1642 7th Street Between Peralta and Campbell Streets, 718 Campbell Street and 631 8th Street, Oakland, California* dated 5 January 1995 prepared by Geotechnical Engineering, Inc.;
- *Phase I Environmental Site Assessment, 1650-1676 7th Street and 711-715 Campbell Street, Oakland, California* dated 23 April 2003 prepared by ACC Environmental Consultants; and
- *Phase I Environmental Site Assessment, 1650-1676 7th Street and 711-715 Campbell Street, Oakland, California 94607* dated January 2019 prepared by SCA Environmental, Inc.

Based on the review of the environmental reports provided, the site has been primarily occupied by mixed-used buildings from 1889 until the 1970's, when the buildings were beginning to be removed. All but one building was removed in the early 2000's, with the last building reportedly removed between 2012 and 2014. Currently, three modular buildings are present in the southern portion of the site, and the remainder of the site consists of undeveloped land used for urban farming. SCA's 2019 Phase I ESA identified several recognized environmental conditions (RECs) in connection with the site, which included the following:

- the presence of various nearby properties adjacent to the site, under regulatory oversight, that have documented subsurface contamination that may affect the environmental conditions beneath the site;
- a former structure at the site was labeled "coal," which could indicate coal was burned and could contribute to subsurface contamination; and
- various neighboring properties within close proximity to the site included historical automobile service stations or dry cleaning facilities. Although no contamination was confirmed at these historical sites, the possibility of contamination cannot be ruled out.

4.0 FIELD INVESTIGATION

Langan performed this Phase II ESA to evaluate the environmental quality of the soil, soil vapor, and groundwater that may be encountered during redevelopment. In addition, soil samples were analyzed for constituents to satisfy waste profiling scenarios generally accepted by landfills, and groundwater and soil vapor samples were analyzed to assess potential vapor intrusion concerns.

On 10 and 11 June 2020, a total of eight exploratory borings (EB-1 through EB-8) were advanced to depths between eight and 15 feet below ground surface (bgs), as shown on Figure 2. Prior to initiating the field activities, Langan marked the site with white paint and notified Underground Service Alert North 811 (USA North) of the proposed subsurface intrusive activities. Langan coordinated with USA North to confirm utility providers operating in the vicinity of the site responded and marked their utilities prior to conducting the field investigation. In addition, Langan hired a private utility locator to confirm locations of underground utilities prior to drilling. Under permit from Alameda County Public Works Agency (ACPWA), Gregg Drilling LLC (Gregg) a C-57 licensed drilling company located in Martinez, California performed the drilling. The soil borings were visually logged by Langan until the terminus of the boring in general accordance with the Unified Soil Classification System (USCS), working under the supervision of a California licensed professional geologist. The locations and depths of the soil borings were selected based on the proposed building footprint to provide lateral and vertical coverage (where accessible), to characterize soil that will most likely be excavated during construction. Boring logs from this investigation are presented in Appendix A as Figures A-1 through A-8. The soil encountered was classified in accordance with the soil classification chart in Figure A-9 (Appendix A).

In addition, two permanent groundwater monitoring wells (MW-1 and MW-2) and four temporary soil vapor probes (SV-1 through SV-4) were installed at the site. The groundwater monitoring well details are presented in Appendix A as Figures A-1 and A-6. The temporary soil vapor probes were installed and sampled on 10 Jun 2020, while groundwater samples were collected from two on-site groundwater monitoring wells MW-1 and MW-2 on 15 June 2020. Additional details pertaining to the subsurface investigation and sampling procedures are described in the sections below.

4.1 Soil Sampling Procedures

Soil samples were collected from each boring using a hydraulically driven direct push drill rig advancing continuous four-foot long Macro-core tooling with an acetate sleeve to approximately eight feet bgs. Discrete soil samples were collected at approximately 1.5, 3.0, and 5.0 feet bgs and visually logged for soil classification. Additional discrete soil samples were collected at approximately 7.0 feet bgs in exploratory borings EB-2 and EB-3 to characterize deeper soil for the proposed elevator pits. Exploratory borings EB-1 and EB-6 were advanced to a depth of 15 feet bgs for the installation of two groundwater monitoring wells (MW-1 and MW-2, respectively). In addition to logging the soil, soil from each borehole was field-screened using a MiniRae 3000 Photoionization Detector (PID) with 10.6eV Lamp capable of measuring down to

at least 0.1 parts per million by volume (ppmv). Between sampling locations, drilling and sampling equipment was decontaminated with a non-phosphate detergent (i.e. Liquinox or equivalent) and potable water. Decontamination fluid was containerized in 55-gallon drums and handled according to Section 4.4 below.

For the collection of each soil sample, an approximately six-inch soil sample length was cut from the acetate liners and ends were covered with Teflon, sealed with plastic end caps, labeled, and stored in an ice-cooled chest for delivery to McCampbell Analytical, Inc. (McCampbell), a California Department of Health Services certified analytical laboratory in Pittsburg, California. All samples were delivered under chain-of-custody procedures. Laboratory analytical reports and chain-of-custody records are included in Appendix B and sampling results are discussed further in Section 7.0.

4.2 Soil Vapor Sampling Procedures

Four temporary soil vapor probes (SV-1, SV-2, SV-3, and SV-4) were installed and samples were collected at a depth of approximately five feet bgs at their respective boring locations (Figure 2). The soil vapor sampling was conducted in general accordance with procedures established by the California Department of Toxic Substances Control (DTSC), which is outlined in the documents titled "*Advisory – Active Soil Gas Investigation*" dated July 2015 and "*Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*" dated October 2011. The soil vapor samples were collected by advancing 1.75-inch diameter steel rods equipped with a retractable sampling tip advanced to approximately five feet bgs using a hydraulically driven direct push drill rig. Disposable 1/4-inch diameter Teflon® tubing was connected from the surface to the sampling tip. A sand filter pack was placed around the sampling tip to facilitate soil vapor collection. Hydrated bentonite chips were placed above the filter pack to the ground surface to seal the annular space.

After waiting at least two hours, three volumes of soil vapor were purged from the temporary probe using a luer-lok™ syringe connected to the Teflon tubing. Helium was used as a tracer gas around the sampling assembly above the borehole during sampling as a quality assurance/quality control (QA/QC) measure to confirm the sample integrity. The soil vapor samples were collected into one-liter laboratory supplied summa canister and sealed before delivery to K Prime, Inc. (K Prime), a California Department of Health Services certified analytical laboratory in Santa Rosa, California. Laboratory analytical reports and chain-of-custody records are included in Appendix B and sampling results are discussed further in Section 7.0.

4.3 Groundwater Monitoring Well Installation, Development, and Sampling Procedures

Prior to groundwater monitoring well installation (and as described above), soil samples were collected continuously using hydraulically driven direct push technology. Upon reaching the terminus depth of the monitoring well/boring (15 feet bgs), the borings (EB-1 and EB-6) were re-drilled using eight-inch hollow-stem augers for the installation of the groundwater monitoring wells (MW-1 and MW-2, respectively). The groundwater monitoring wells were installed using two-inch diameter schedule 40 PVC casing with a 0.010-inch slotted well screen. The screened casing was installed from 5.0 to 15.0 feet bgs, while blank casing was installed from 0 to 5.0 feet bgs. Monterey kiln-dried #2/12 sand was placed in the annular borehole space around the screen interval and approximately one foot above the top of the screen, a one-foot bentonite seal was then placed above the sand filter pack, and the borehole was grouted to the surface. A traffic-rated flush mounted 12-inch Emco Wheaton well box was installed at the surface with a surrounding concrete apron. Well construction details for each of the newly constructed monitoring wells are included in Appendix A as Figures A-1 and A-6. In addition, Langan completed the appropriate Department of Water Resources (DWR) Well Completion Reports for each groundwater monitoring well installed for submittal to DWR. The DWR forms included the groundwater monitoring well owner and location information, the groundwater monitoring well construction details, boring logs, and depth to groundwater information.

Monitoring well development was initiated approximately 24-hours following well installation. Under the supervision of Langan, Gregg performed well development by pumping and surging each well using a surge block. Water quality parameters (including turbidity, temperature, conductivity, dissolved oxygen [DO], pH, and oxidation reduction potential [ORP]) were recorded using a YSI multi-parameter water quality meter during the development of the groundwater monitoring wells. At a minimum, at least three well volumes were removed during monitoring well development.

Two groundwater samples (MW-1 and MW-2) were collected at least 48-hours post well development activities. The groundwater samples were collected using a peristaltic pump via low-flow sampling techniques. During groundwater sampling, water quality parameters (including turbidity, temperature, conductivity, DO, pH, and ORP) were recorded using a YSI multi-parameter water quality meter. Upon stabilization of water quality parameters and/or after three well volumes were purged, the groundwater samples were collected and decanted directly into laboratory-supplied sample containers with appropriate preservatives. Samples were

appropriately labeled and stored in an ice-cooled chest for delivery to McCampbell under chain of custody protocols. Laboratory analytical reports and chain-of-custody records are included in Appendix B and sampling results are discussed further in Section 7.0.

4.4 Boring Abandonment and Investigation Derived Waste Procedures

Upon completion of the drilling and sampling, the soil borings and temporary soil vapor probes were properly abandoned with neat cement grout under the supervision of the ACPWA inspector. Investigation derived waste (IDW) generated during soil and groundwater sampling, and monitoring well installation and development was containerized in sealed and labeled 55-gallon drums temporarily stored on-site. Langan collected one composite soil sample and one groundwater sample for IDW characterization and off-site disposal. Following collection, the samples were placed in an ice-cooled chest for delivery to McCampbell under chain-of-custody procedures.

5.0 SAMPLE SELECTION AND ANALYTICAL TESTING

The Phase II ESA sampling and analytical testing was chosen to evaluate potential vapor intrusion concerns, soil profiling scenarios generally accepted by landfills, and characterize subsurface conditions prior to redevelopment.

5.1 Soil Testing

Soil samples were analyzed for some or all of the following compounds listed below:

- Total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), and total petroleum hydrocarbons as motor oil (TPHmo) by EPA Method 8015M;
- volatile organic compounds (VOCs) by EPA Method 8260B;
- semi-volatile organic compounds (SVOCs) by EPA Method 8270C;
- asbestos by California Air Resource Board (CARB) 435 Method;
- organochlorine pesticides (OCPs) by EPA Method 8081A;
- polychlorinated biphenyls (PCBs) by EPA Method 8082;
- California Assessment Manual (CAM) 17 metals by EPA Method 6020;
- organophosphorous pesticides by EPA Method 8141A; and
- chlorinated herbicides by EPA Method 8151A.

Chemical compounds in soil with concentrations greater than ten times the soluble threshold limit concentration (STLC) were also analyzed for solubility using the California waste extraction test (WET) method. Any total threshold limit concentration (TTLC) exceeding 20 times the STLC value, or if the STLC value after analysis with the WET method exceeds the State of California hazardous waste criteria the compound was also analyzed by the Federal toxicity characteristic leaching procedure (TCLP). These analyses were necessary to assess if concentrations exceed State and/or Federal hazardous waste criteria for landfill disposal restrictions.

5.2 Groundwater Testing

The groundwater samples collected from the on-site monitoring wells were analyzed for the following:

- TPHg, TPHd, and TPHmo by EPA Method 8015M;
- VOCs by EPA Method 8260B;
- SVOCs by EPA Method 8270C;
- total CAM 17 metals by EPA Method E200.8; and
- dissolved CAM 17 metals by EPA Method E200.8.

5.3 Soil Vapor Testing

The soil vapor samples were analyzed for the following:

- VOCs by EPA Method TO-15;
- Helium by ASTM D-1946 (leak test compound); and
- Oxygen, Methane, and Carbon Dioxide by ASTM D-1946.

6.0 LITHOLOGY AND SITE CONDITIONS

Langan reviewed the following report for the site pertaining to the subsurface conditions:

- Langan Engineering and Environmental Services, Inc., *Geotechnical Investigation, 1666 7th Street, Oakland, California*. 28 July 2020.

On 29 May 2020, two geotechnical borings (B-1 and B-2) and four cone penetration tests (CPTs) were advanced to supplement existing subsurface information. The exploratory drilling was completed by Gregg, under supervision by Langan, and permitted with ACPWA. The borings

were drilled using a hollow-stem auger drill rig to depths of between 51 and 53 feet bgs. The field engineer logged the borings and obtained samples of the material encountered for visual classification and laboratory testing. The CPTs were performed by hydraulically pushing a 1.4-inch-diameter, cone-tipped probe, with a projected area of 15 square centimeters, into the ground. The CPTs were advanced to depths of between 47 and 50 feet bgs. Upon completion of the field investigation, the borings and CPT locations were backfilled with grout in accordance with the requirements of the ACPWA permit. The soil cuttings from the borings were collected in 55-gallon drums, which were stored temporarily at the site, and characterized for off-site disposal. Boring logs from this investigation are presented in Appendix A as Figures B-1 and B-2. The soil encountered was classified in accordance with the soil classification chart in Figure B-3 (Appendix A). Additional details and recommendations pertaining to the geotechnical investigation can be found in the geotechnical report referenced above.

In connection with the geotechnical exploratory borings (B-1 and B-2), a total of five soil samples were collected at depths of 1.5, 3.0 and 5.0 feet bgs. Soil samples were obtained using a clean Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and 1.5-inch inside diameter. These additional samples were collected as part of the environmental site characterization, and were labeled, and stored in an ice-cooled chest for delivery to McCampbell under chain-of-custody procedures. Below is a summary of the surface, subsurface, and groundwater conditions based on the recently completed Langan environmental and geotechnical investigations.

6.1 Surface Conditions

The site is relatively level, with the ground surface elevations ranging from about 8.5 feet¹ in the southwestern portion of the site to about 10.5 feet along the northern portion of the site. Three modular buildings are present in the southern portion of the site with a concrete pavement slab between the buildings (Figure 2). The remainder of the site is relatively level, uncovered vegetated land, and is being used as a community garden/urban farm.

6.2 Subsurface Conditions

The results of our subsurface investigations indicate that the site is generally underlain by shallow undocumented fill. Where explored, the site is blanketed by approximately five to seven feet of undocumented fill, which is predominately composed of sand with varying amounts of clay, silt,

¹ Elevations referenced herein are from a topographic map titled "Boundary & Topographic Survey" dated June 2016 and prepared by Bay Area Land Survey Inc., City of Oakland Datum.

gravel, brick fragments and organics. At the locations explored, the fill is loose and does not appear to have been compacted during its placement.

Native silty/clayey sand (locally referred to as Merritt sand) underlines the fill. In general, the Merritt sand is medium dense at the surface of the unit and generally increases in relative density with depth; becoming dense at a depth of 10 to 15 feet beneath the existing ground surface. However, within the Merritt sand, we encountered a 3- to 5-foot-thick layer that is loose to medium dense across the site at depths ranging from about 20 to 25 feet bgs. The Merritt sand encountered beneath this loose to medium dense zone is dense to very dense. Merritt sand extends to the maximum depth explored. Based on available geologic maps and our understanding of the site vicinity, we conclude the Merritt sand is underlain by interbedded stiff to hard clays and dense sand of the Alameda formation, which extend to bedrock. Bedrock is likely on the order of 250 feet bgs.

6.3 Groundwater Conditions

Unstabilized groundwater levels were observed during drilling at depths ranging from approximately seven to 11 feet bgs. Stabilized groundwater levels observed in the on-site monitoring wells, approximately five days after installation, ranged from eight to nine feet bgs. We anticipate that the groundwater flow direction is to the southwest toward the San Francisco Bay, and that groundwater may be encountered at various depths throughout the year influenced by seasonal variations in rainfall.

7.0 LABORATORY TEST RESULTS AND EVALUATION

The laboratory analytical results are discussed below and summarized on Tables 1 through 5. Copies of the certified laboratory analytical reports for the environmental data collected by Langan are presented in Appendix B. Analytical results were compared to the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)², and State and Federal hazardous waste criteria for landfill disposal considerations. Where applicable, Langan compared analytical results to both the Cancer Risk and Non-Cancer Hazard ESLs to evaluate concentrations in soil, soil vapor, and groundwater.

² RWQCB ESLs: Soil Direct Exposure Human Health Risk Levels, Shallow Soil Exposure (Table S-1); Groundwater Vapor Intrusion Human Health Risk Levels (Table GW-3); Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels (Table SG-1); dated (REV. 2) 2019.

7.1 Soil Analytical Results Non-Metals

Soil analytical results for parameters other than metals are summarized in Table 1. TPHg was detected above the laboratory reporting limit in three of the 26 samples analyzed at concentrations ranging from 2.5 milligrams per kilogram (mg/kg) to 31 mg/kg. TPHd was detected above the laboratory reporting limit in eight of the 26 samples analyzed at concentrations ranging from 1.2 mg/kg to 21 mg/kg. TPHmo was detected above the laboratory reporting limit in ten of the 26 samples analyzed at concentrations ranging from 5.2 mg/kg to 300 mg/kg.

Nineteen SVOCs (see Table 1 for full list) were detected above the laboratory reporting limits in 13 of the 26 samples analyzed at concentrations ranging from 0.0014 mg/kg to 23 mg/kg. One SVOC, benzo(a)pyrene, was detected above the cancer risk residential ESL (0.11 mg/kg) at concentrations of 0.15 mg/kg (B-1-5) and 0.2 mg/kg (B-1-1.5). Please note that the DTSC study in Northern California³ has documented concentrations of benzo(a)pyrene in ambient data sets (non-contaminated samples) detected at a 95th percentile equivalent value of 0.9 mg/kg (which exceeds the current ESL). As a result, it is likely the benzo(a)pyrene concentrations at B-1-1.5 and B-1-5 are within background ranges. No other SVOCs were detected above laboratory reporting limits or exceeded ESLs in the samples analyzed. Two VOCs (1,2-dibromoethane and tetrachloroethene [PCE]) were detected above laboratory reporting limits. PCE was detected in one of the 26 samples analyzed at a concentration of 0.0019 mg/kg (EB-6-1.5). 1,2-dibromoethane was detected in four of the 26 soil samples analyzed at concentrations of 0.00011 mg/kg. No other VOCs were detected above laboratory reporting limits or exceeded ESLs in the samples analyzed.

Seven OCPs (see Table 1 for full list) were detected above the laboratory reporting limits in 11 of the 26 samples analyzed at concentrations ranging from 0.00015 to 0.049 mg/kg. No other OCPs were detected above laboratory reporting limits or exceeded ESLs in any of the samples analyzed. No organophosphorous pesticides, chlorinated herbicides, or asbestos were detected above laboratory reporting limits in any of the samples analyzed. None of the organic compounds exceeded their applicable direct exposure residential ESLs with the exception of benzo(a)pyrene, which is likely within background ranges.

³ DTSC, Use of the Northern and Southern California Polynuclear Aromatic Hydrocarbon (PAH) Studies in Manufactured Gas Plant Site Cleanup Process, dated 1 July 2019.

7.2 Soil Analytical Results Metals

The metal analytical results are summarized in Table 2. Fourteen heavy metals (antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, silver, vanadium, and zinc) were detected above the laboratory reporting limits at concentrations ranging from 0.059 mg/kg to 690 mg/kg. Total lead was detected at or above the laboratory reporting limit in each of the 26 samples analyzed at concentrations ranging from 2.2 mg/kg to 690 mg/kg.

Total lead was detected in seven of the 26 soil samples analyzed (B-1-1.5, B-1-5, B-2-1.5, EB-3-1.5, EB-4-1.5, EB-4-3.0, EB-8-1.5) at concentrations above 50 mg/kg (10 times the STLC) but below 1,000 mg/kg (TTLC); therefore, these samples were subsequently analyzed for STLC lead to determine soluble lead levels. Furthermore, total lead was detected in four of the 26 soil samples analyzed at concentrations above 100 mg/kg (20 times the STLC); therefore, these samples were subsequently analyzed for TCLP lead (in addition to STLC lead) to determine soluble lead levels. STLC lead was detected above the laboratory reporting limit in all seven of the samples analyzed at concentrations ranging from 3.0 milligrams per liter (mg/L) to 160 mg/L. STLC lead was detected at concentrations exceeding the Class I non-Resource Conservation and Recovery Act (RCRA) State of California hazardous waste criteria (5 mg/L) in five of the seven samples analyzed. One sample (B-1-5) detected total lead less than 100 mg/kg (20 times the STLC), but exceeded the State of California hazardous waste criteria after analysis with the WET method and was therefore also analyzed for TCLP lead. TCLP lead was detected above the laboratory reporting limit in three of the five samples analyzed at concentrations ranging from 0.1 mg/L to 0.69 mg/L. None of the TCLP lead concentrations exceeded the Class I RCRA Federal hazardous waste criteria (5 mg/L) in any of the samples analyzed.

Total chromium was detected at or above the laboratory reporting limit in each of the 26 samples analyzed at concentrations ranging from 31 mg/kg to 59 mg/kg. Total chromium was detected at concentrations above 50 mg/kg (10 times the STLC) but below 2,500 mg/kg (TTLC) in three of the 26 soil samples analyzed. Therefore, these samples were subsequently analyzed for STLC chromium to determine soluble chromium levels. STLC Chromium was detected in one of the three samples analyzed at a concentration of 0.79 mg/L. None of the STLC chromium concentrations exceed the Class I non-RCRA State of California hazardous waste criteria of 5 mg/L. In addition, none of the total chromium concentrations exceeded 100 mg/kg (20 times the STLC); therefore, no TCLP chromium analyses were necessary.

Heavy metal compounds were generally below direct exposure residential ESLs or within normal background ranges typically found in the San Francisco Bay Area⁴ with the exception of total lead. Concentrations of total lead in 5 of the 26 samples analyzed exceeded the direct exposure non-cancer hazard residential ESL (80 mg/kg) at sample locations B-1-1.5, B-1-5, EB-3-1.5, EB-4-1.5, and EB-8-1.5. In addition, concentrations of soluble lead exceeded the applicable State of California hazardous waste criteria at locations B-1-1.5, B-1-5, EB-3-1.5, EB-4-1.5, and EB-8-1.5.

7.3 Groundwater Analytical Results

The groundwater analytical results for non-metals are summarized in Table 3. Three SVOCs (diethyl phthalate, dimethyl phthalate, and di-n-butyl phthalate) were detected above laboratory reporting limits in one of the two samples analyzed (MW-2) at concentrations ranging from 0.012 micrograms per liter ($\mu\text{g/L}$) to 0.081 $\mu\text{g/L}$. No other SVOCs were detected above laboratory reporting limits in the samples analyzed. In addition, no VOCs, TPHg, TPHd, or TPHmo were detected above laboratory reporting limits in the groundwater samples analyzed. As a result, none of the organic compounds in groundwater exceed their applicable vapor intrusion residential ESLs.

The groundwater analytical results for metals are summarized on Table 4. Total and dissolved metals were detected above laboratory reporting limits in both samples analyzed. Nine total metals (arsenic, barium, chromium, copper, lead, molybdenum, nickel, selenium, and vanadium) were detected above laboratory reporting limits at concentrations ranging from 0.52 $\mu\text{g/L}$ to 40 $\mu\text{g/L}$. Seven dissolved metals (arsenic, barium, chromium, molybdenum, nickel, selenium, and vanadium) were detected above laboratory reporting limits at concentrations ranging from 0.75 $\mu\text{g/L}$ to 38 $\mu\text{g/L}$. Concentrations of total and dissolved metals in groundwater were not compared to direct exposure residential ESLs because groundwater beneath the City of Oakland is not a current or potential future drinking water source.

7.4 Soil Vapor Analytical Results

Soil vapor analytical results are presented in Table 5. Nineteen VOCs (see Table 5 for full list) were detected above their respective laboratory reporting limits in the five samples analyzed at

⁴ Environmental Resources Management. Feasibility Study, Hookston Station, Pleasant Hill, California. Appendix A, Table A-2, "Comparison of Background Concentrations of Metals in Bay Area Soils," July 2006.

concentrations ranging from 0.427 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to $146 \mu\text{g}/\text{m}^3$. The following compounds in soil vapor exceed their respective vapor intrusion ESLs:

- Benzene was detected in all five soil vapor samples at concentrations ranging from $4.86 \mu\text{g}/\text{m}^3$ to $146 \mu\text{g}/\text{m}^3$, all of which exceed the residential ESL cancer risk vapor intrusion human health risk level of $3.2 \mu\text{g}/\text{m}^3$. Concentrations of benzene in three soil vapor samples (SV-1, SV-4, and DUP-1) also exceed the commercial/industrial ESL cancer risk vapor intrusion human health risk level of $14 \mu\text{g}/\text{m}^3$.
- Methylene chloride was detected in soil vapor sample SV-3 at a concentration of $35.6 \mu\text{g}/\text{m}^3$, which exceeds the residential ESL cancer risk vapor intrusion human health risk level of $34 \mu\text{g}/\text{m}^3$.
- PCE was detected in all five soil vapor samples at concentrations ranging from $0.983 \mu\text{g}/\text{m}^3$ to $44.9 \mu\text{g}/\text{m}^3$. Concentrations of PCE in four soil samples (SV-1, SV-2, SV-4, and DUP-1) exceed the residential ESL cancer risk vapor intrusion human health risk level of $15 \mu\text{g}/\text{m}^3$.
- Vinyl chloride was detected in one soil vapor sample (SV-4) at a concentration of $0.427 \mu\text{g}/\text{m}^3$, which exceeds the residential ESL cancer risk vapor intrusion human health risk level of $0.32 \mu\text{g}/\text{m}^3$.

The remaining VOCs in soil vapor were below their respective ESLs. As part of laboratory QA/QC, one blind duplicate sample was collected (DUP-1) from sample location SV-1. No QA/QC issues were observed in the duplicate sample and the relative percent difference was within acceptable ranges.

Helium was used as a tracer gas around the sampling assembly and borehole during sample collection as a quality assurance/quality control (QA/QC) measure to confirm the sample integrity. Helium was not detected above the laboratory reporting limit in any of the five soil vapor samples analyzed. Oxygen and carbon dioxide was analyzed to assess the potential for petroleum vapor bio-attenuation in the shallow soil zone beneath the site. Oxygen was detected above the laboratory reporting limit in each of the five soil vapor samples analyzed at levels ranging from 16.1 to 18.9 percent by volume (%V). Carbon dioxide was detected above the laboratory reporting limit in each of the five soil vapor samples analyzed at concentrations ranging from 0.195 to 4.74 %V. In addition, methane was analyzed in all five samples collected, and only one sample (SV-4) detected methane above the laboratory reporting limit (10 parts per million [ppm]) at a concentration of 101 ppm. The lower explosive limit (LEL) for methane is 5 %V (or 50,000 ppm); therefore, the sample concentration detected is well below the LEL and does not require further evaluation.

8.0 ANALYSIS OF FINDINGS

The results from Langan's subsurface investigations indicate that a layer of undocumented fill material with elevated concentrations of heavy metals is present beneath the site. Based on the analytical results, five soil samples (B-1-1.5, B-1-5, EB-3-1.5, EB-4-1.5, and EB-8-1.5) exceeded the State of California hazardous waste criteria and the material from these areas will require disposal as Class I non-RCRA hazardous waste. Figure 3 illustrates the boring locations in reference to the current conceptual design, while Figure 4 presents the areas containing fill material exceeding State of California hazardous waste criteria. Langan recommends supplemental soil sampling and testing to further delineate soluble lead concentrations exceeding hazardous waste criteria prior to construction activities, which can be addressed and documented during an additional environmental site characterization (ESC).

The remaining fill material areas characterized to date not exceeding hazardous waste thresholds will most likely be disposed of as non-hazardous material. Figure 5 depicts the approximate thickness of material across the site. Where explored, the native material beneath the fill layer does not contain hazardous levels of contaminants and may be potentially reused or disposed of as unrestricted material. However, final soil acceptance is dependent on the receiving landfill or facility's acceptance criteria. Additional soil sampling may be necessary to profile material for off-site unrestricted export during construction.

Because soil containing soluble metal concentrations exceeding hazardous waste criteria is present beneath the site, we recommend a Soil Management Plan (SMP) and Health and Safety Plan (HASP) be prepared and implemented prior to redevelopment activities. The SMP will recommend measures to mitigate any long-term environmental or health and safety risks caused by the presence of soil concentrations exceeding hazardous waste thresholds at the site. The SMP would also contain contingency procedures to be implemented during construction activities, should unanticipated subsurface conditions or hazardous waste be encountered. The HASP will outline proper soil handling procedures and health and safety requirements to minimize worker and public exposure to hazardous substances during construction. The HASP is typically prepared by a certified industrial hygienist (CIH) on behalf of the general contractor. The HASP will describe the health and safety training requirements (i.e. trained in accordance with Section 1910.120 of 29 Code of Federal Regulations (HAZWOPER training)), specific personal hygiene, and monitoring equipment that will be used during construction.

Stabilized groundwater levels observed in the on-site monitoring wells ranged from eight to nine feet bgs, and we anticipate that groundwater may be encountered at various depths throughout

the year influenced by seasonal variations in rainfall. In the event construction dewatering and groundwater discharge is required during construction, a permit should be obtained from the East Bay Municipal Utility District (EBMUD) prior to any groundwater discharge. Based on the available data, it is unlikely that the groundwater would require pre-treatment prior to disposal (excluding a settling tank for suspended solids). However, EBMUD determines final acceptance of the groundwater into the sanitary sewer system according to the guidelines established in the EBMUD Special Discharge Permit Standard Terms and Conditions updated March 2017.

The soil vapor analytical results indicate that VOC compounds benzene, methylene chloride, PCE, and vinyl chloride are present at concentrations exceeding their respective RWQCB residential ESLs for vapor intrusion. However, these VOC compounds were not detected in soil (with the exception of a minor PCE concentration), and were also not present in groundwater above RWQCB residential ESLs for vapor intrusion. As a result, the elevated soil vapor concentrations beneath the site may be associated with an off-site source.

Per the EPA Technical Guidance for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank (LUST) Sites dated June 2015, Langan evaluated the potential for petroleum related VOCs in soil vapor to naturally biodegrade. Generally, petroleum related VOCs biodegrade rapidly under aerobic conditions, and if biodegradation is complete it produces only water and carbon dioxide. No significant concentrations (greater than 100 mg/kg) of combined TPHg and TPHd were detected in the shallow fill zone beneath the site. In addition, oxygen was detected at concentrations up to 18.9%V at five feet bgs, which suggests a bioattenuation zone is present beneath the site. Given the concentration of oxygen and vertical separation distance, there is a potential for petroleum related VOCs (such as benzene) to biodegrade beneath the site.

The chlorinated solvents methylene chloride, vinyl chloride, and PCE (detected beneath the site above the residential ESLs) do not have the propensity to naturally biodegrade in aerobic environments. Although the proposed conceptual design (Figure 3) depicts commercial use on the ground floor and the chlorinated solvent soil vapor concentrations were below commercial ESLs, Langan still recommends a passive vapor mitigation system (VMS) be included in the building design as a conservative measure. The recommended passive VMS would consist of a continuous, spray-applied vapor barrier membrane located immediately beneath the structural building slab combined with a horizontal collection and venting system installed below the vapor barrier membrane to allow any soil vapors that would otherwise collect beneath the slab to migrate and vent to the atmosphere outside the building. Below-grade utility conduits entering the building will be sealed to prevent VOC migration along the conduits from outside the building

into the sub-slab space beneath the building. The proposed design of the passive VMS will be performed by a professional engineer (PE) registered in the State of California and will be provided to any applicable regulatory agencies for review prior to construction.

9.0 LIMITATIONS

This SMP has been prepared on behalf of 7th & Campbell, LP (Client) and is specific to the proposed development project located at 1666 7th Street in Oakland, California. All conclusions and recommendations in this report concerning the site are the professional opinions of the Langan personnel involved with the project, and this report should not be considered a legal interpretation of existing environmental regulations. Opinions presented herein apply to site conditions existing at the time of our assessment, and cannot necessarily be taken to apply to site changes or conditions of which we are not aware and have not had the opportunity to evaluate.

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TABLES

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Table 1
Soil Analytical Results - Non-Metals
1666 7th Street
Oakland, California

Sample ID	Sample Depth	Date Sampled	VOCs		All Other VOCs	SVOCs														Petroleum Hydrocarbons			OCs					PCBs		Organo-phosphorus Pesticides	Chlorinated Herbicides	Asbestos (CARB 435)	%											
			1,2-Dibromoethane	PCE		2-Methylnaphthalene	Acenaphthylene	Anthracene	Benzo(a) Anthracene	Benzo(a) Pyrene	Benzo(b) Fluoranthene	Benzo(g,h,i) Perylene	Benzo(k) Fluoranthene	Butylbenzyl Phthalate	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz(a,h) Anthracene	Dimethyl Phthalate	Fluoranthene	Indeno (1,2,3-c,d) Pyrene	Naphthale	Phenanthrene	Phenol	Pyrene	All Other SVOCs	Gasoline Range TPH(g)	Diesel Range Organics TPH(d)	TPH-Motor Oil TPH(mg)	4,4'-DDD					4,4'-DDE	4,4'-DDT	Alpha Chlordane	Chlordane (Technical)	Dieldrin	Gamma-Chlordane	All Other OCPs	Aroclor 1254	Total PCBs		
			(mg/kg)	(mg/kg)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
B-1-1.5	1.5	5/29/2020	< 0.0001	< 0.001	ND	0.082	< 0.026	< 0.026	< 0.26	0.18	0.28	0.068	< 0.50	< 0.50	0.13	< 0.05	0.098	0.24	< 0.26	0.062	0.20	< 0.10	0.37	ND	31	5.9	250	< 0.0001	0.00057	0.00090	0.00015 P	0.00072	0.00015 P	< 0.0025	< 0.0001	0.00024	ND	0.0095 A	0.0095	ND	ND	ND	ND	
B-1-3	3.0	5/29/2020	< 0.0001	< 0.001	ND	0.0076	0.0091	0.0033	0.043	0.18	0.068	0.014	< 0.050	< 0.050	0.028	0.0080	< 0.0050	0.055	< 0.26	0.0068	0.034	< 0.10	0.058	ND	2.5	< 1.0	14	< 0.0001	0.00015 P	0.00072	< 0.0001	< 0.0025	< 0.0001	0.00016	ND	0.0058 A	0.0058	ND	ND	ND	ND			
B-1-5	5.0	5/29/2020	< 0.0001	< 0.001	ND	0.016	0.022	0.019	0.087	0.13	0.20	0.059	< 0.12	< 0.12	0.12	0.024	0.079	0.12	0.016	0.17	< 0.25	0.30	ND	3.9	1.6	43	< 0.002	< 0.002	0.010	< 0.002	< 0.002	< 0.002	< 0.002	ND	< 1.0	ND	ND	ND	ND	ND	ND			
B-2-1.5	1.5	5/29/2020	< 0.0001	< 0.001	ND	< 0.012	0.0088	0.018	< 0.065	0.063	0.087	0.095	< 0.025	< 0.025	0.056	0.018	< 0.012	0.088	0.065	< 0.0085	0.081	< 0.25	0.069	ND	< 1.0	6.4	92	0.00023	0.00018	0.00086	0.00057	< 0.0025	0.00053	0.00061	ND	< 0.005	ND	ND	ND	ND	ND	ND		
B-2-3	3.0	5/29/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	0.0014	< 0.013	< 0.0013	< 0.005	< 0.0080	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	0.00042	0.00080	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND	
EB-1-1.5	1.5	6/10/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	0.003	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0025	0.0014	< 0.013	< 0.0013	< 0.005	0.3	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND
EB-1-3.0	3.0	6/10/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	0.003	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	0.0014	< 0.013	< 0.0013	< 0.005	0.14	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND	
EB-2-1.5	1.5	6/11/2020	< 0.0001	< 0.001	ND	0.015	0.0041	< 0.0013	< 0.013	0.0050	< 0.0063	0.0078	0.0025	< 0.025	< 0.025	0.0041	< 0.0025	< 0.0025	0.0062	0.0046	0.01	0.0088	< 0.05	0.0080	ND	< 1.0	< 1.0	6.7	< 0.0001	< 0.0001	0.00033 P	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND	
EB-2-3.0	3.0	6/11/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	1.5	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND	
EB-2-7.0	7.0	6/11/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND	
EB-3-1.5	1.5	6/11/2020	< 0.0001	< 0.001	ND	< 0.25	< 0.13	< 0.13	< 1.3	< 0.25	< 0.63	< 0.25	< 0.13	10	23	< 0.25	< 0.25	0.15	< 1.3	< 0.13	< 0.5	< 5.0	< 0.25	ND	< 1.0	21	300	0.0020	0.049	0.032	0.0014	< 0.013	< 0.0001	0.00018	ND	< 0.005	ND	ND	ND	ND	ND	ND		
EB-3-3.0	3.0	6/11/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	0.083	< 0.0025	ND	< 1.0	< 1.0	5.2	< 0.0001	0.00015	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND			
EB-3-7.0	7.0	6/11/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND		
EB-4-1.5	1.5	6/11/2020	< 0.0001	< 0.001	ND	< 0.005	0.0028	< 0.0026	< 0.026	0.016	0.021	0.021	0.0080	< 0.05	< 0.05	0.012	0.0054	< 0.005	0.018	< 0.026	0.0029	0.010	< 0.1	0.019	ND	< 1.0	1.6	38	0.00025	0.0024	0.0086	0.00024 P	< 0.005	0.00024	0.00022	ND	< 0.01	ND	ND	ND	ND	ND	ND	
EB-4-3.0	3.0	6/11/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	0.0077	0.0094	0.011	0.0034	< 0.025	< 0.025	0.0046	0.0026	< 0.0025	0.0076	< 0.013	< 0.0013	< 0.005	< 0.05	0.0089	ND	< 1.0	1.2	15	< 0.0001	< 0.0001	0.0020 P	< 0.001	< 0.025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND	
EB-4-5.0	5.0	6/11/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND		
EB-5-1.5	1.5	6/11/2020	< 0.0001	< 0.001	ND	0.0034	< 0.0013	< 0.0013	< 0.013	0.0033	< 0.0063	0.0031	0.0019	< 0.025	< 0.025	0.0050	< 0.0025	< 0.0025	0.0048	< 0.013	0.0023	0.0068	< 0.05	0.0044	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND	
EB-5-3.0	3.0	6/11/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND		
EB-6-1.5	1.5	6/10/2020	< 0.0001	0.0019 B	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND		
EB-6-3.0	3.0	6/10/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND		
EB-6-5.0	5.0	6/10/2020	< 0.0001	< 0.001	ND	< 0.0025	< 0.0013	< 0.0013	< 0.013	< 0.0025	< 0.0063	< 0.0025	< 0.0013	< 0.025	< 0.025	< 0.0025	< 0.0025	< 0.0013	< 0.013	< 0.0013	< 0.005	< 0.05	< 0.0025	ND	< 1.0	< 1.0	< 5.0	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0001	< 0.0001	< 0.0001	ND	< 0.005	ND	ND	ND	ND	ND		

Table 2
Soil Analytical Results - Metals
1666 7th Street
Oakland, California

Sample ID	Sample Depth	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	STLC Chromium	Cobalt	Copper	Lead	STLC Lead	TCLP Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	
			(mg/kg)					(mg/L)	(mg/kg)				(mg/L)		(mg/kg)								
B-1-1.5	1.5	5/29/2020	0.74	4.2	160	< 0.5	1.1 B	34	--	4.1	21	150	11	< 0.1	0.43	< 0.5	21	< 0.5	< 0.5	< 0.5	< 0.5	26	180
B-1-3	3	5/29/2020	< 0.5	2.6	76	< 0.5	0.53 B	40	--	4	9.7	49	--	--	< 0.05	< 0.5	22	< 0.5	< 0.5	< 0.5	< 0.5	28	75
B-1-5	5	5/29/2020	< 0.5	2.6	87	< 0.5	0.65 B	34	--	3.4	12	85	6.2	0.1	0.059	< 0.5	19	< 0.5	< 0.5	< 0.5	< 0.5	25	110
B-2-1.5	1.5	5/29/2020	< 0.5	2.4	77	< 0.5	0.44 B	38	--	4.1	12	77	3.0	--	0.13	< 0.5	23	< 0.5	< 0.5	< 0.5	< 0.5	27	120
B-2-3	3	5/29/2020	< 0.5	2.2	53	< 0.5	< 0.25	44	--	3.7	7.3	8.9	--	--	< 0.05	< 0.5	24	< 0.5	< 0.5	< 0.5	< 0.5	29	28
EB-1-1.5	1.5	6/10/2020	< 0.5	2.3	80	< 0.5	< 0.5	39	--	3.0	9.1	45	--	--	0.060	< 0.5	20	< 0.5	< 0.5	< 0.5	< 0.5	28	26
EB-1-3.0	3.0	6/10/2020	< 0.5	1.6	48	< 0.5	< 0.5	32	--	3.2	5.0	3	--	--	< 0.05	< 0.5	15	< 0.5	< 0.5	< 0.5	< 0.5	21	17
EB-2-1.5	1.5	6/11/2020	< 0.5	2.6	73	< 0.5	< 0.5	36	--	4.0	9.0	44	--	--	0.075	< 0.5	21	< 0.5	< 0.5	< 0.5	< 0.5	26	62
EB-2-3.0	3.0	6/11/2020	< 0.5	2.0	54	< 0.5	< 0.5	40	--	3.6	6.3	2.4	--	--	< 0.05	< 0.5	23	< 0.5	< 0.5	< 0.5	< 0.5	27	18
EB-2-7.0	7.0	6/11/2020	< 0.5	3.3	54	< 0.5	< 0.5	42	--	4.6	7.5	3.1	--	--	< 0.05	< 0.5	34	< 0.5	< 0.5	< 0.5	< 0.5	35	23
EB-3-1.5	1.5	6/11/2020	1.2	5.6	210	< 0.5	2.2 B	45	--	6.7	27	390	160	0.69	1.3	< 0.5	35	< 0.5	< 0.5	< 0.5	< 0.5	34	270
EB-3-3.0	3.0	6/11/2020	< 0.5	3.1	59	< 0.5	< 0.5	59	< 0.10	8.2	7.9	3.5	--	--	< 0.05	< 0.5	44	< 0.5	< 0.5	< 0.5	< 0.5	40	33
EB-3-7.0	7.0	6/11/2020	< 0.5	3.2	74	< 0.5	< 0.5	44	--	6.2	8.8	3.2	--	--	< 0.05	< 0.5	41	< 0.5	< 0.5	< 0.5	< 0.5	33	25
EB-4-1.5	1.5	6/11/2020	1.3	5.9	240	< 0.5	1.2 B	41	--	7.5	45	370	8.4	0.1	0.29	0.54	30	< 0.5	< 0.5	< 0.5	< 0.5	31	300
EB-4-3.0	3.0	6/11/2020	0.59	2.2	71	< 0.5	< 0.5	34	--	5.4	9.0	51	3.6	--	0.064	< 0.5	20	< 0.5	< 0.5	< 0.5	< 0.5	26	82
EB-4-5.0	5.0	6/11/2020	< 0.5	2.8	68	< 0.5	< 0.5	40	--	12	7.6	7.2	--	--	< 0.05	< 0.5	33	< 0.5	< 0.5	< 0.5	< 0.5	33	57
EB-5-1.5	1.5	6/11/2020	< 0.5	2.4	91	< 0.5	< 0.5	38	--	4.1	9.8	27	--	--	0.14	< 0.5	20	< 0.5	< 0.5	< 0.5	< 0.5	26	29
EB-5-3.0	3.0	6/11/2020	< 0.5	2.2	66	< 0.5	< 0.5	40	--	4.5	6.7	2.5	--	--	< 0.05	< 0.5	22	< 0.5	< 0.5	< 0.5	< 0.5	28	19
EB-6-1.5	1.5	6/10/2020	< 0.5	1.9	68	< 0.5	< 0.5	34	--	5.2	6.9	3.5	--	--	< 0.05	< 0.5	23	< 0.5	< 0.5	< 0.5	< 0.5	24	76
EB-6-3.0	3.0	6/10/2020	< 0.5	1.8	62	< 0.5	< 0.5	31	--	3.4	5.8	2.2	--	--	< 0.05	< 0.5	19	< 0.5	< 0.5	< 0.5	< 0.5	24	27
EB-6-5.0	5.0	6/10/2020	< 0.5	2.4	46	< 0.5	< 0.5	38	--	6.0	5.9	2.8	--	--	0.069	< 0.5	26	< 0.5	< 0.5	< 0.5	< 0.5	28	18
EB-7-1.5	1.5	6/11/2020	< 0.5	2.4	55	< 0.5	< 0.5	38	--	4.2	7.2	6.3	--	--	< 0.05	< 0.5	21	< 0.5	< 0.5	< 0.5	< 0.5	27	25
EB-7-3.0	3.0	6/11/2020	< 0.5	2.5	50	< 0.5	< 0.5	42	--	3.6	7.1	2.9	--	--	< 0.05	< 0.5	23	< 0.5	< 0.5	< 0.5	< 0.5	32	20
EB-7-5.0	5.0	6/11/2020	< 0.5	4.1	53	< 0.5	< 0.5	53	< 0.10	5.0	8.9	4.9	--	--	< 0.05	< 0.5	35	< 0.5	< 0.5	< 0.5	< 0.5	41	23
EB-8-1.5	1.5	6/11/2020	2.2	5.2	330	< 0.5	3.8	57	0.79	5.3	150	690	25	< 0.10	0.98	0.57	27	< 0.5	0.55	< 0.5	< 0.5	29	530
EB-8-3.0	3.0	6/11/2020	< 0.5	2.3	61	< 0.5	< 0.5	37	--	3.7	9	24	--	--	0.072	< 0.5	21	< 0.5	< 0.5	< 0.5	< 0.5	28	43
Hazardous Waste Criteria																							
TTL		500	50	10,000	75	100	2,500	--	8,000	2,500	1,000	--	--	--	20	3,500	2,000	100	500	700	2,400	5,000	
STLC		15	5	100	0.75	1	--	5	80	25	--	5	--	--	0.2	350	20	1	5	7.0	24	250	
TCLP		--	5	--	--	1	5	--	--	--	--	--	5	0.2	--	--	--	1	5	--	--	--	
Screening Criteria																							
Residential ESLs¹	Cancer Risk	--	0.067	--	1,600	910	--	--	420	--	82	--	--	--	--	--	15,000	--	--	--	--	--	
	Non-Cancer Hazard	11	0.26	15,000	16	78	--	--	23	3,100	80	--	--	13	390	820	390	390	0.78	390	390	23,000	
Commercial/ Industrial ESLs²	Cancer Risk	--	0.31	--	6,900	4,000	--	--	1,900	--	380	--	--	--	--	--	64,000	--	--	--	--	--	
	Non-Cancer Hazard	160	3.6	220,000	230	1,100	--	--	350	47,000	320	--	--	190	5,800	11,000	5,800	5,800	12	5,800	350,000		
Background Metal Concentrations³		1.5-7.1	1.2-31	41-411	3	0.27-3.3	10-142	--	6.5-25.5	5.4-100	4.8-65	--	--	--	0.07-0.6	0.33-11.4	16-144	< 0.25-7	0.2-2.2	< 0.25-42.5	22-90	33-282	

Notes:

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

< 0.5 - Analyte was not detected at or above the laboratory reporting limit

-- Not analyzed or criteria not established

TTL - California Total Threshold Limit Concentration

STLC - California Soluble Threshold Limit Concentration

TCLP - Federal Toxicity Characteristic Leaching Procedure

B - Analyte detected in the associated Method Blank and in the sample

¹ - Residential Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board (RWQCB), Direct Exposure Human Health Risk Screening Levels, Shallow Soil Exposure (Table S-1), 2019.

² - Commercial/Industrial Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board (RWQCB), Direct Exposure Human Health Risk Screening Levels, Shallow Soil Exposure (Table S-1), 2019.

³ - Environmental Resources Management. Feasibility Study, Hookston Station, Pleasant Hill, California. Appendix A, Table A-2, "Comparison of Background Concentrations of Metals in Bay Area Soils," July 2006.

Bold - sample concentration exceeds hazardous waste criteria

150 - sample concentration exceeds residential ESL and background levels

390 - sample concentration exceeds residential and commercial/industrial ESL and background levels

Table 3
Groundwater Analytical Results - Non-Metals
1666 7th Street
Oakland, California

Sample ID	Date Sampled	VOCs	SVOCs			All Other SVOCs	Petroleum Hydrocarbons		
			Diethyl Phthalate	Dimethyl Phthalate	Di-N-Butyl Phthalate		Gasoline Range Organics	Diesel Range Organics	TPH-Motor Oil (C18-C36)
							TPH(g) (C6-C12)	TPH(d) (C10-C23)	TPH(mo) (C18-C36)
(µg/L)									
MW-1	6/15/2020	ND	< 0.24	< 0.049	< 0.24	ND	< 50	< 50	< 250
MW-2	6/15/2020	ND	0.081	0.012	0.050	ND	< 50	< 50	< 250
Screening Criteria									
Residential ESLs ¹	Cancer Risk	Various	--	--	--	Various	--	--	--
	Non-cancer Hazard	Various	--	--	--	Various	--	--	--
Commercial/ Industrial ESLs ²	Cancer Risk	Various	--	--	--	Various	--	--	--
	Non-cancer Hazard	Various	--	--	--	Various	--	--	--

Notes:

µg/L - micrograms per liter

ND - Analyte was not detected above the laboratory reporting limit

TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M

TPHd - Total Petroleum Hydrocarbons as Diesel Range, EPA Method 8015M

TPHmo - Total Petroleum Hydrocarbons as Motor Oil, EPA Method 8015M

VOC - Volatile Organics Compounds, EPA Method 8260B

SVOC - Semi-volatile Organics Compounds, EPA Method 8270C

-- Criteria not established

¹ Residential Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board (RWQCB), Groundwater Summary, Vapor Intrusion Human Health Risk Levels, (Table GW-3). 2019.

² Commercial/Industrial Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board (RWQCB), Groundwater Summary, Vapor Intrusion Human Health Risk Levels, (Table GW-3). 2019.

Table 4
Groundwater Analytical Results - Metals
1666 7th Street
Oakland, California

Sample ID	Date Sampled	Metals																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		(µg/L)																
		Total Metals																
MW-1	6/15/2020	< 0.5	1.2	40	< 0.5	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 0.05	0.80	2.9	< 0.5	< 0.5	< 0.5	1.9	< 20
MW-2	6/15/2020	< 0.5	1.2	36	< 0.5	< 0.5	2.3	< 0.5	0.70	0.52	< 0.05	3.6	5.4	1.7	< 0.5	< 0.5	2.0	< 20
		Dissolved Metals																
MW-1	6/15/2020	< 0.5	1.1	38	< 0.5	< 0.25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	0.75	2.8	< 0.5	< 0.19	< 0.5	1.8	< 15
MW-2	6/15/2020	< 0.5	1.1	33	< 0.5	< 0.25	1.5	< 0.5	< 0.5	< 0.5	< 0.05	3.8	4.6	1.9	< 0.19	< 0.5	1.4	< 15

< 0.5 - Analyte was not detected above the laboratory reporting limit
 µg/L - micrograms per liter

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Table 5
Soil Vapor Analytical Results
1666 7th Street
Oakland, California

Sample ID	Date Sampled	VOCs																				All Other VOCs	Fixed Gases			
		1,1-Dichloroethene	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene (Mesitylene)	Benzene	Bromomethane	Chloroform	Chloroethane	Chloromethane	Ethylbenzene	Freon-11	Freon-12	Naphthalene	Methylene Chloride	Styrene	PCE	Toluene	Vinyl Chloride	m,p-Xylene	o-Xylene	Total Xylenes		Methane	Carbon Dioxide	Helium	Oxygen
		(µg/m ³)																					ppmv	%V		
SV-1	6/10/2020	< 0.397	4.02	1.49	40.2	< 0.388	1.42	< 0.264	1.65	15.7	1.47	1.38	< 0.786	< 10.4	24.1	25.8	43.6	< 0.0895	25.2	15.1	40.2	ND	ND	1.68	ND	18.1
SV-2	6/10/2020	< 0.397	1.20	< 0.492	8.24	< 0.388	0.703	< 0.264	< 0.207	3.09	2.01	2.45	0.924	< 10.4	0.822	17.2	179	< 0.0895	8.23	2.88	11.1	ND	ND	0.693	ND	18.9
SV-3	6/10/2020	< 0.397	< 0.492	< 0.492	4.86	< 0.388	1.29	< 0.264	1.12	1.09	2.22	2.21	< 0.786	< 0.426	0.983	37.7	< 0.0895	1.62	0.882	2.50	ND	ND	4.74	ND	16.4	
SV-4	6/10/2020	0.594	2.61	1.35	146	0.824	1.35	0.790	4.30	14.3	2.49	2.03	< 0.786	< 10.4	5.89	44.9	96.7	0.427	33.2	17.2	50.4	ND	101	0.195	ND	16.1
DUP-1	6/10/2020	< 0.397	4.13	2.11	41.1	< 0.368	1.37	< 0.264	2.12	15.0	1.37	1.45	< 0.786	< 10.4	22.7	24.1	41.2	< 0.0895	24.2	14.4	38.5	ND	ND	1.73	ND	17.2
Screening Criteria																										
Residential ESLs ¹	Cancer Risk	--	--	--	3.2	--	4.1	--	--	37	--	--	2.8	34	--	15	--	0.32	--	--	--	Various	--	--	--	--
	Noncancer Hazard	2,400	--	--	100	170	3,400	350,000	3,100	35,000	--	--	100	14,000	31,000	1,400	10,000	3,500	--	--	3,500	Various	--	--	--	--
Commercial/Industrial ESLs ²	Cancer Risk	--	--	--	14	--	18	--	--	160	--	--	12	410	--	67	--	5.2	--	--	--	Various	--	--	--	--
	Noncancer Hazard	10,000	--	--	440	730	14,000	1,500,000	13,000	150,000	--	--	440	58,000	130,000	5,800	44,000	15,000	--	--	15,000	Various	--	--	--	--

Notes:
 µg/m³ - micrograms per cubic meter
 VOC - Volatile Organics Compounds, Method TO-15
 PCE - Tetrachloroethene
 %V - Percent volume
 < 0.397 - Analyte was not detected above the laboratory reporting limit.
 -- Criteria not established
 Freon-11 - trichlorofluoromethane
 Freon-12 - dichlorodifluoromethane

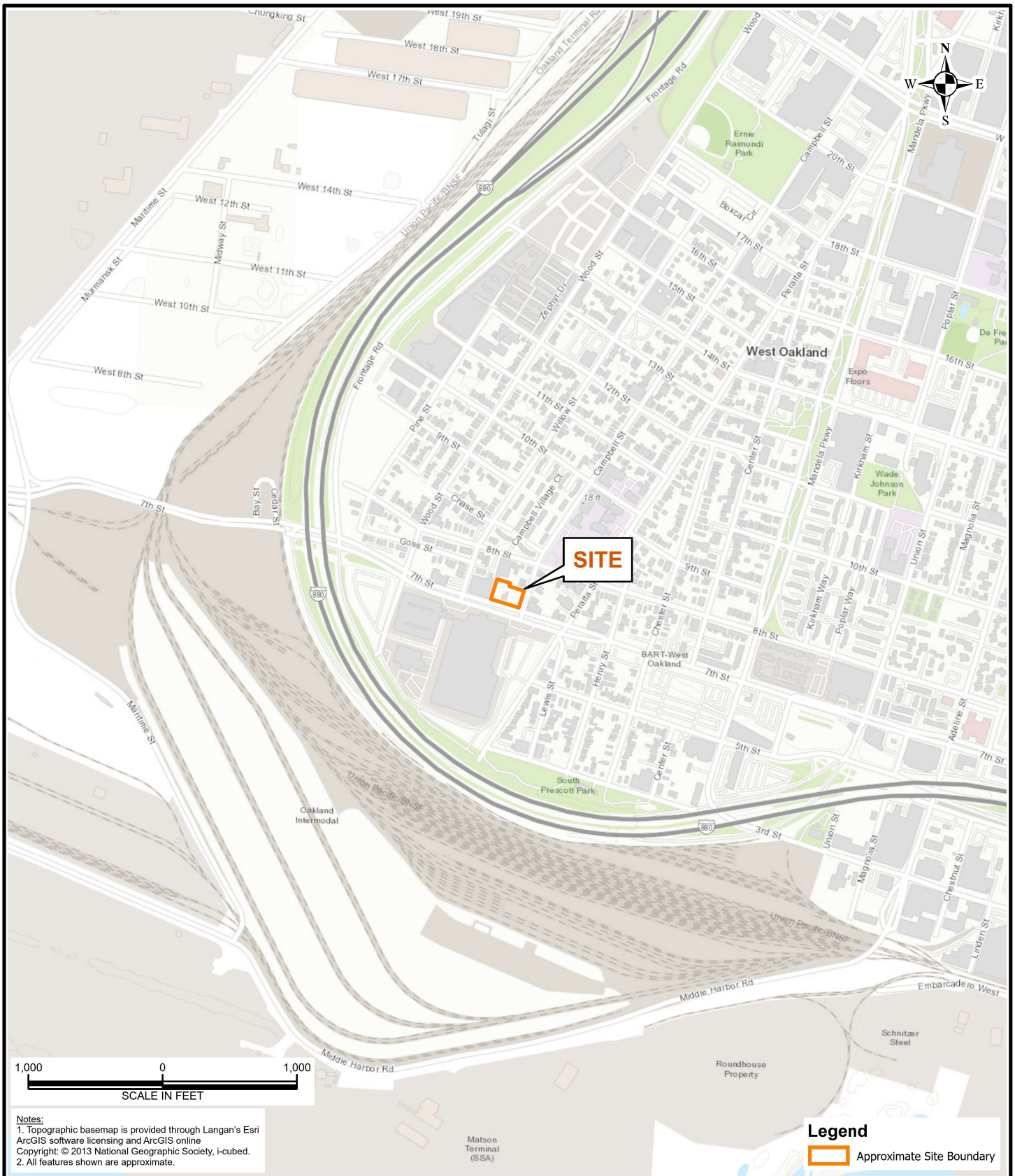
8.24 - sample concentration exceeds residential ESL
 40.2 - sample concentration exceeds residential and commercial/industrial ESL

¹Residential Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board (RWQCB), Vapor Summary, Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels (Table SG-1), 2019.
²Commercial/Industrial Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board (RWQCB), Vapor Summary, Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels (Table SG-1), 2019.

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FIGURES

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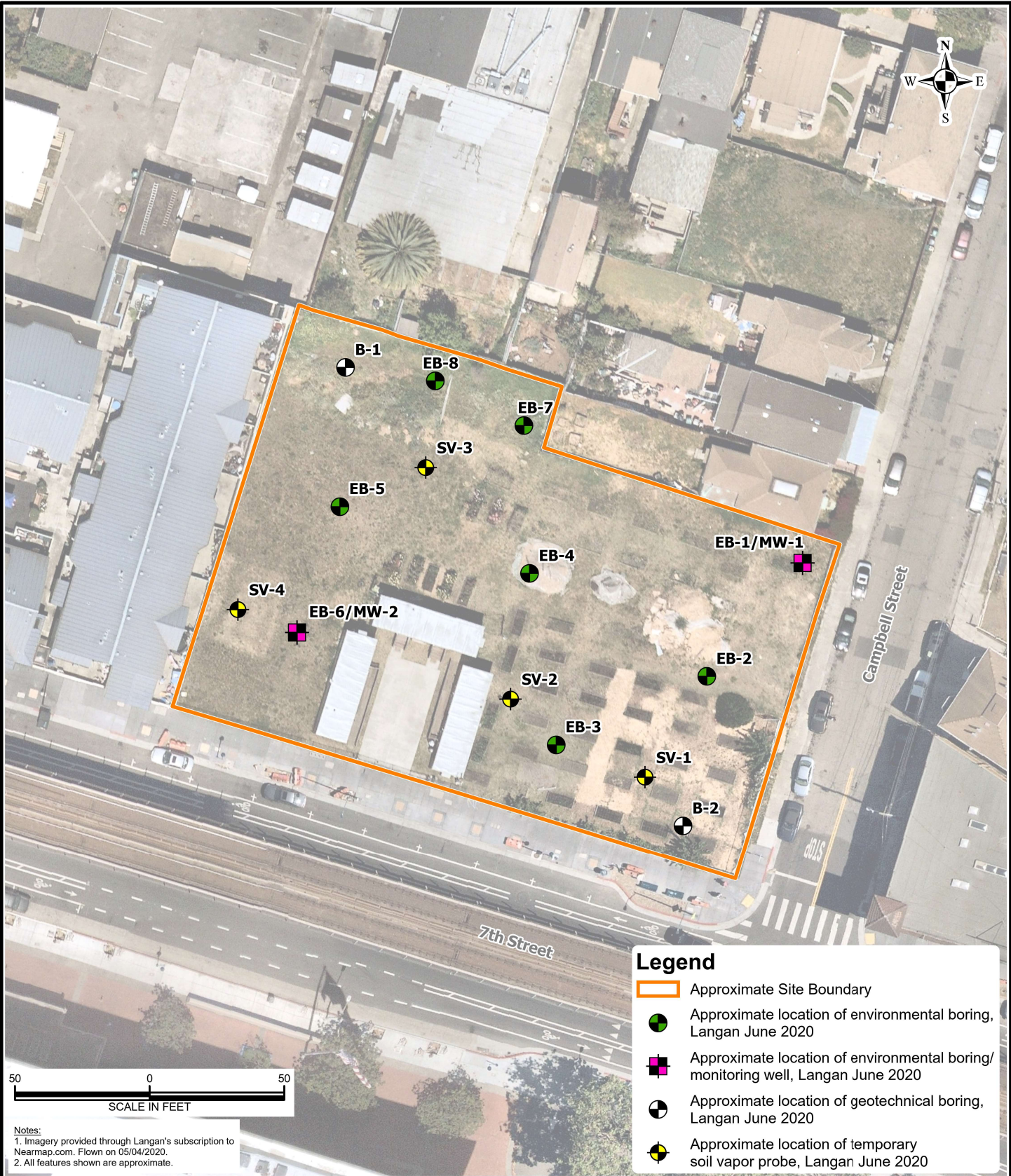
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 Collectively known as Langan

Project
1666 7TH STREET
 OAKLAND
 ALAMEDA COUNTY CA

Drawing Title
SITE LOCATION MAP

Project No.
 750664801
 Date
 6/25/2020
 Scale
 1" = 1,000 feet
 Drawn By
 JNE

Figure
1



Legend

- Approximate Site Boundary
- Approximate location of environmental boring, Langan June 2020
- Approximate location of environmental boring/monitoring well, Langan June 2020
- Approximate location of geotechnical boring, Langan June 2020
- Approximate location of temporary soil vapor probe, Langan June 2020



Notes:
 1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 05/04/2020.
 2. All features shown are approximate.

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1666 7TH STREET
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 ALAMEDA COUNTY CA





Drawing Title
SITE PLAN WITH ENVIRONMENTAL BORING LOCATIONS


Project No. 750664801	2
Date 6/26/2020	
Scale 1" = 50 feet	
Drawn By JNE	

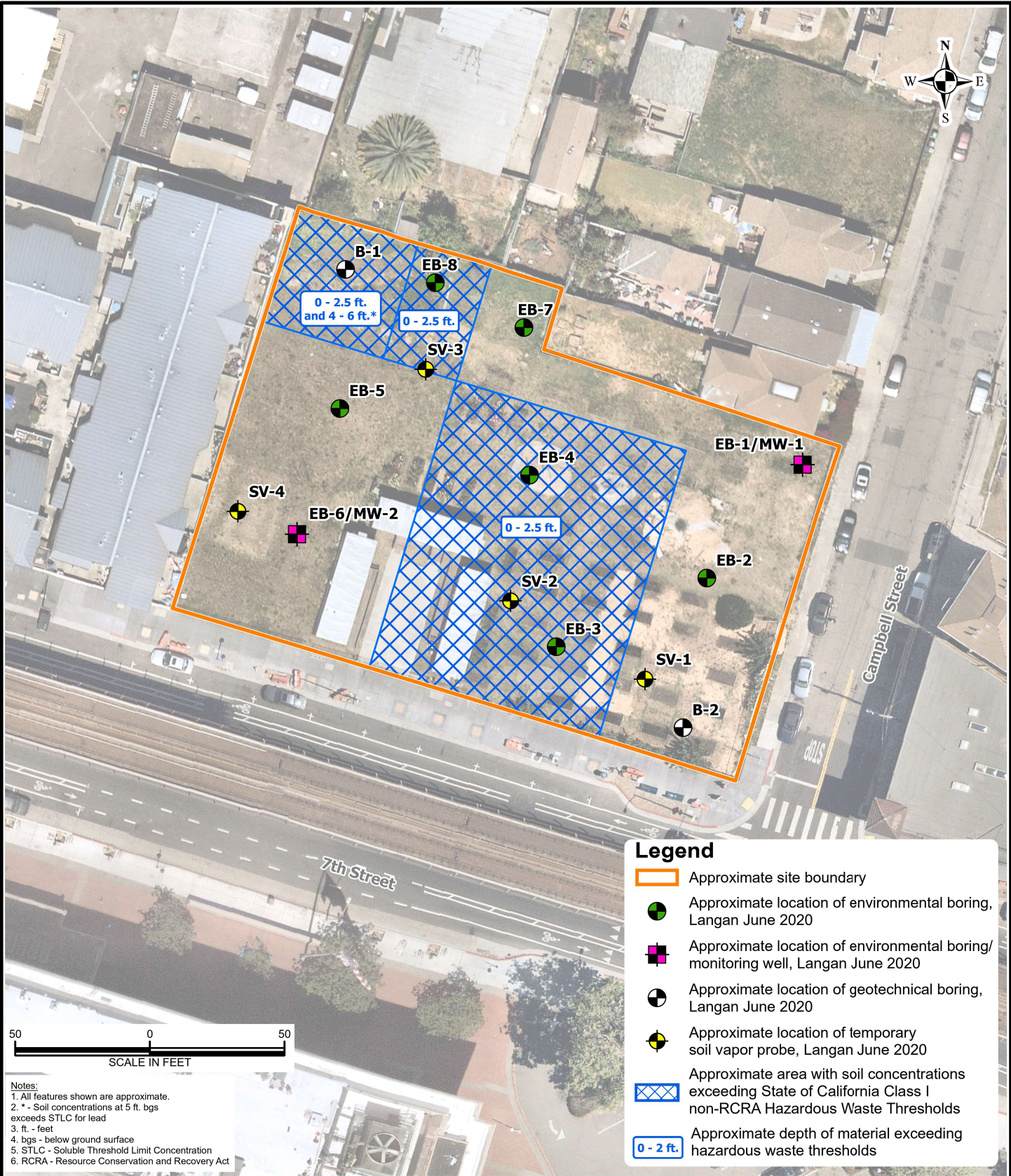


Notes:
 1. "1st Floor Plan" provided by MWA Architects, dated 6/10/2020.
 2. All features shown are approximate.

Legend

-  Approximate location of environmental boring, Langan June 2020
-  Approximate location of environmental boring/monitoring well, Langan June 2020
-  Approximate location of geotechnical boring, Langan June 2020
-  Approximate location of temporary soil vapor probe, Langan June 2020

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	© 2020 Langan			

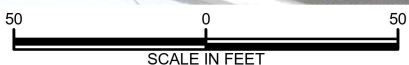
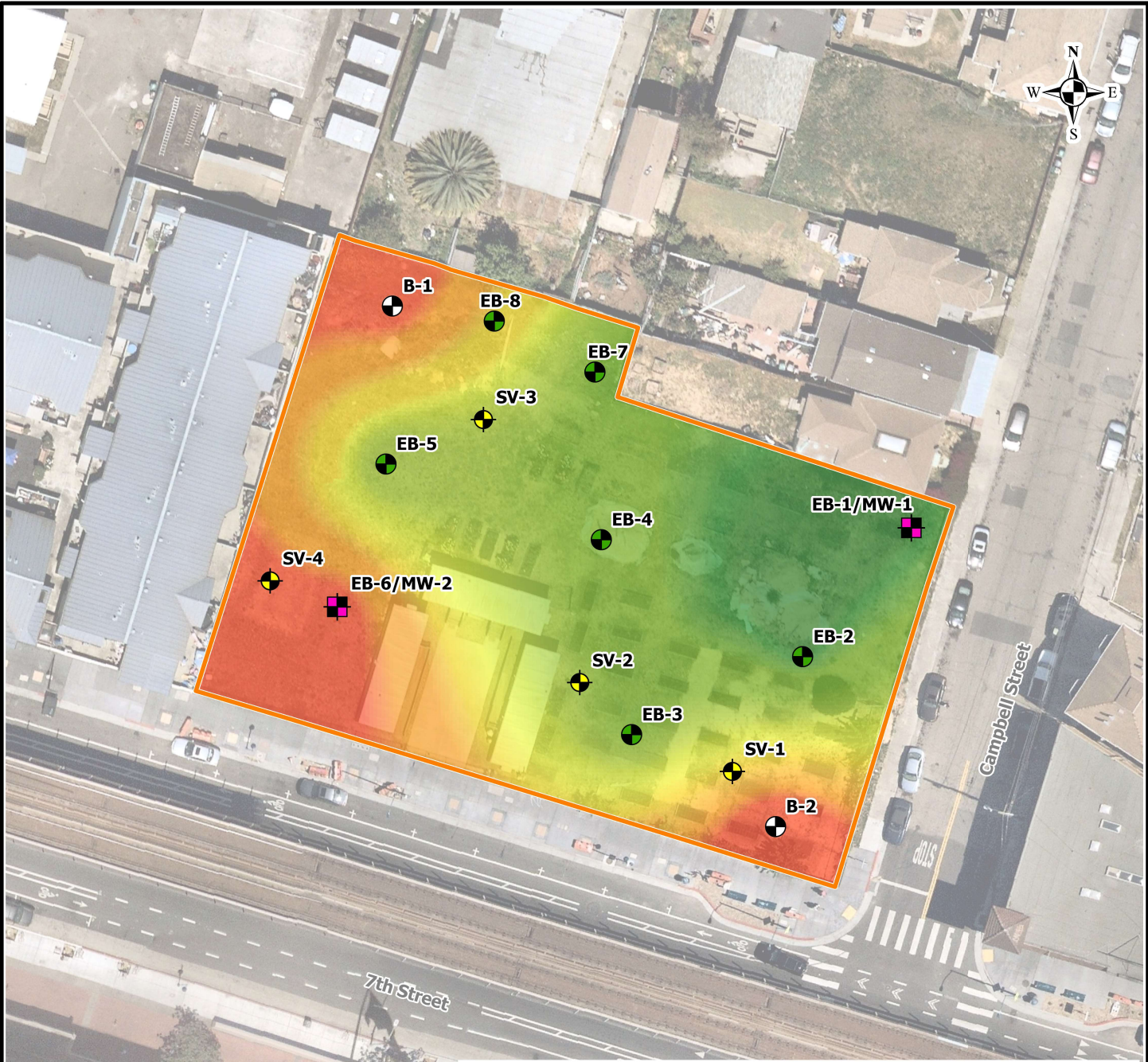


Legend

- Approximate site boundary
- Approximate location of environmental boring, Langan June 2020
- Approximate location of environmental boring/monitoring well, Langan June 2020
- Approximate location of geotechnical boring, Langan June 2020
- Approximate location of temporary soil vapor probe, Langan June 2020
- Approximate area with soil concentrations exceeding State of California Class I non-RCRA Hazardous Waste Thresholds
- Approximate depth of material exceeding hazardous waste thresholds

Notes:
 1. All features shown are approximate.
 2. * - Soil concentrations at 5 ft. bgs exceeds STLC for lead
 3. ft. - feet
 4. bgs - below ground surface
 5. STLC - Soluble Threshold Limit Concentration
 6. RCRA - Resource Conservation and Recovery Act

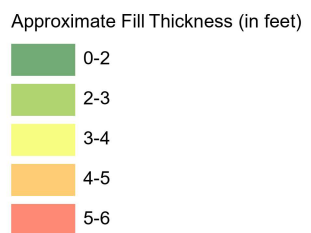
 501 14th Street, 3rd Floor Oakland, CA 94612-1420 T: 510.874.7000 F: 510.874.7001 www.langan.com Langan Engineering & Environmental Services, Inc. Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. Langan International LLC Collectively known as Langan	Project 1666 7TH STREET OAKLAND ALAMEDA COUNTY CA	Drawing Title SITE PLAN WITH SOIL CONCENTRATIONS EXCEEDING HAZARDOUS WASTE THRESHOLDS	Project No. 750664801 Date 8/16/2020 Scale 1" = 50 feet Drawn By OG	Figure 4
	Path: \\langan.com\data\OAK\data8\750664801\Project Data\ArcGIS\APRX\750664801\APRX\750664801\750664801_UPDATE.aprx			



Notes:
 1. All features shown are approximate.
 2. * - Soil concentrations at 5 ft. bgs exceeds STLC for lead
 3. ft. - feet
 4. bgs - below ground surface
 5. STLC - Soluble Threshold Limit Concentration
 6. RCRA - Resource Conservation and Recovery Act

Legend

- Approximate location of environmental boring, Langan June 2020
- Approximate location of environmental boring/ monitoring well, Langan June 2020
- Approximate location of geotechnical boring, Langan June 2020
- Approximate location of temporary soil vapor probe, Langan June 2020
- Approximate site boundary



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Project
1666 7TH STREET
 OAKLAND
 ALAMEDA COUNTY CA

Drawing Title
**SITE PLAN WITH
 FILL THICKNESS
 MEASUREMENTS**

Project No.
 750664801
 Date
 7/23/2020
 Scale
 1" = 50 feet
 Drawn By
 OG

Figure
5

APPENDIX A

EXPLORATORY BORING LOGS AND WELL CONSTRUCTION DETAILS

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PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring EB-1/MW-1

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/10/20

Date finished: 6/10/20

Drilling method: Direct Push Technology/Hollow-stem Auger

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION	Well Completion Details
	Sample Number	Sample	Blow Count	Recovery (inches)				
1					0.0	SP-SM	SAND with SILT (SP-SM) 90% sand, 10% fines, loose, dry, poorly graded, no odor	
2	EB-1-1.5	•		20/48"				
3	EB-1-3.0	•		0.0				
4						SC	CLAYEY SAND (SC) 70% sand, 30% fines, tan, dense, moist, poorly graded, no odor wet at 7 feet	
5	EB-1-5.0	•		34/48"				
6				48/48"				
7				0.0				
8								
9					▼ clay lens at 9 feet			
10				48/48"				
11								
12								
13								
14				48/48"				
15								
16					0.0			
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

TEST ENVIRONMENTAL WELL REV1 750664801-1666 7TH ST. ENV.GPJ TEMPLATE_CA-MODIFIED.GDT 7/9/20

Boring terminated at a depth of 16 feet below ground surface.
Boring completed as Monitoring well MW-1.
Initial groundwater level at 11.6 feet bgs and static groundwater level at 8.6 feet below ground surface.
Boring initially advanced using direct push and then the monitoring well installed using hollow-stem augers.

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Project No.: 750664801

Figure: A-1

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring EB-2

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/11/20

Date finished: 6/11/20

Drilling method: Direct Push Technology

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (inches)			
1					0.0	SP-SM	SAND with SILT (SP-SM) 90% sand, 10% fines, brown, loose, moist, poorly graded, no odor, brick fragments [FILL]
2	EB-2-1.5	•		36/48"	0.0	SP-SC	
3	EB-2-3.0	•					SAND with CLAY (SP-SC) 85% sand, 15% fines, light brown, medium dense, moist, poorly graded, no odor
4					0.0		
5	EB-2-5.0	•			0.1	SC	CLAYEY SAND (SC) medium dense, moist, poorly graded, no odor
6				42/48"	0.0		
7	EB-2-7.0	•			0.0		wet at 7 to 8 feet
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 8 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at 7 to 8 feet below ground surface.

LANGAN

Project No.: 750664801

Figure: A-2

TEST ENVIRONMENTAL INCHES 750664801-1666 7TH ST ENV.GPJ TEMPLATE CA-MODIFIED.GDT 7/9/20

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring EB-3

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/11/20

Date finished: 6/11/20

Drilling method: Direct Push Technology

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (Inches)			
1					0.2	SP-SM	SAND with SILT (SP-SM) 90% sand, 10% fines, dark brown, loose, dry, poorly graded, no odor [FILL] asphalt at 1 foot
2	EB-3-1.5	•			0.1	SP-SC	SAND with CLAY (SP-SC) 85% sand, 15% fines, brown, medium dense, moist, poorly graded, no odor
3	EB-3-3.0	•			0.0		
4					0.1		
5	EB-3-5.0	•			0.4	SC	CLAYEY SAND (SC) tan, medium dense, moist to wet, no odor water
6					0.5		
7	EB-3-7.0	•			0.0		
8					0.1		
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 8 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at 6.5 feet.

LANGAN

Project No.:
750664801

Figure:
A-3

TEST ENVIRONMENTAL INCHES 750664801-1666 7TH ST ENV.GPJ TEMPLATE CA-MODIFIED.GDT 7/9/20

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring EB-4

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/11/20

Date finished: 6/11/20

Drilling method: Direct Push Technology

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (inches)			
1					0.0	SP-SM	SAND with SILT (SP-SM) 90% sand, 10% fines, dark brown [FILL]
2	EB-4-1.5	•		24/48"	0.1		brick and mortar debris
3	EB-4-3.0	•			0.0		SAND with CLAY (SP-SC) 85% sand, 15% fines, tan, moist, poorly graded, no odor
4					0.1		increasing moisture with depth
5	EB-4-5.0	•		48/48"	0.0	SP-SC	
6					0.2		
7					0.2		
8					0.1		
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 8 feet below ground surface.
Boring backfilled with cement grout.

LANGAN

Project No.: 750664801

Figure: A-4

TEST ENVIRONMENTAL INCHES 750664801-1666 7TH ST ENV.GPJ TEMPLATE CA-MODIFIED.GDT 7/9/20

DRAFT

PROJECT:

**1666 7TH STREET
Oakland, California**

Log of Boring EB-5

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/11/20

Date finished: 6/11/20

Drilling method: Direct Push Technology

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (Inches)			
1						SP-SM	SAND with SILT (SP-SM) 90% sand, 10% fines, brown, dry, no odor, trace brick, mortar fragments [FILL]
2	EB-5-1.5	•		38/ 48"	0.1	SP-SM	SAND with CLAY (SP-SC) tan, medium dense, moist, no odor
3	EB-5-3.0	•			0.0		
4					0.0	SP-SC	increasing moisture with depth
5	EB-5-5.0	•		44/ 48"	0.1		
6					0.2		
7					0.0		
8					0.0		
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 8 feet below ground surface.
Boring backfilled with cement grout.

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Project No.:
750664801

Figure:
A-5

TEST ENVIRONMENTAL INCHES 750664801-1666 7TH ST ENV.GPJ TEMPLATE CA-MODIFIED.GDT 7/9/20

DRAFT

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring EB-6/MW-2

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/10/20

Date finished: 6/10/20

Drilling method: Direct Push Technology

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION	Well Completion Details
	Sample Number	Sample	Blow Count	Recovery (inches)				
1					0.0			
2	EB-6-1.5	•		33/48"	0.2	SP-SM	SAND with SILT (SP-SM) 90% sand, 10% fines, brown, loose, dry, poorly graded, no odor, trace brick, gravel [FILL]	
3	EB-6-3.0	•			0.1	SP-SM		
4								
5	EB-6-5.0	•			0.0	SP-SC	SAND with CLAY (SP-SC) tan, medium dense, poorly graded, no odor	
6				48/48"	0.1			
7					0.0			
8					0.0		CLAYEY SAND (SC) 70% sand, 30% fines, tan, medium dense, moist, poorly graded, no odor	
9					0.0		moist, appear saturated	
10				48/48"	0.2			
11						SC		
12					0.1			
13				36/36"	0.2			
14								
15					0.1			

TEST ENVIRONMENTAL WELL REV1 750664801-1666 7TH ST. ENV.GPJ TEMPLATE_CA-MODIFIED.GDT 7/9/20

Boring terminated at a depth of 15 feet below ground surface.
Boring completed as Monitoring well MW-2
Initial groundwater level at 11.2 feet bgs and static groundwater level at 7.75 feet below ground surface.
Boring initially advanced using direct push and then the monitoring well installed using hollow-stem augers.

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Project No.: 750664801

Figure: A-6

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring EB-7

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/11/20

Date finished: 6/11/20

Drilling method: Direct Push Technology

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (inches)			
1						SP-SM	SAND with SILT (SP-SM) 90% sand, 10% fines, tan, loose, dry, no odor, some brick debris, mortar, concrete glass [FILL]
2	EB-7-1.5	•		32/ 48"	0.1	SP-SC	SAND with CLAY (SP-SC) 85% sand, 15% fines, tan, moist, medium density, no odor
3	EB-7-3.0	•			0.0		
4					0.2	SP-SC	
5	EB-7-5.0	•		0.0			
6				38/ 48"	0.1	SC	increasing density and moisture with depth, trace oxidized gravel, laminations starting at 7 feet
7					0.0		
8					0.0		CLAYEY SAND (SC) 75% sand, 25% fines, tan with gray lensing (organics), dense, moist, some organics and roots visible
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 8 feet below ground surface.
Boring backfilled with cement grout.

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Project No.:
750664801

Figure:
A-7

TEST ENVIRONMENTAL INCHES 750664801-1666 7TH ST ENV.GPJ TEMPLATE CA-MODIFIED.GDT 7/9/20

DRAFT

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring EB-8

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: B. Hayward

Date started: 6/11/20

Date finished: 6/11/20

Drilling method: Direct Push Technology

Hammer weight/drop:

Hammer type: Automatic

Sampler: 4' Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (inches)			
1					0.0		SAND with SILT (SP-SM) 90% sand, 10% fines, brown, loose, dry, no odor, brick, glass, concrete debris [FILL]
2	EB-8-1.5	•		20/48"		SP-SM	
3	EB-8-3.0	•					
4					0.1		
5	EB-8-5.0	•		38/48"	0.1	SP-SC	SAND with CLAY (SP-SC) 85% sand, 15% fines, tan, medium dense, moist, no odor, some lensing with black sand/clay, oxidized black gravel
6							
7					0.0		
8					0.0	SC	CLAYEY SAND (SC) 75% sand, 25% fines, tan, dense, wet, no odor wet at 7 feet
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

TEST ENVIRONMENTAL INCHES 750664801-1666 7TH ST. ENV.GPJ TEMPLATE CA-MODIFIED.GDT 7/9/20

Boring terminated at a depth of 8 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at 7 feet below ground surface.

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Project No.: 750664801

Figure: A-8

UNIFIED SOIL CLASSIFICATION SYSTEM

Major Divisions		Symbols	Typical Names
Coarse-Grained Soils (more than half of soil > no. 200 sieve size)	Gravels (More than half of coarse fraction > no. 4 sieve size)	GW	Well-graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than half of coarse fraction < no. 4 sieve size)	SW	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
Fine-Grained Soils (more than half of soil < no. 200 sieve size)	Silts and Clays LL = < 50	ML	Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	Silts and Clays LL = > 50	MH	Inorganic silts of high plasticity
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic silts and clays of high plasticity
Highly Organic Soils		PT	Peat and other highly organic soils

SAMPLE DESIGNATIONS/SYMBOLS

GRAIN SIZE CHART		
Classification	Range of Grain Sizes	
	U.S. Standard Sieve Size	Grain Size in Millimeters
Boulders	Above 12"	Above 305
Cobbles	12" to 3"	305 to 76.2
Gravel coarse fine	3" to No. 4 3" to 3/4" 3/4" to No. 4	76.2 to 4.76 76.2 to 19.1 19.1 to 4.76
Sand coarse medium fine	No. 4 to No. 200 No. 4 to No. 10 No. 10 to No. 40 No. 40 to No. 200	4.76 to 0.075 4.76 to 2.00 2.00 to 0.420 0.420 to 0.075
Silt and Clay	Below No. 200	Below 0.075

- Sample taken with Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter. Darkened area indicates soil recovered
- Classification sample taken with Standard Penetration Test sampler
- Undisturbed sample taken with thin-walled tube
- Disturbed sample
- Sampling attempted with no recovery
- Core sample
- Analytical laboratory sample
- Sample taken with Direct Push or Drive sampler
- Sonic

- Unstabilized groundwater level
- Stabilized groundwater level

SAMPLER TYPE

- C Core barrel
- CA California split-barrel sampler with 2.5-inch outside diameter and a 1.93-inch inside diameter
- D&M Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube
- O Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube
- PT Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube
- S&H Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter
- SPT Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.5-inch inside diameter
- ST Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

Langan Engineering and Environmental Services, Inc. 501 14th Street, 3rd Floor Oakland, CA 94612 T: 510.874.7000 F: 510.874.7001 www.langan.com	Project	Drawing Title	Project No. 750664801	A-9
	1666 7TH STREET	SOIL CLASSIFICATION CHART	Date 06/18/2020	
	OAKLAND		Drawn By AG	
	ALAMEDA COUNTY CALIFORNIA		Checked By BH	

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring B-1

Boring location: See Site Plan, Figure 2

Logged by: N. Jose
Drilled By: Gregg Drilling

Date started: 5/29/20

Date finished: 5/29/20

Drilling method: Hollow Stem Auger

Hammer weight/drop: 140 lbs./30 inches

Hammer type: Automatic Safety

Samplers: Standard Penetration Test (SPT)

LABORATORY TEST DATA

DEPTH (feet)	SAMPLES			SPT N-Value ¹	LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
	Sampler Type	Sample	Blows/6"									
Ground Surface Elevation: 10.1 feet ²												
1	HA					8 inches topsoil						
2	HA				SM	SILTY SAND with GRAVEL (SM) dark brown, loose, dry, fine- to coarse-grained, fine to coarse subangular to subrounded gravel, organic odor [FILL]						
3	HA											
4	HA				SC	CLAYEY SAND (SC) brown, loose, dry to moist, fine- to medium-grained, brick fragments, trace organics [FILL]						
5						yellow-brown to dark brown, trace fine subrounded gravel				20	17.5	
6	SPT		1	5	SM	SILTY SAND (SM) light-brown with gray and yellow-brown mottling, loose, moist, fine- to medium-grained [FILL]						
7			2									
8	SPT		3	20		SILTY SAND (SM) yellow-brown to brown, medium dense increased silt content				22	18.4	
9			7									
10	SPT		9	24		▽ brown with gray mottling, wet (5/29/20, 8:30 a.m.)						
11			11									
12												
13												
14												
15	SPT		7	38	SM	gray-brown to yellow-brown, dense, wet					19.0	
16			16									
17			16									
18												
19												
20												
21	SPT		12	48		fine- to medium-grained					18.1	
22			20									
23			20									
24												
25						CLAYEY SILTY SAND (SC-SM) yellow-brown, loose to medium dense, wet, fine- to medium-grained LL = 19, PI = 6, See Figure D-1						
26	SPT		2	10	SC-SM					26.1	16.5	
27			4									
28			4									
29					SM	SILTY SAND (SM) yellow-brown, dense, wet, fine- to medium-grained, trace clay						
30												

TEST GEOTECH LOG 750664801-1666 7TH ST GEO.GPJ TR.GDT 8/13/20

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Project No.: 750664801

Figure: B-1a

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring B-1

DEPTH (feet)	SAMPLES				LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA						
	Sampler Type	Sample	Blows/6"	SPT N-Value ¹			Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft	
31	SPT		3	19	SM	SILTY SAND (SM) (continued)							
32			22	49									
33													
34													
35													
36													
37													
38													
39													
40	SPT		5	13	SM	very dense							
41			20	40									
42													
43													
44													
45													
46													
47													
48													
49													
50	SPT		7	14									
51			32	55									
52													
53													
54													
55													
56													
57													
58													
59													
60													

DRAFT

TEST GEOTECH LOG 750664801-1666 7TH ST GEO.GPJ TR.GDT 8/13/20

Boring terminated at a depth of 51.5 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at 10 feet below ground surface during drilling.
HA = Hand Auger.

¹ SPT blow counts were converted to SPT N-Values using a correction factors of 1.2, respectively to account for sampler type and hammer energy.
² Elevations based on 'Boundary & Topographic Survey' by Bay Area Land Survey Inc. dated June 2016, Oakland City Datum.



PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring B-2

Boring location: See Site Plan, Figure 2

Logged by: N. Jose
Drilled By: Gregg Drilling

Date started: 5/29/20

Date finished: 5/29/20

Drilling method: Hollow Stem Auger

Hammer weight/drop: 140 lbs./30 inches

Hammer type: Automatic Safety

Samplers: Standard Penetration Test (SPT)

LABORATORY TEST DATA

DEPTH (feet)	SAMPLES			SPT N-Value ¹	LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
	Sampler Type	Sample	Blows/6"									
Ground Surface Elevation: 9.2 feet ²												
1	HA					6 inches topsoil						
2	HA				SM	SILTY SAND with GRAVEL (SM) red-brown to brown, loose, moist, fine- to medium-grained, fine subangular to subrounded gravel, wood debris [FILL] yellow-brown					8.5	
3	HA											
4	HA											
5	SPT		5 9	26								
6	SPT		9 13			SILTY SAND (SM) gray-brown to yellow-brown with orange mottling, medium dense, moist, fine- to medium-grained				29.5	19.0	
7	SPT		5 9	24		yellow-brown with gray-brown mottling (5/29/20, 12:13 p.m.)						
8	SPT		9 11			medium dense to dense						
9												
10	SPT		6 11	30								
11					SM							
12												
13												
14												
15	SPT		6 8	26		yellow-brown with orange and gray-brown mottling, medium dense				14	19.8	
16												
17												
18												
19												
20	SPT		3 4	10	SC-SM	CLAYEY SILTY SAND (SC - SM) yellow-brown with orange and gray-brown mottling, loose to medium dense, wet, fine- to medium-grained LL = 18, PI = 6, See Figure D-1				35.1	17.1	
21												
22	SPT		0 0	4	SP-SM	SAND with SILT (SP-SM) yellow-brown with orange mottling, loose, wet, fine- to medium grained PI = Non Plastic, See Figure D-1				8.6	20.3	
23												
24	SPT		6 9	35		SILTY SAND (SM) gray-brown, dense, wet, fine- to medium-grained						
25												
26	SPT		9 20									
27												
28	SPT		11 23	60	SM	very dense						
29												
30												

TEST GEOTECH LOG 750664801-1666 7TH ST GEO.GPJ TR.GDT 8/13/20

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Project No.: 750664801

Figure: B-2a

PROJECT:

1666 7TH STREET
Oakland, California

Log of Boring B-2

PAGE 2 OF 2

DEPTH (feet)	SAMPLES				LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA						
	Sampler Type	Sample	Blows/6"	SPT N-Value ¹			Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft	
31	SPT		10	46	SM	<p>SILTY SAND (SM) (continued)</p> <p>yellow-brown to gray-brown, dense, wet, fine- to medium-grained</p>							
32			13										
33			25										
34													
35													
36													
37													
38													
39													
40	SPT		11	48									
41			15										
42			25										
43													
44													
45	SPT		5	28*		<p>PI = Non Plastic, See Figure D-1</p>			17.1	20.5			
46			9										
47			14			<p>At 45 feet bgs, driller encountered heaving sands entering the hollow stem auger. SPT sampler could not be driven at the target depth of 50 feet bgs.</p>							
48													
49						<p>Driller drilled to a depth of 53 feet bgs, but soil samples could not be collected due to the presence of heaving sands.</p>							
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													

TEST GEOTECH LOG 750664801-1666 7TH ST.GEO.GPJ TR.GDT 8/13/20

Boring terminated at a depth of 53 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at 10 feet below ground surface during drilling.
HA = Hand Auger.

¹ SPT blow counts were converted to SPT N-Values using a correction factors of 1.2, respectively to account for sampler type and hammer energy.
² Blow Count may be disturbed - heaving sands likely present in the hollow stem auger.
³ Elevations based on 'Boundary & Topographic Survey' by Bay Area Land Survey Inc. dated June 2016, Oakland City Datum.

LANGAN

Project No.:
750664801

Figure:
B-2b

UNIFIED SOIL CLASSIFICATION SYSTEM

Major Divisions		Symbols	Typical Names
Coarse-Grained Soils (more than half of soil > no. 200 sieve size)	Gravels (More than half of coarse fraction > no. 4 sieve size)	GW	Well-graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than half of coarse fraction < no. 4 sieve size)	SW	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
Fine-Grained Soils (more than half of soil < no. 200 sieve size)	Silts and Clays LL = < 50	ML	Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	Silts and Clays LL = > 50	MH	Inorganic silts of high plasticity
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic silts and clays of high plasticity
Highly Organic Soils		PT	Peat and other highly organic soils

SAMPLE DESIGNATIONS/SYMBOLS

GRAIN SIZE CHART		
Classification	Range of Grain Sizes	
	U.S. Standard Sieve Size	Grain Size in Millimeters
Boulders	Above 12"	Above 305
Cobbles	12" to 3"	305 to 76.2
Gravel coarse fine	3" to No. 4 3" to 3/4" 3/4" to No. 4	76.2 to 4.76 76.2 to 19.1 19.1 to 4.76
Sand coarse medium fine	No. 4 to No. 200 No. 4 to No. 10 No. 10 to No. 40 No. 40 to No. 200	4.76 to 0.075 4.76 to 2.00 2.00 to 0.420 0.420 to 0.075
Silt and Clay	Below No. 200	Below 0.075

- Sample taken with Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter. Darkened area indicates soil recovered
- Classification sample taken with Standard Penetration Test sampler
- Undisturbed sample taken with thin-walled tube
- Disturbed sample
- Sampling attempted with no recovery
- Core sample
- Analytical laboratory sample
- Sample taken with Direct Push or Drive sampler
- Sonic

- Unstabilized groundwater level
- Stabilized groundwater level

SAMPLER TYPE

- C Core barrel
- CA California split-barrel sampler with 2.5-inch outside diameter and a 1.93-inch inside diameter
- D&M Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube
- O Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube
- PT Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube
- S&H Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter
- SPT Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.5-inch inside diameter
- ST Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

LANGAN

Langan Engineering and Environmental Services, Inc.
501 14th Street, 3rd Floor
Oakland, CA 94612

T: 510.874.7000 F: 510.874.7001 www.langan.com

Project
1666 7TH STREET
OAKLAND
ALAMEDA COUNTY CALIFORNIA

Drawing Title
SOIL CLASSIFICATION CHART

Project No. 750664801
Date 06/15/2020
Drawn By AG
Checked By RN

Figure
B-3

APPENDIX B
CERTIFIED ANALYTICAL LABORATORY REPORTS

DRAFT



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2006034

Report Created for: Langan

501 14th Street, 3rd Floor
Oakland, CA 94612

Project Contact: Adam Brown

Project P.O.:

Project: 750664801; 1666 7th St.

Project Received: 06/01/2020

Analytical Report reviewed & approved for release on 06/09/2020 by:

Jennifer Lagerbom
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 7th St.
WorkOrder: 2006034

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 7th St.
WorkOrder: 2006034

Analytical Qualifiers

A	The reported value is determined using a "single point" calibration by GC-ECD as allowed by the method.
B	Analyte detected in the associated Method Blank and in the sample
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
P	Agreement between quantitative confirmation results exceed method recommended limits
S	Spike recovery outside accepted recovery limits
a1	Sample diluted due to matrix interference
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c2	Surrogate recovery outside of the control limits due to matrix interference.
c3	The efficiency of elemental Platinum & Gold recovery by our digestion method is unknown but is suspected to be low to very low
d1	Weakly modified or unmodified gasoline is significant
d7	Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9	No recognizable pattern
e2	Diesel range compounds are significant; no recognizable pattern
e7	Oil range compounds are significant
e8	Pattern resembles kerosene/kerosene range/jet fuel range
h7	Copper (EPA 3660B) cleanup

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC23 06082008.d	199616

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00010	1	06/08/2020 16:47
a-BHC	ND		0.00010	1	06/08/2020 16:47
b-BHC	ND		0.00030	1	06/08/2020 16:47
d-BHC	ND		0.00020	1	06/08/2020 16:47
g-BHC	ND		0.00010	1	06/08/2020 16:47
Chlordane (Technical)	ND		0.0025	1	06/08/2020 16:47
a-Chlordane	0.00015	P	0.00010	1	06/08/2020 16:47
g-Chlordane	0.00024		0.00010	1	06/08/2020 16:47
p,p-DDD	ND		0.00010	1	06/08/2020 16:47
p,p-DDE	0.00057		0.00010	1	06/08/2020 16:47
p,p-DDT	0.00090		0.00010	1	06/08/2020 16:47
Dieldrin	ND		0.00010	1	06/08/2020 16:47
Endosulfan I	ND		0.00010	1	06/08/2020 16:47
Endosulfan II	ND		0.00010	1	06/08/2020 16:47
Endosulfan sulfate	ND		0.00010	1	06/08/2020 16:47
Endrin	ND		0.00010	1	06/08/2020 16:47
Endrin aldehyde	ND		0.00010	1	06/08/2020 16:47
Endrin ketone	ND		0.00010	1	06/08/2020 16:47
Heptachlor	ND		0.00010	1	06/08/2020 16:47
Heptachlor epoxide	ND		0.00010	1	06/08/2020 16:47
Hexachlorobenzene	ND		0.0010	1	06/08/2020 16:47
Hexachlorocyclopentadiene	ND		0.0020	1	06/08/2020 16:47
Methoxychlor	ND		0.00020	1	06/08/2020 16:47
Toxaphene	ND		0.0050	1	06/08/2020 16:47
Aroclor1016	ND		0.0050	1	06/08/2020 16:47
Aroclor1221	ND		0.0050	1	06/08/2020 16:47
Aroclor1232	ND		0.0050	1	06/08/2020 16:47
Aroclor1242	ND		0.0050	1	06/08/2020 16:47
Aroclor1248	ND		0.0050	1	06/08/2020 16:47
Aroclor1254	0.0095	A	0.0050	1	06/08/2020 16:47
Aroclor1260	ND		0.0050	1	06/08/2020 16:47
PCBs, total	0.0095		0.0050	1	06/08/2020 16:47

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	99	20-145	06/08/2020 16:47

Analyst(s): LT

Analytical Comments: h7

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC23 06052014.d	199616

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00010	1	06/05/2020 16:55
a-BHC	ND		0.00010	1	06/05/2020 16:55
b-BHC	ND		0.00030	1	06/05/2020 16:55
d-BHC	ND		0.00020	1	06/05/2020 16:55
g-BHC	ND		0.00010	1	06/05/2020 16:55
Chlordane (Technical)	ND		0.0025	1	06/05/2020 16:55
a-Chlordane	ND		0.00010	1	06/05/2020 16:55
g-Chlordane	0.00016		0.00010	1	06/05/2020 16:55
p,p-DDD	ND		0.00010	1	06/05/2020 16:55
p,p-DDE	0.00015	P	0.00010	1	06/05/2020 16:55
p,p-DDT	0.00072		0.00010	1	06/05/2020 16:55
Dieldrin	ND		0.00010	1	06/05/2020 16:55
Endosulfan I	ND		0.00010	1	06/05/2020 16:55
Endosulfan II	ND		0.00010	1	06/05/2020 16:55
Endosulfan sulfate	ND		0.00010	1	06/05/2020 16:55
Endrin	ND		0.00010	1	06/05/2020 16:55
Endrin aldehyde	ND		0.00010	1	06/05/2020 16:55
Endrin ketone	ND		0.00010	1	06/05/2020 16:55
Heptachlor	ND		0.00010	1	06/05/2020 16:55
Heptachlor epoxide	ND		0.00010	1	06/05/2020 16:55
Hexachlorobenzene	ND		0.0010	1	06/05/2020 16:55
Hexachlorocyclopentadiene	ND		0.0020	1	06/05/2020 16:55
Methoxychlor	ND		0.00020	1	06/05/2020 16:55
Toxaphene	ND		0.0050	1	06/05/2020 16:55
Aroclor1016	ND		0.0050	1	06/05/2020 16:55
Aroclor1221	ND		0.0050	1	06/05/2020 16:55
Aroclor1232	ND		0.0050	1	06/05/2020 16:55
Aroclor1242	ND		0.0050	1	06/05/2020 16:55
Aroclor1248	ND		0.0050	1	06/05/2020 16:55
Aroclor1254	0.0058	A	0.0050	1	06/05/2020 16:55
Aroclor1260	ND		0.0050	1	06/05/2020 16:55
PCBs, total	0.0058		0.0050	1	06/05/2020 16:55

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	123	20-145	06/05/2020 16:55

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC23 06082009.d	199616

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0020	20	06/08/2020 17:03
a-BHC	ND	0.0020	20	06/08/2020 17:03
b-BHC	ND	0.0060	20	06/08/2020 17:03
d-BHC	ND	0.0040	20	06/08/2020 17:03
g-BHC	ND	0.0020	20	06/08/2020 17:03
Chlordane (Technical)	ND	0.050	20	06/08/2020 17:03
a-Chlordane	ND	0.0020	20	06/08/2020 17:03
g-Chlordane	ND	0.0020	20	06/08/2020 17:03
p,p-DDD	ND	0.0020	20	06/08/2020 17:03
p,p-DDE	ND	0.0020	20	06/08/2020 17:03
p,p-DDT	0.010	0.0020	20	06/08/2020 17:03
Dieldrin	ND	0.0020	20	06/08/2020 17:03
Endosulfan I	ND	0.0020	20	06/08/2020 17:03
Endosulfan II	ND	0.0020	20	06/08/2020 17:03
Endosulfan sulfate	ND	0.0020	20	06/08/2020 17:03
Endrin	ND	0.0020	20	06/08/2020 17:03
Endrin aldehyde	ND	0.0020	20	06/08/2020 17:03
Endrin ketone	ND	0.0020	20	06/08/2020 17:03
Heptachlor	ND	0.0020	20	06/08/2020 17:03
Heptachlor epoxide	ND	0.0020	20	06/08/2020 17:03
Hexachlorobenzene	ND	0.020	20	06/08/2020 17:03
Hexachlorocyclopentadiene	ND	0.040	20	06/08/2020 17:03
Methoxychlor	ND	0.0040	20	06/08/2020 17:03
Toxaphene	ND	0.10	20	06/08/2020 17:03
Aroclor1016	ND	0.10	20	06/08/2020 17:03
Aroclor1221	ND	0.10	20	06/08/2020 17:03
Aroclor1232	ND	0.10	20	06/08/2020 17:03
Aroclor1242	ND	0.10	20	06/08/2020 17:03
Aroclor1248	ND	0.10	20	06/08/2020 17:03
Aroclor1254	ND	0.10	20	06/08/2020 17:03
Aroclor1260	ND	0.10	20	06/08/2020 17:03
PCBs, total	ND	0.10	20	06/08/2020 17:03

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
Decachlorobiphenyl	172	S	20-145	06/08/2020 17:03

Analyst(s): LT

Analytical Comments: c1

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC23 06052016.d	199616

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/05/2020 17:27
a-BHC	ND	0.00010	1	06/05/2020 17:27
b-BHC	ND	0.00030	1	06/05/2020 17:27
d-BHC	ND	0.00020	1	06/05/2020 17:27
g-BHC	ND	0.00010	1	06/05/2020 17:27
Chlordane (Technical)	ND	0.0025	1	06/05/2020 17:27
a-Chlordane	0.00057	0.00010	1	06/05/2020 17:27
g-Chlordane	0.00061	0.00010	1	06/05/2020 17:27
p,p-DDD	0.00023	0.00010	1	06/05/2020 17:27
p,p-DDE	0.0018	0.00010	1	06/05/2020 17:27
p,p-DDT	0.0086	0.00010	1	06/05/2020 17:27
Dieldrin	0.00053	0.00010	1	06/05/2020 17:27
Endosulfan I	ND	0.00010	1	06/05/2020 17:27
Endosulfan II	ND	0.00010	1	06/05/2020 17:27
Endosulfan sulfate	ND	0.00010	1	06/05/2020 17:27
Endrin	ND	0.00010	1	06/05/2020 17:27
Endrin aldehyde	ND	0.00010	1	06/05/2020 17:27
Endrin ketone	ND	0.00010	1	06/05/2020 17:27
Heptachlor	ND	0.00010	1	06/05/2020 17:27
Heptachlor epoxide	ND	0.00010	1	06/05/2020 17:27
Hexachlorobenzene	ND	0.0010	1	06/05/2020 17:27
Hexachlorocyclopentadiene	ND	0.0020	1	06/05/2020 17:27
Methoxychlor	ND	0.00020	1	06/05/2020 17:27
Toxaphene	ND	0.0050	1	06/05/2020 17:27
Aroclor1016	ND	0.0050	1	06/05/2020 17:27
Aroclor1221	ND	0.0050	1	06/05/2020 17:27
Aroclor1232	ND	0.0050	1	06/05/2020 17:27
Aroclor1242	ND	0.0050	1	06/05/2020 17:27
Aroclor1248	ND	0.0050	1	06/05/2020 17:27
Aroclor1254	ND	0.0050	1	06/05/2020 17:27
Aroclor1260	ND	0.0050	1	06/05/2020 17:27
PCBs, total	ND	0.0050	1	06/05/2020 17:27

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	105	20-145	06/05/2020 17:27

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC23 06082010.d	199616

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/08/2020 17:19
a-BHC	ND	0.00010	1	06/08/2020 17:19
b-BHC	ND	0.00030	1	06/08/2020 17:19
d-BHC	ND	0.00020	1	06/08/2020 17:19
g-BHC	ND	0.00010	1	06/08/2020 17:19
Chlordane (Technical)	ND	0.0025	1	06/08/2020 17:19
a-Chlordane	ND	0.00010	1	06/08/2020 17:19
g-Chlordane	ND	0.00010	1	06/08/2020 17:19
p,p-DDD	ND	0.00010	1	06/08/2020 17:19
p,p-DDE	0.00042	0.00010	1	06/08/2020 17:19
p,p-DDT	0.00080	0.00010	1	06/08/2020 17:19
Dieldrin	ND	0.00010	1	06/08/2020 17:19
Endosulfan I	ND	0.00010	1	06/08/2020 17:19
Endosulfan II	ND	0.00010	1	06/08/2020 17:19
Endosulfan sulfate	ND	0.00010	1	06/08/2020 17:19
Endrin	ND	0.00010	1	06/08/2020 17:19
Endrin aldehyde	ND	0.00010	1	06/08/2020 17:19
Endrin ketone	ND	0.00010	1	06/08/2020 17:19
Heptachlor	ND	0.00010	1	06/08/2020 17:19
Heptachlor epoxide	ND	0.00010	1	06/08/2020 17:19
Hexachlorobenzene	ND	0.0010	1	06/08/2020 17:19
Hexachlorocyclopentadiene	ND	0.0020	1	06/08/2020 17:19
Methoxychlor	ND	0.00020	1	06/08/2020 17:19
Toxaphene	ND	0.0050	1	06/08/2020 17:19
Aroclor1016	ND	0.0050	1	06/08/2020 17:19
Aroclor1221	ND	0.0050	1	06/08/2020 17:19
Aroclor1232	ND	0.0050	1	06/08/2020 17:19
Aroclor1242	ND	0.0050	1	06/08/2020 17:19
Aroclor1248	ND	0.0050	1	06/08/2020 17:19
Aroclor1254	ND	0.0050	1	06/08/2020 17:19
Aroclor1260	ND	0.0050	1	06/08/2020 17:19
PCBs, total	ND	0.0050	1	06/08/2020 17:19

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	124	20-145	06/08/2020 17:19

Analyst(s): LT



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC25 F0603200217.D	199412
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Alachlor	ND		5.0 50		06/03/2020 21:44
Atrazine	ND		5.0 50		06/03/2020 21:44
Azinphos methyl (Guthion)	ND		5.0 50		06/03/2020 21:44
Bolstar (Sulprofos)	ND		5.0 50		06/03/2020 21:44
Chlorpyrifos	ND		5.0 50		06/03/2020 21:44
Coumaphos	ND		5.0 50		06/03/2020 21:44
Demeton	ND		5.0 50		06/03/2020 21:44
Diazinon	ND		5.0 50		06/03/2020 21:44
Dichlorvos (DDVP)	ND		5.0 50		06/03/2020 21:44
Dimethoate	ND		5.0 50		06/03/2020 21:44
Disulfoton (Di-Syston)	ND		5.0 50		06/03/2020 21:44
EPN	ND		5.0 50		06/03/2020 21:44
EPTC	ND		5.0 50		06/03/2020 21:44
Ethion	ND		5.0 50		06/03/2020 21:44
Ethoprop	ND		5.0 50		06/03/2020 21:44
Ethyl parathion	ND		5.0 50		06/03/2020 21:44
Fensulfothion	ND		5.0 50		06/03/2020 21:44
Fenthion	ND		5.0 50		06/03/2020 21:44
Fonofos	ND		5.0 50		06/03/2020 21:44
Malathion	ND		5.0 50		06/03/2020 21:44
Mevinphos (Phosdrin)	ND		5.0 50		06/03/2020 21:44
Molinate	ND		5.0 50		06/03/2020 21:44
Methyl parathion	ND		5.0 50		06/03/2020 21:44
Phorate (Thimet)	ND		5.0 50		06/03/2020 21:44
Prometon	ND		5.0 50		06/03/2020 21:44
Ronnel	ND		5.0 50		06/03/2020 21:44
Simazine	ND		5.0 50		06/03/2020 21:44
Stirofos (Tetrachlorvinphos)	ND		5.0 50		06/03/2020 21:44
Terbacil	ND		5.0 50		06/03/2020 21:44
Terbufos (Terbuphos)	ND		5.0 50		06/03/2020 21:44
Thiobencarb	ND		5.0 50		06/03/2020 21:44
Tokuthion (Prothiofos)	ND		5.0 50		06/03/2020 21:44
Trichloronate (Agritox)	ND		5.0 50		06/03/2020 21:44

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC25 F0603200217.D	199412

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
1-Bromo-2-Nitrobenzene	0	S	60-140	06/03/2020 21:44

Analyst(s): STA **Analytical Comments:** a1,c1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC25 F0603200218.D	199412
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Alachlor	ND		1.0 10		06/03/2020 22:10
Atrazine	ND		1.0 10		06/03/2020 22:10
Azinphos methyl (Guthion)	ND		1.0 10		06/03/2020 22:10
Bolstar (Sulprofos)	ND		1.0 10		06/03/2020 22:10
Chlorpyrifos	ND		1.0 10		06/03/2020 22:10
Coumaphos	ND		1.0 10		06/03/2020 22:10
Demeton	ND		1.0 10		06/03/2020 22:10
Diazinon	ND		1.0 10		06/03/2020 22:10
Dichlorvos (DDVP)	ND		1.0 10		06/03/2020 22:10
Dimethoate	ND		1.0 10		06/03/2020 22:10
Disulfoton (Di-Syston)	ND		1.0 10		06/03/2020 22:10
EPN	ND		1.0 10		06/03/2020 22:10
EPTC	ND		1.0 10		06/03/2020 22:10
Ethion	ND		1.0 10		06/03/2020 22:10
Ethoprop	ND		1.0 10		06/03/2020 22:10
Ethyl parathion	ND		1.0 10		06/03/2020 22:10
Fensulfothion	ND		1.0 10		06/03/2020 22:10
Fenthion	ND		1.0 10		06/03/2020 22:10
Fonofos	ND		1.0 10		06/03/2020 22:10
Malathion	ND		1.0 10		06/03/2020 22:10
Mevinphos (Phosdrin)	ND		1.0 10		06/03/2020 22:10
Molinate	ND		1.0 10		06/03/2020 22:10
Methyl parathion	ND		1.0 10		06/03/2020 22:10
Phorate (Thimet)	ND		1.0 10		06/03/2020 22:10
Prometon	ND		1.0 10		06/03/2020 22:10
Ronnel	ND		1.0 10		06/03/2020 22:10
Simazine	ND		1.0 10		06/03/2020 22:10
Stirofos (Tetrachlorvinphos)	ND		1.0 10		06/03/2020 22:10
Terbacil	ND		1.0 10		06/03/2020 22:10
Terbufos (Terbuphos)	ND		1.0 10		06/03/2020 22:10
Thiobencarb	ND		1.0 10		06/03/2020 22:10
Tokuthion (Prothiofos)	ND		1.0 10		06/03/2020 22:10
Trichloronate (Agritox)	ND		1.0 10		06/03/2020 22:10

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC25 F0603200218.D	199412

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Limits	Date Analyzed
1-Bromo-2-Nitrobenzene	117	60-140	06/03/2020 22:10

Analyst(s): STA **Analytical Comments:** a1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC25 F0603200219.D	199412
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Alachlor	ND		5.0 50		06/03/2020 22:37
Atrazine	ND		5.0 50		06/03/2020 22:37
Azinphos methyl (Guthion)	ND		5.0 50		06/03/2020 22:37
Bolstar (Sulprofos)	ND		5.0 50		06/03/2020 22:37
Chlorpyrifos	ND		5.0 50		06/03/2020 22:37
Coumaphos	ND		5.0 50		06/03/2020 22:37
Demeton	ND		5.0 50		06/03/2020 22:37
Diazinon	ND		5.0 50		06/03/2020 22:37
Dichlorvos (DDVP)	ND		5.0 50		06/03/2020 22:37
Dimethoate	ND		5.0 50		06/03/2020 22:37
Disulfoton (Di-Syston)	ND		5.0 50		06/03/2020 22:37
EPN	ND		5.0 50		06/03/2020 22:37
EPTC	ND		5.0 50		06/03/2020 22:37
Ethion	ND		5.0 50		06/03/2020 22:37
Ethoprop	ND		5.0 50		06/03/2020 22:37
Ethyl parathion	ND		5.0 50		06/03/2020 22:37
Fensulfothion	ND		5.0 50		06/03/2020 22:37
Fenthion	ND		5.0 50		06/03/2020 22:37
Fonofos	ND		5.0 50		06/03/2020 22:37
Malathion	ND		5.0 50		06/03/2020 22:37
Mevinphos (Phosdrin)	ND		5.0 50		06/03/2020 22:37
Molinate	ND		5.0 50		06/03/2020 22:37
Methyl parathion	ND		5.0 50		06/03/2020 22:37
Phorate (Thimet)	ND		5.0 50		06/03/2020 22:37
Prometon	ND		5.0 50		06/03/2020 22:37
Ronnel	ND		5.0 50		06/03/2020 22:37
Simazine	ND		5.0 50		06/03/2020 22:37
Stirofos (Tetrachlorvinphos)	ND		5.0 50		06/03/2020 22:37
Terbacil	ND		5.0 50		06/03/2020 22:37
Terbufos (Terbuphos)	ND		5.0 50		06/03/2020 22:37
Thiobencarb	ND		5.0 50		06/03/2020 22:37
Tokuthion (Prothiofos)	ND		5.0 50		06/03/2020 22:37
Trichloronate (Agritox)	ND		5.0 50		06/03/2020 22:37

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC25 F0603200219.D	199412

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
1-Bromo-2-Nitrobenzene	0	S	60-140	06/03/2020 22:37

Analyst(s): STA **Analytical Comments:** a1,c3



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC25 F0603200220.D	199412
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Alachlor	ND		5.0 50		06/03/2020 23:04
Atrazine	ND		5.0 50		06/03/2020 23:04
Azinphos methyl (Guthion)	ND		5.0 50		06/03/2020 23:04
Bolstar (Sulprofos)	ND		5.0 50		06/03/2020 23:04
Chlorpyrifos	ND		5.0 50		06/03/2020 23:04
Coumaphos	ND		5.0 50		06/03/2020 23:04
Demeton	ND		5.0 50		06/03/2020 23:04
Diazinon	ND		5.0 50		06/03/2020 23:04
Dichlorvos (DDVP)	ND		5.0 50		06/03/2020 23:04
Dimethoate	ND		5.0 50		06/03/2020 23:04
Disulfoton (Di-Syston)	ND		5.0 50		06/03/2020 23:04
EPN	ND		5.0 50		06/03/2020 23:04
EPTC	ND		5.0 50		06/03/2020 23:04
Ethion	ND		5.0 50		06/03/2020 23:04
Ethoprop	ND		5.0 50		06/03/2020 23:04
Ethyl parathion	ND		5.0 50		06/03/2020 23:04
Fensulfothion	ND		5.0 50		06/03/2020 23:04
Fenthion	ND		5.0 50		06/03/2020 23:04
Fonofos	ND		5.0 50		06/03/2020 23:04
Malathion	ND		5.0 50		06/03/2020 23:04
Mevinphos (Phosdrin)	ND		5.0 50		06/03/2020 23:04
Molinate	ND		5.0 50		06/03/2020 23:04
Methyl parathion	ND		5.0 50		06/03/2020 23:04
Phorate (Thimet)	ND		5.0 50		06/03/2020 23:04
Prometon	ND		5.0 50		06/03/2020 23:04
Ronnel	ND		5.0 50		06/03/2020 23:04
Simazine	ND		5.0 50		06/03/2020 23:04
Stirofos (Tetrachlorvinphos)	ND		5.0 50		06/03/2020 23:04
Terbacil	ND		5.0 50		06/03/2020 23:04
Terbufos (Terbuphos)	ND		5.0 50		06/03/2020 23:04
Thiobencarb	ND		5.0 50		06/03/2020 23:04
Tokuthion (Prothiofos)	ND		5.0 50		06/03/2020 23:04
Trichloronate (Agritox)	ND		5.0 50		06/03/2020 23:04

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC25 F0603200220.D	199412

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
1-Bromo-2-Nitrobenzene	0	S	60-140	06/03/2020 23:04

Analyst(s): STA **Analytical Comments:** a1,c3



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC25 F0603200221.D	199412
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Alachlor	ND		0.10 1		06/03/2020 23:31
Atrazine	ND		0.10 1		06/03/2020 23:31
Azinphos methyl (Guthion)	ND		0.10 1		06/03/2020 23:31
Bolstar (Sulprofos)	ND		0.10 1		06/03/2020 23:31
Chlorpyrifos	ND		0.10 1		06/03/2020 23:31
Coumaphos	ND		0.10 1		06/03/2020 23:31
Demeton	ND		0.10 1		06/03/2020 23:31
Diazinon	ND		0.10 1		06/03/2020 23:31
Dichlorvos (DDVP)	ND		0.10 1		06/03/2020 23:31
Dimethoate	ND		0.10 1		06/03/2020 23:31
Disulfoton (Di-Syston)	ND		0.10 1		06/03/2020 23:31
EPN	ND		0.10 1		06/03/2020 23:31
EPTC	ND		0.10 1		06/03/2020 23:31
Ethion	ND		0.10 1		06/03/2020 23:31
Ethoprop	ND		0.10 1		06/03/2020 23:31
Ethyl parathion	ND		0.10 1		06/03/2020 23:31
Fensulfothion	ND		0.10 1		06/03/2020 23:31
Fenthion	ND		0.10 1		06/03/2020 23:31
Fonofos	ND		0.10 1		06/03/2020 23:31
Malathion	ND		0.10 1		06/03/2020 23:31
Mevinphos (Phosdrin)	ND		0.10 1		06/03/2020 23:31
Molinate	ND		0.10 1		06/03/2020 23:31
Methyl parathion	ND		0.10 1		06/03/2020 23:31
Phorate (Thimet)	ND		0.10 1		06/03/2020 23:31
Prometon	ND		0.10 1		06/03/2020 23:31
Ronnel	ND		0.10 1		06/03/2020 23:31
Simazine	ND		0.10 1		06/03/2020 23:31
Stirofos (Tetrachlorvinphos)	ND		0.10 1		06/03/2020 23:31
Terbacil	ND		0.10 1		06/03/2020 23:31
Terbufos (Terbuphos)	ND		0.10 1		06/03/2020 23:31
Thiobencarb	ND		0.10 1		06/03/2020 23:31
Tokuthion (Prothiofos)	ND		0.10 1		06/03/2020 23:31
Trichloronate (Agritox)	ND		0.10 1		06/03/2020 23:31

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC25 F0603200221.D	199412

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
1-Bromo-2-Nitrobenzene	81	60-140		06/03/2020 23:31

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC15A 06032009.D	199411

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/03/2020 17:35
Bentazon	ND	0.50	10	06/03/2020 17:35
Chloramben	ND	0.50	10	06/03/2020 17:35
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/03/2020 17:35
2,4-DB	ND	0.50	10	06/03/2020 17:35
Dalapon	ND	1.0	10	06/03/2020 17:35
DCPA (mono & diacid)	ND	0.50	10	06/03/2020 17:35
Dicamba	ND	0.50	10	06/03/2020 17:35
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/03/2020 17:35
Dichloroprop	ND	0.50	10	06/03/2020 17:35
Dinoseb (DNBP)	ND	0.50	10	06/03/2020 17:35
MCPA	ND	50	10	06/03/2020 17:35
MCPP	ND	50	10	06/03/2020 17:35
4-Nitrophenol	ND	0.50	10	06/03/2020 17:35
Pentachlorophenol (PCP)	ND	0.50	10	06/03/2020 17:35
Picloram	ND	0.50	10	06/03/2020 17:35
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/03/2020 17:35
2,4,5-TP (Silvex)	ND	0.50	10	06/03/2020 17:35

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	104	63-121	06/03/2020 17:35

Analyst(s): DP **Analytical Comments:** a1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC15A 06032012.D	199411

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/03/2020 18:52
Bentazon	ND	0.50	10	06/03/2020 18:52
Chloramben	ND	0.50	10	06/03/2020 18:52
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/03/2020 18:52
2,4-DB	ND	0.50	10	06/03/2020 18:52
Dalapon	ND	1.0	10	06/03/2020 18:52
DCPA (mono & diacid)	ND	0.50	10	06/03/2020 18:52
Dicamba	ND	0.50	10	06/03/2020 18:52
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/03/2020 18:52
Dichloroprop	ND	0.50	10	06/03/2020 18:52
Dinoseb (DNBP)	ND	0.50	10	06/03/2020 18:52
MCPA	ND	50	10	06/03/2020 18:52
MCPP	ND	50	10	06/03/2020 18:52
4-Nitrophenol	ND	0.50	10	06/03/2020 18:52
Pentachlorophenol (PCP)	ND	0.50	10	06/03/2020 18:52
Picloram	ND	0.50	10	06/03/2020 18:52
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/03/2020 18:52
2,4,5-TP (Silvex)	ND	0.50	10	06/03/2020 18:52

Surrogates	REC (%)	Limits	
DCAA	97	63-121	06/03/2020 18:52

Analyst(s): DP

Analytical Comments: a1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC15A 06032013.D	199411

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/03/2020 19:18
Bentazon	ND	0.50	10	06/03/2020 19:18
Chloramben	ND	0.50	10	06/03/2020 19:18
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/03/2020 19:18
2,4-DB	ND	0.50	10	06/03/2020 19:18
Dalapon	ND	1.0	10	06/03/2020 19:18
DCPA (mono & diacid)	ND	0.50	10	06/03/2020 19:18
Dicamba	ND	0.50	10	06/03/2020 19:18
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/03/2020 19:18
Dichloroprop	ND	0.50	10	06/03/2020 19:18
Dinoseb (DNBP)	ND	0.50	10	06/03/2020 19:18
MCPA	ND	50	10	06/03/2020 19:18
MCPP	ND	50	10	06/03/2020 19:18
4-Nitrophenol	ND	0.50	10	06/03/2020 19:18
Pentachlorophenol (PCP)	ND	0.50	10	06/03/2020 19:18
Picloram	ND	0.50	10	06/03/2020 19:18
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/03/2020 19:18
2,4,5-TP (Silvex)	ND	0.50	10	06/03/2020 19:18

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	110	63-121	06/03/2020 19:18

Analyst(s): DP

Analytical Comments: a1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC15A 06032014.D	199411

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/03/2020 19:43
Bentazon	ND	0.50	10	06/03/2020 19:43
Chloramben	ND	0.50	10	06/03/2020 19:43
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/03/2020 19:43
2,4-DB	ND	0.50	10	06/03/2020 19:43
Dalapon	ND	1.0	10	06/03/2020 19:43
DCPA (mono & diacid)	ND	0.50	10	06/03/2020 19:43
Dicamba	ND	0.50	10	06/03/2020 19:43
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/03/2020 19:43
Dichloroprop	ND	0.50	10	06/03/2020 19:43
Dinoseb (DNBP)	ND	0.50	10	06/03/2020 19:43
MCPA	ND	50	10	06/03/2020 19:43
MCPP	ND	50	10	06/03/2020 19:43
4-Nitrophenol	ND	0.50	10	06/03/2020 19:43
Pentachlorophenol (PCP)	ND	0.50	10	06/03/2020 19:43
Picloram	ND	0.50	10	06/03/2020 19:43
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/03/2020 19:43
2,4,5-TP (Silvex)	ND	0.50	10	06/03/2020 19:43

Surrogates	REC (%)	Limits	
DCAA	98	63-121	06/03/2020 19:43

Analyst(s): DP

Analytical Comments: a1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/03/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC15A 06032015.D	199411

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/03/2020 20:09
Bentazon	ND	0.050	1	06/03/2020 20:09
Chloramben	ND	0.050	1	06/03/2020 20:09
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/03/2020 20:09
2,4-DB	ND	0.050	1	06/03/2020 20:09
Dalapon	ND	0.10	1	06/03/2020 20:09
DCPA (mono & diacid)	ND	0.050	1	06/03/2020 20:09
Dicamba	ND	0.050	1	06/03/2020 20:09
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/03/2020 20:09
Dichloroprop	ND	0.050	1	06/03/2020 20:09
Dinoseb (DNBP)	ND	0.050	1	06/03/2020 20:09
MCPA	ND	5.0	1	06/03/2020 20:09
MCPP	ND	5.0	1	06/03/2020 20:09
4-Nitrophenol	ND	0.050	1	06/03/2020 20:09
Pentachlorophenol (PCP)	ND	0.050	1	06/03/2020 20:09
Picloram	ND	0.050	1	06/03/2020 20:09
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/03/2020 20:09
2,4,5-TP (Silvex)	ND	0.050	1	06/03/2020 20:09

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	109	63-121	06/03/2020 20:09

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC18 06062023.D	199318

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/06/2020 21:59
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/06/2020 21:59
Benzene	ND	0.0050	1	06/06/2020 21:59
Bromobenzene	ND	0.0050	1	06/06/2020 21:59
Bromochloromethane	ND	0.0050	1	06/06/2020 21:59
Bromodichloromethane	ND	0.0010	1	06/06/2020 21:59
Bromoform	ND	0.0050	1	06/06/2020 21:59
Bromomethane	ND	0.0050	1	06/06/2020 21:59
2-Butanone (MEK)	ND	0.020	1	06/06/2020 21:59
t-Butyl alcohol (TBA)	ND	0.050	1	06/06/2020 21:59
n-Butyl benzene	ND	0.0050	1	06/06/2020 21:59
sec-Butyl benzene	ND	0.0050	1	06/06/2020 21:59
tert-Butyl benzene	ND	0.0050	1	06/06/2020 21:59
Carbon Disulfide	ND	0.0050	1	06/06/2020 21:59
Carbon Tetrachloride	ND	0.0050	1	06/06/2020 21:59
Chlorobenzene	ND	0.0050	1	06/06/2020 21:59
Chloroethane	ND	0.0050	1	06/06/2020 21:59
Chloroform	ND	0.0050	1	06/06/2020 21:59
Chloromethane	ND	0.0050	1	06/06/2020 21:59
2-Chlorotoluene	ND	0.0050	1	06/06/2020 21:59
4-Chlorotoluene	ND	0.0050	1	06/06/2020 21:59
Dibromochloromethane	ND	0.0050	1	06/06/2020 21:59
1,2-Dibromo-3-chloropropane	ND	0.00042	1	06/06/2020 21:59
1,2-Dibromoethane (EDB)	ND	0.00012	1	06/06/2020 21:59
Dibromomethane	ND	0.0050	1	06/06/2020 21:59
1,2-Dichlorobenzene	ND	0.0050	1	06/06/2020 21:59
1,3-Dichlorobenzene	ND	0.0050	1	06/06/2020 21:59
1,4-Dichlorobenzene	ND	0.0050	1	06/06/2020 21:59
Dichlorodifluoromethane	ND	0.0050	1	06/06/2020 21:59
1,1-Dichloroethane	ND	0.0050	1	06/06/2020 21:59
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/06/2020 21:59
1,1-Dichloroethene	ND	0.00025	1	06/06/2020 21:59
cis-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 21:59
trans-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 21:59
1,2-Dichloropropane	ND	0.0050	1	06/06/2020 21:59
1,3-Dichloropropane	ND	0.0050	1	06/06/2020 21:59
2,2-Dichloropropane	ND	0.0050	1	06/06/2020 21:59

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC18 06062023.D	199318

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/06/2020 21:59
cis-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 21:59
trans-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 21:59
Diisopropyl ether (DIPE)	ND	0.0050	1	06/06/2020 21:59
Ethylbenzene	ND	0.0050	1	06/06/2020 21:59
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/06/2020 21:59
Freon 113	ND	0.0050	1	06/06/2020 21:59
Hexachlorobutadiene	ND	0.0050	1	06/06/2020 21:59
Hexachloroethane	ND	0.0050	1	06/06/2020 21:59
2-Hexanone	ND	0.0050	1	06/06/2020 21:59
Isopropylbenzene	ND	0.0050	1	06/06/2020 21:59
4-Isopropyl toluene	ND	0.0050	1	06/06/2020 21:59
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/06/2020 21:59
Methylene chloride	ND	0.010	1	06/06/2020 21:59
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/06/2020 21:59
Naphthalene	ND	0.0050	1	06/06/2020 21:59
n-Propyl benzene	ND	0.0050	1	06/06/2020 21:59
Styrene	ND	0.0050	1	06/06/2020 21:59
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/06/2020 21:59
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/06/2020 21:59
Tetrachloroethene	ND	0.0010	1	06/06/2020 21:59
Toluene	ND	0.0050	1	06/06/2020 21:59
1,2,3-Trichlorobenzene	ND	0.0050	1	06/06/2020 21:59
1,2,4-Trichlorobenzene	ND	0.0050	1	06/06/2020 21:59
1,1,1-Trichloroethane	ND	0.0050	1	06/06/2020 21:59
1,1,2-Trichloroethane	ND	0.0050	1	06/06/2020 21:59
Trichloroethene	ND	0.0050	1	06/06/2020 21:59
Trichlorofluoromethane	ND	0.0050	1	06/06/2020 21:59
1,2,3-Trichloropropane	ND	0.00013	1	06/06/2020 21:59
1,2,4-Trimethylbenzene	ND	0.0050	1	06/06/2020 21:59
1,3,5-Trimethylbenzene	ND	0.0050	1	06/06/2020 21:59
Vinyl Chloride	ND	0.00025	1	06/06/2020 21:59
m,p-Xylene	ND	0.0050	1	06/06/2020 21:59
o-Xylene	ND	0.0050	1	06/06/2020 21:59
Xylenes, Total	ND	0.0050	1	06/06/2020 21:59

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC18 06062023.D	199318

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	86	82-136		06/06/2020 21:59
Toluene-d8	97	92-139		06/06/2020 21:59
4-BFB	96	82-135		06/06/2020 21:59
Benzene-d6	73	55-122		06/06/2020 21:59
Ethylbenzene-d10	86	58-141		06/06/2020 21:59
1,2-DCB-d4	63	51-107		06/06/2020 21:59

Analyst(s): AK



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC18 06062024.D	199318

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/06/2020 22:38
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/06/2020 22:38
Benzene	ND	0.0050	1	06/06/2020 22:38
Bromobenzene	ND	0.0050	1	06/06/2020 22:38
Bromochloromethane	ND	0.0050	1	06/06/2020 22:38
Bromodichloromethane	ND	0.0010	1	06/06/2020 22:38
Bromoform	ND	0.0050	1	06/06/2020 22:38
Bromomethane	ND	0.0050	1	06/06/2020 22:38
2-Butanone (MEK)	ND	0.020	1	06/06/2020 22:38
t-Butyl alcohol (TBA)	ND	0.050	1	06/06/2020 22:38
n-Butyl benzene	ND	0.0050	1	06/06/2020 22:38
sec-Butyl benzene	ND	0.0050	1	06/06/2020 22:38
tert-Butyl benzene	ND	0.0050	1	06/06/2020 22:38
Carbon Disulfide	ND	0.0050	1	06/06/2020 22:38
Carbon Tetrachloride	ND	0.0050	1	06/06/2020 22:38
Chlorobenzene	ND	0.0050	1	06/06/2020 22:38
Chloroethane	ND	0.0050	1	06/06/2020 22:38
Chloroform	ND	0.0050	1	06/06/2020 22:38
Chloromethane	ND	0.0050	1	06/06/2020 22:38
2-Chlorotoluene	ND	0.0050	1	06/06/2020 22:38
4-Chlorotoluene	ND	0.0050	1	06/06/2020 22:38
Dibromochloromethane	ND	0.0050	1	06/06/2020 22:38
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/06/2020 22:38
1,2-Dibromoethane (EDB)	ND	0.00011	1	06/06/2020 22:38
Dibromomethane	ND	0.0050	1	06/06/2020 22:38
1,2-Dichlorobenzene	ND	0.0050	1	06/06/2020 22:38
1,3-Dichlorobenzene	ND	0.0050	1	06/06/2020 22:38
1,4-Dichlorobenzene	ND	0.0050	1	06/06/2020 22:38
Dichlorodifluoromethane	ND	0.0050	1	06/06/2020 22:38
1,1-Dichloroethane	ND	0.0050	1	06/06/2020 22:38
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/06/2020 22:38
1,1-Dichloroethene	ND	0.00025	1	06/06/2020 22:38
cis-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 22:38
trans-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 22:38
1,2-Dichloropropane	ND	0.0050	1	06/06/2020 22:38
1,3-Dichloropropane	ND	0.0050	1	06/06/2020 22:38
2,2-Dichloropropane	ND	0.0050	1	06/06/2020 22:38

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC18 06062024.D	199318

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/06/2020 22:38
cis-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 22:38
trans-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 22:38
Diisopropyl ether (DIPE)	ND	0.0050	1	06/06/2020 22:38
Ethylbenzene	ND	0.0050	1	06/06/2020 22:38
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/06/2020 22:38
Freon 113	ND	0.0050	1	06/06/2020 22:38
Hexachlorobutadiene	ND	0.0050	1	06/06/2020 22:38
Hexachloroethane	ND	0.0050	1	06/06/2020 22:38
2-Hexanone	ND	0.0050	1	06/06/2020 22:38
Isopropylbenzene	ND	0.0050	1	06/06/2020 22:38
4-Isopropyl toluene	ND	0.0050	1	06/06/2020 22:38
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/06/2020 22:38
Methylene chloride	ND	0.010	1	06/06/2020 22:38
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/06/2020 22:38
Naphthalene	ND	0.0050	1	06/06/2020 22:38
n-Propyl benzene	ND	0.0050	1	06/06/2020 22:38
Styrene	ND	0.0050	1	06/06/2020 22:38
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/06/2020 22:38
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/06/2020 22:38
Tetrachloroethene	ND	0.0010	1	06/06/2020 22:38
Toluene	ND	0.0050	1	06/06/2020 22:38
1,2,3-Trichlorobenzene	ND	0.0050	1	06/06/2020 22:38
1,2,4-Trichlorobenzene	ND	0.0050	1	06/06/2020 22:38
1,1,1-Trichloroethane	ND	0.0050	1	06/06/2020 22:38
1,1,2-Trichloroethane	ND	0.0050	1	06/06/2020 22:38
Trichloroethene	ND	0.0050	1	06/06/2020 22:38
Trichlorofluoromethane	ND	0.0050	1	06/06/2020 22:38
1,2,3-Trichloropropane	ND	0.00010	1	06/06/2020 22:38
1,2,4-Trimethylbenzene	ND	0.0050	1	06/06/2020 22:38
1,3,5-Trimethylbenzene	ND	0.0050	1	06/06/2020 22:38
Vinyl Chloride	ND	0.00025	1	06/06/2020 22:38
m,p-Xylene	ND	0.0050	1	06/06/2020 22:38
o-Xylene	ND	0.0050	1	06/06/2020 22:38
Xylenes, Total	ND	0.0050	1	06/06/2020 22:38

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC18 06062024.D	199318

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	86	82-136		06/06/2020 22:38
Toluene-d8	98	92-139		06/06/2020 22:38
4-BFB	97	82-135		06/06/2020 22:38
Benzene-d6	81	55-122		06/06/2020 22:38
Ethylbenzene-d10	95	58-141		06/06/2020 22:38
1,2-DCB-d4	70	51-107		06/06/2020 22:38

Analyst(s): AK



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC18 06062025.D	199318

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/06/2020 23:18
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/06/2020 23:18
Benzene	ND	0.0050	1	06/06/2020 23:18
Bromobenzene	ND	0.0050	1	06/06/2020 23:18
Bromochloromethane	ND	0.0050	1	06/06/2020 23:18
Bromodichloromethane	ND	0.0010	1	06/06/2020 23:18
Bromoform	ND	0.0050	1	06/06/2020 23:18
Bromomethane	ND	0.0050	1	06/06/2020 23:18
2-Butanone (MEK)	ND	0.020	1	06/06/2020 23:18
t-Butyl alcohol (TBA)	ND	0.050	1	06/06/2020 23:18
n-Butyl benzene	ND	0.0050	1	06/06/2020 23:18
sec-Butyl benzene	ND	0.0050	1	06/06/2020 23:18
tert-Butyl benzene	ND	0.0050	1	06/06/2020 23:18
Carbon Disulfide	ND	0.0050	1	06/06/2020 23:18
Carbon Tetrachloride	ND	0.0050	1	06/06/2020 23:18
Chlorobenzene	ND	0.0050	1	06/06/2020 23:18
Chloroethane	ND	0.0050	1	06/06/2020 23:18
Chloroform	ND	0.0050	1	06/06/2020 23:18
Chloromethane	ND	0.0050	1	06/06/2020 23:18
2-Chlorotoluene	ND	0.0050	1	06/06/2020 23:18
4-Chlorotoluene	ND	0.0050	1	06/06/2020 23:18
Dibromochloromethane	ND	0.0050	1	06/06/2020 23:18
1,2-Dibromo-3-chloropropane	ND	0.00038	1	06/06/2020 23:18
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/06/2020 23:18
Dibromomethane	ND	0.0050	1	06/06/2020 23:18
1,2-Dichlorobenzene	ND	0.0050	1	06/06/2020 23:18
1,3-Dichlorobenzene	ND	0.0050	1	06/06/2020 23:18
1,4-Dichlorobenzene	ND	0.0050	1	06/06/2020 23:18
Dichlorodifluoromethane	ND	0.0050	1	06/06/2020 23:18
1,1-Dichloroethane	ND	0.0050	1	06/06/2020 23:18
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/06/2020 23:18
1,1-Dichloroethene	ND	0.00025	1	06/06/2020 23:18
cis-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 23:18
trans-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 23:18
1,2-Dichloropropane	ND	0.0050	1	06/06/2020 23:18
1,3-Dichloropropane	ND	0.0050	1	06/06/2020 23:18
2,2-Dichloropropane	ND	0.0050	1	06/06/2020 23:18

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC18 06062025.D	199318

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/06/2020 23:18
cis-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 23:18
trans-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 23:18
Diisopropyl ether (DIPE)	ND	0.0050	1	06/06/2020 23:18
Ethylbenzene	ND	0.0050	1	06/06/2020 23:18
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/06/2020 23:18
Freon 113	ND	0.0050	1	06/06/2020 23:18
Hexachlorobutadiene	ND	0.0050	1	06/06/2020 23:18
Hexachloroethane	ND	0.0050	1	06/06/2020 23:18
2-Hexanone	ND	0.0050	1	06/06/2020 23:18
Isopropylbenzene	ND	0.0050	1	06/06/2020 23:18
4-Isopropyl toluene	ND	0.0050	1	06/06/2020 23:18
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/06/2020 23:18
Methylene chloride	ND	0.010	1	06/06/2020 23:18
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/06/2020 23:18
Naphthalene	ND	0.0050	1	06/06/2020 23:18
n-Propyl benzene	ND	0.0050	1	06/06/2020 23:18
Styrene	ND	0.0050	1	06/06/2020 23:18
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/06/2020 23:18
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/06/2020 23:18
Tetrachloroethene	ND	0.0010	1	06/06/2020 23:18
Toluene	ND	0.0050	1	06/06/2020 23:18
1,2,3-Trichlorobenzene	ND	0.0050	1	06/06/2020 23:18
1,2,4-Trichlorobenzene	ND	0.0050	1	06/06/2020 23:18
1,1,1-Trichloroethane	ND	0.0050	1	06/06/2020 23:18
1,1,2-Trichloroethane	ND	0.0050	1	06/06/2020 23:18
Trichloroethene	ND	0.0050	1	06/06/2020 23:18
Trichlorofluoromethane	ND	0.0050	1	06/06/2020 23:18
1,2,3-Trichloropropane	ND	0.00010	1	06/06/2020 23:18
1,2,4-Trimethylbenzene	ND	0.0050	1	06/06/2020 23:18
1,3,5-Trimethylbenzene	ND	0.0050	1	06/06/2020 23:18
Vinyl Chloride	ND	0.00025	1	06/06/2020 23:18
m,p-Xylene	ND	0.0050	1	06/06/2020 23:18
o-Xylene	ND	0.0050	1	06/06/2020 23:18
Xylenes, Total	ND	0.0050	1	06/06/2020 23:18

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC18 06062025.D	199318

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	86	82-136		06/06/2020 23:18
Toluene-d8	97	92-139		06/06/2020 23:18
4-BFB	93	82-135		06/06/2020 23:18
Benzene-d6	75	55-122		06/06/2020 23:18
Ethylbenzene-d10	88	58-141		06/06/2020 23:18
1,2-DCB-d4	66	51-107		06/06/2020 23:18

Analyst(s): AK



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC18 06062026.D	199318

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/06/2020 23:57
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/06/2020 23:57
Benzene	ND	0.0050	1	06/06/2020 23:57
Bromobenzene	ND	0.0050	1	06/06/2020 23:57
Bromochloromethane	ND	0.0050	1	06/06/2020 23:57
Bromodichloromethane	ND	0.0010	1	06/06/2020 23:57
Bromoform	ND	0.0050	1	06/06/2020 23:57
Bromomethane	ND	0.0050	1	06/06/2020 23:57
2-Butanone (MEK)	ND	0.020	1	06/06/2020 23:57
t-Butyl alcohol (TBA)	ND	0.050	1	06/06/2020 23:57
n-Butyl benzene	ND	0.0050	1	06/06/2020 23:57
sec-Butyl benzene	ND	0.0050	1	06/06/2020 23:57
tert-Butyl benzene	ND	0.0050	1	06/06/2020 23:57
Carbon Disulfide	ND	0.0050	1	06/06/2020 23:57
Carbon Tetrachloride	ND	0.0050	1	06/06/2020 23:57
Chlorobenzene	ND	0.0050	1	06/06/2020 23:57
Chloroethane	ND	0.0050	1	06/06/2020 23:57
Chloroform	ND	0.0050	1	06/06/2020 23:57
Chloromethane	ND	0.0050	1	06/06/2020 23:57
2-Chlorotoluene	ND	0.0050	1	06/06/2020 23:57
4-Chlorotoluene	ND	0.0050	1	06/06/2020 23:57
Dibromochloromethane	ND	0.0050	1	06/06/2020 23:57
1,2-Dibromo-3-chloropropane	ND	0.00038	1	06/06/2020 23:57
1,2-Dibromoethane (EDB)	ND	0.00011	1	06/06/2020 23:57
Dibromomethane	ND	0.0050	1	06/06/2020 23:57
1,2-Dichlorobenzene	ND	0.0050	1	06/06/2020 23:57
1,3-Dichlorobenzene	ND	0.0050	1	06/06/2020 23:57
1,4-Dichlorobenzene	ND	0.0050	1	06/06/2020 23:57
Dichlorodifluoromethane	ND	0.0050	1	06/06/2020 23:57
1,1-Dichloroethane	ND	0.0050	1	06/06/2020 23:57
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/06/2020 23:57
1,1-Dichloroethene	ND	0.00025	1	06/06/2020 23:57
cis-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 23:57
trans-1,2-Dichloroethene	ND	0.0050	1	06/06/2020 23:57
1,2-Dichloropropane	ND	0.0050	1	06/06/2020 23:57
1,3-Dichloropropane	ND	0.0050	1	06/06/2020 23:57
2,2-Dichloropropane	ND	0.0050	1	06/06/2020 23:57

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC18 06062026.D	199318

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/06/2020 23:57
cis-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 23:57
trans-1,3-Dichloropropene	ND	0.0050	1	06/06/2020 23:57
Diisopropyl ether (DIPE)	ND	0.0050	1	06/06/2020 23:57
Ethylbenzene	ND	0.0050	1	06/06/2020 23:57
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/06/2020 23:57
Freon 113	ND	0.0050	1	06/06/2020 23:57
Hexachlorobutadiene	ND	0.0050	1	06/06/2020 23:57
Hexachloroethane	ND	0.0050	1	06/06/2020 23:57
2-Hexanone	ND	0.0050	1	06/06/2020 23:57
Isopropylbenzene	ND	0.0050	1	06/06/2020 23:57
4-Isopropyl toluene	ND	0.0050	1	06/06/2020 23:57
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/06/2020 23:57
Methylene chloride	ND	0.010	1	06/06/2020 23:57
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/06/2020 23:57
Naphthalene	ND	0.0050	1	06/06/2020 23:57
n-Propyl benzene	ND	0.0050	1	06/06/2020 23:57
Styrene	ND	0.0050	1	06/06/2020 23:57
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/06/2020 23:57
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/06/2020 23:57
Tetrachloroethene	ND	0.0010	1	06/06/2020 23:57
Toluene	ND	0.0050	1	06/06/2020 23:57
1,2,3-Trichlorobenzene	ND	0.0050	1	06/06/2020 23:57
1,2,4-Trichlorobenzene	ND	0.0050	1	06/06/2020 23:57
1,1,1-Trichloroethane	ND	0.0050	1	06/06/2020 23:57
1,1,2-Trichloroethane	ND	0.0050	1	06/06/2020 23:57
Trichloroethene	ND	0.0050	1	06/06/2020 23:57
Trichlorofluoromethane	ND	0.0050	1	06/06/2020 23:57
1,2,3-Trichloropropane	ND	0.00010	1	06/06/2020 23:57
1,2,4-Trimethylbenzene	ND	0.0050	1	06/06/2020 23:57
1,3,5-Trimethylbenzene	ND	0.0050	1	06/06/2020 23:57
Vinyl Chloride	ND	0.00025	1	06/06/2020 23:57
m,p-Xylene	ND	0.0050	1	06/06/2020 23:57
o-Xylene	ND	0.0050	1	06/06/2020 23:57
Xylenes, Total	ND	0.0050	1	06/06/2020 23:57

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC18 06062026.D	199318

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	87	82-136		06/06/2020 23:57
Toluene-d8	96	92-139		06/06/2020 23:57
4-BFB	93	82-135		06/06/2020 23:57
Benzene-d6	76	55-122		06/06/2020 23:57
Ethylbenzene-d10	88	58-141		06/06/2020 23:57
1,2-DCB-d4	66	51-107		06/06/2020 23:57

Analyst(s): AK



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC18 06062027.D	199318

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/07/2020 00:37
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/07/2020 00:37
Benzene	ND	0.0050	1	06/07/2020 00:37
Bromobenzene	ND	0.0050	1	06/07/2020 00:37
Bromochloromethane	ND	0.0050	1	06/07/2020 00:37
Bromodichloromethane	ND	0.0010	1	06/07/2020 00:37
Bromoform	ND	0.0050	1	06/07/2020 00:37
Bromomethane	ND	0.0050	1	06/07/2020 00:37
2-Butanone (MEK)	ND	0.020	1	06/07/2020 00:37
t-Butyl alcohol (TBA)	ND	0.050	1	06/07/2020 00:37
n-Butyl benzene	ND	0.0050	1	06/07/2020 00:37
sec-Butyl benzene	ND	0.0050	1	06/07/2020 00:37
tert-Butyl benzene	ND	0.0050	1	06/07/2020 00:37
Carbon Disulfide	ND	0.0050	1	06/07/2020 00:37
Carbon Tetrachloride	ND	0.0050	1	06/07/2020 00:37
Chlorobenzene	ND	0.0050	1	06/07/2020 00:37
Chloroethane	ND	0.0050	1	06/07/2020 00:37
Chloroform	ND	0.0050	1	06/07/2020 00:37
Chloromethane	ND	0.0050	1	06/07/2020 00:37
2-Chlorotoluene	ND	0.0050	1	06/07/2020 00:37
4-Chlorotoluene	ND	0.0050	1	06/07/2020 00:37
Dibromochloromethane	ND	0.0050	1	06/07/2020 00:37
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/07/2020 00:37
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/07/2020 00:37
Dibromomethane	ND	0.0050	1	06/07/2020 00:37
1,2-Dichlorobenzene	ND	0.0050	1	06/07/2020 00:37
1,3-Dichlorobenzene	ND	0.0050	1	06/07/2020 00:37
1,4-Dichlorobenzene	ND	0.0050	1	06/07/2020 00:37
Dichlorodifluoromethane	ND	0.0050	1	06/07/2020 00:37
1,1-Dichloroethane	ND	0.0050	1	06/07/2020 00:37
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/07/2020 00:37
1,1-Dichloroethene	ND	0.00025	1	06/07/2020 00:37
cis-1,2-Dichloroethene	ND	0.0050	1	06/07/2020 00:37
trans-1,2-Dichloroethene	ND	0.0050	1	06/07/2020 00:37
1,2-Dichloropropane	ND	0.0050	1	06/07/2020 00:37
1,3-Dichloropropane	ND	0.0050	1	06/07/2020 00:37
2,2-Dichloropropane	ND	0.0050	1	06/07/2020 00:37

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC18 06062027.D	199318

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/07/2020 00:37
cis-1,3-Dichloropropene	ND	0.0050	1	06/07/2020 00:37
trans-1,3-Dichloropropene	ND	0.0050	1	06/07/2020 00:37
Diisopropyl ether (DIPE)	ND	0.0050	1	06/07/2020 00:37
Ethylbenzene	ND	0.0050	1	06/07/2020 00:37
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/07/2020 00:37
Freon 113	ND	0.0050	1	06/07/2020 00:37
Hexachlorobutadiene	ND	0.0050	1	06/07/2020 00:37
Hexachloroethane	ND	0.0050	1	06/07/2020 00:37
2-Hexanone	ND	0.0050	1	06/07/2020 00:37
Isopropylbenzene	ND	0.0050	1	06/07/2020 00:37
4-Isopropyl toluene	ND	0.0050	1	06/07/2020 00:37
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/07/2020 00:37
Methylene chloride	ND	0.010	1	06/07/2020 00:37
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/07/2020 00:37
Naphthalene	ND	0.0050	1	06/07/2020 00:37
n-Propyl benzene	ND	0.0050	1	06/07/2020 00:37
Styrene	ND	0.0050	1	06/07/2020 00:37
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/07/2020 00:37
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/07/2020 00:37
Tetrachloroethene	ND	0.0010	1	06/07/2020 00:37
Toluene	ND	0.0050	1	06/07/2020 00:37
1,2,3-Trichlorobenzene	ND	0.0050	1	06/07/2020 00:37
1,2,4-Trichlorobenzene	ND	0.0050	1	06/07/2020 00:37
1,1,1-Trichloroethane	ND	0.0050	1	06/07/2020 00:37
1,1,2-Trichloroethane	ND	0.0050	1	06/07/2020 00:37
Trichloroethene	ND	0.0050	1	06/07/2020 00:37
Trichlorofluoromethane	ND	0.0050	1	06/07/2020 00:37
1,2,3-Trichloropropane	ND	0.00010	1	06/07/2020 00:37
1,2,4-Trimethylbenzene	ND	0.0050	1	06/07/2020 00:37
1,3,5-Trimethylbenzene	ND	0.0050	1	06/07/2020 00:37
Vinyl Chloride	ND	0.00025	1	06/07/2020 00:37
m,p-Xylene	ND	0.0050	1	06/07/2020 00:37
o-Xylene	ND	0.0050	1	06/07/2020 00:37
Xylenes, Total	ND	0.0050	1	06/07/2020 00:37

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC18 06062027.D	199318

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	87	82-136		06/07/2020 00:37
Toluene-d8	97	92-139		06/07/2020 00:37
4-BFB	95	82-135		06/07/2020 00:37
Benzene-d6	74	55-122		06/07/2020 00:37
Ethylbenzene-d10	87	58-141		06/07/2020 00:37
1,2-DCB-d4	66	51-107		06/07/2020 00:37

Analyst(s): AK



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10		GC17 06052017.D	199589
Analytes	Result		RL	DF	Date Analyzed	
Acenaphthene	ND		0.026	20	06/05/2020 16:26	
Acenaphthylene	ND		0.026	20	06/05/2020 16:26	
Acetochlor	ND		5.0	20	06/05/2020 16:26	
Anthracene	ND		0.026	20	06/05/2020 16:26	
Benzidine	ND		25	20	06/05/2020 16:26	
Benzo (a) anthracene	ND		0.26	20	06/05/2020 16:26	
Benzo (a) pyrene	0.20		0.050	20	06/05/2020 16:26	
Benzo (b) fluoranthene	0.18		0.13	20	06/05/2020 16:26	
Benzo (g,h,i) perylene	0.28		0.050	20	06/05/2020 16:26	
Benzo (k) fluoranthene	0.068		0.026	20	06/05/2020 16:26	
Benzyl Alcohol	ND		25	20	06/05/2020 16:26	
1,1-Biphenyl	ND		0.26	20	06/05/2020 16:26	
Bis (2-chloroethoxy) Methane	ND		5.0	20	06/05/2020 16:26	
Bis (2-chloroethyl) Ether	ND		0.050	20	06/05/2020 16:26	
Bis (2-chloroisopropyl) Ether	ND		0.26	20	06/05/2020 16:26	
Bis (2-ethylhexyl) Adipate	ND		5.0	20	06/05/2020 16:26	
Bis (2-ethylhexyl) Phthalate	ND		0.50	20	06/05/2020 16:26	
4-Bromophenyl Phenyl Ether	ND		5.0	20	06/05/2020 16:26	
Butylbenzyl Phthalate	ND		0.50	20	06/05/2020 16:26	
4-Chloroaniline	ND		0.050	20	06/05/2020 16:26	
4-Chloro-3-methylphenol	ND		5.0	20	06/05/2020 16:26	
2-Chloronaphthalene	ND		5.0	20	06/05/2020 16:26	
2-Chlorophenol	ND		0.26	20	06/05/2020 16:26	
4-Chlorophenyl Phenyl Ether	ND		5.0	20	06/05/2020 16:26	
Chrysene	0.13		0.050	20	06/05/2020 16:26	
Dibenzo (a,h) anthracene	ND		0.050	20	06/05/2020 16:26	
Dibenzofuran	ND		5.0	20	06/05/2020 16:26	
Di-n-butyl Phthalate	ND		0.26	20	06/05/2020 16:26	
1,2-Dichlorobenzene	ND		5.0	20	06/05/2020 16:26	
1,3-Dichlorobenzene	ND		5.0	20	06/05/2020 16:26	
1,4-Dichlorobenzene	ND		5.0	20	06/05/2020 16:26	
3,3-Dichlorobenzidine	ND		0.050	20	06/05/2020 16:26	
2,4-Dichlorophenol	ND		0.26	20	06/05/2020 16:26	
Diethyl Phthalate	ND		0.26	20	06/05/2020 16:26	
2,4-Dimethylphenol	ND		5.0	20	06/05/2020 16:26	
Dimethyl Phthalate	0.098		0.050	20	06/05/2020 16:26	
4,6-Dinitro-2-methylphenol	ND		25	20	06/05/2020 16:26	

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10		GC17 06052017.D	199589
Analytes	Result		RL	DF	Date Analyzed	
2,4-Dinitrophenol	ND		5.0	20	06/05/2020 16:26	
2,4-Dinitrotoluene	ND		0.26	20	06/05/2020 16:26	
2,6-Dinitrotoluene	ND		0.26	20	06/05/2020 16:26	
Di-n-octyl Phthalate	ND		0.26	20	06/05/2020 16:26	
1,2-Diphenylhydrazine	ND		5.0	20	06/05/2020 16:26	
Fluoranthene	0.24		0.026	20	06/05/2020 16:26	
Fluorene	ND		0.050	20	06/05/2020 16:26	
Hexachlorobenzene	ND		0.026	20	06/05/2020 16:26	
Hexachlorobutadiene	ND		0.050	20	06/05/2020 16:26	
Hexachlorocyclopentadiene	ND		40	20	06/05/2020 16:26	
Hexachloroethane	ND		0.26	20	06/05/2020 16:26	
Indeno (1,2,3-cd) pyrene	ND		0.26	20	06/05/2020 16:26	
Isophorone	ND		5.0	20	06/05/2020 16:26	
2-Methylnaphthalene	0.082		0.050	20	06/05/2020 16:26	
2-Methylphenol (o-Cresol)	ND		5.0	20	06/05/2020 16:26	
3 & 4-Methylphenol (m,p-Cresol)	ND		5.0	20	06/05/2020 16:26	
Naphthalene	0.062		0.026	20	06/05/2020 16:26	
2-Nitroaniline	ND		25	20	06/05/2020 16:26	
3-Nitroaniline	ND		25	20	06/05/2020 16:26	
4-Nitroaniline	ND		25	20	06/05/2020 16:26	
Nitrobenzene	ND		5.0	20	06/05/2020 16:26	
2-Nitrophenol	ND		25	20	06/05/2020 16:26	
4-Nitrophenol	ND		25	20	06/05/2020 16:26	
N-Nitrosodiphenylamine	ND		5.0	20	06/05/2020 16:26	
N-Nitrosodi-n-propylamine	ND		5.0	20	06/05/2020 16:26	
Pentachlorophenol	ND		1.2	20	06/05/2020 16:26	
Phenanthrene	0.20		0.10	20	06/05/2020 16:26	
Phenol	ND		1.0	20	06/05/2020 16:26	
Pyrene	0.37		0.050	20	06/05/2020 16:26	
Pyridine	ND		5.0	20	06/05/2020 16:26	
1,2,4-Trichlorobenzene	ND		5.0	20	06/05/2020 16:26	
2,4,5-Trichlorophenol	ND		0.050	20	06/05/2020 16:26	
2,4,6-Trichlorophenol	ND		0.26	20	06/05/2020 16:26	

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC17 06052017.D	199589

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	66		60-130	06/05/2020 16:26
Phenol-d5	54	S	60-130	06/05/2020 16:26
Nitrobenzene-d5	51	S	60-130	06/05/2020 16:26
2-Fluorobiphenyl	66		60-130	06/05/2020 16:26
2,4,6-Tribromophenol	26	S	50-130	06/05/2020 16:26
4-Terphenyl-d14	67		50-130	06/05/2020 16:26

Analyst(s): HD

Analytical Comments: c1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC17 06052018.D	199589
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Acenaphthene	ND		0.0026	2	06/05/2020 16:54
Acenaphthylene	0.0091		0.0026	2	06/05/2020 16:54
Acetochlor	ND		0.50	2	06/05/2020 16:54
Anthracene	0.0033		0.0026	2	06/05/2020 16:54
Benzidine	ND		2.5	2	06/05/2020 16:54
Benzo (a) anthracene	ND		0.026	2	06/05/2020 16:54
Benzo (a) pyrene	0.043		0.0050	2	06/05/2020 16:54
Benzo (b) fluoranthene	0.041		0.013	2	06/05/2020 16:54
Benzo (g,h,i) perylene	0.068		0.0050	2	06/05/2020 16:54
Benzo (k) fluoranthene	0.014		0.0026	2	06/05/2020 16:54
Benzyl Alcohol	ND		2.5	2	06/05/2020 16:54
1,1-Biphenyl	ND		0.026	2	06/05/2020 16:54
Bis (2-chloroethoxy) Methane	ND		0.50	2	06/05/2020 16:54
Bis (2-chloroethyl) Ether	ND		0.0050	2	06/05/2020 16:54
Bis (2-chloroisopropyl) Ether	ND		0.026	2	06/05/2020 16:54
Bis (2-ethylhexyl) Adipate	ND		0.50	2	06/05/2020 16:54
Bis (2-ethylhexyl) Phthalate	ND		0.050	2	06/05/2020 16:54
4-Bromophenyl Phenyl Ether	ND		0.50	2	06/05/2020 16:54
Butylbenzyl Phthalate	ND		0.050	2	06/05/2020 16:54
4-Chloroaniline	ND		0.0050	2	06/05/2020 16:54
4-Chloro-3-methylphenol	ND		0.50	2	06/05/2020 16:54
2-Chloronaphthalene	ND		0.50	2	06/05/2020 16:54
2-Chlorophenol	ND		0.026	2	06/05/2020 16:54
4-Chlorophenyl Phenyl Ether	ND		0.50	2	06/05/2020 16:54
Chrysene	0.028		0.0050	2	06/05/2020 16:54
Dibenzo (a,h) anthracene	0.0080		0.0050	2	06/05/2020 16:54
Dibenzofuran	ND		0.50	2	06/05/2020 16:54
Di-n-butyl Phthalate	ND		0.026	2	06/05/2020 16:54
1,2-Dichlorobenzene	ND		0.50	2	06/05/2020 16:54
1,3-Dichlorobenzene	ND		0.50	2	06/05/2020 16:54
1,4-Dichlorobenzene	ND		0.50	2	06/05/2020 16:54
3,3-Dichlorobenzidine	ND		0.0050	2	06/05/2020 16:54
2,4-Dichlorophenol	ND		0.026	2	06/05/2020 16:54
Diethyl Phthalate	ND		0.026	2	06/05/2020 16:54
2,4-Dimethylphenol	ND		0.50	2	06/05/2020 16:54
Dimethyl Phthalate	ND		0.0050	2	06/05/2020 16:54
4,6-Dinitro-2-methylphenol	ND		2.5	2	06/05/2020 16:54

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC17 06052018.D	199589
Analytes	Result		RL	DF	Date Analyzed
2,4-Dinitrophenol	ND		0.50	2	06/05/2020 16:54
2,4-Dinitrotoluene	ND		0.026	2	06/05/2020 16:54
2,6-Dinitrotoluene	ND		0.026	2	06/05/2020 16:54
Di-n-octyl Phthalate	ND		0.026	2	06/05/2020 16:54
1,2-Diphenylhydrazine	ND		0.50	2	06/05/2020 16:54
Fluoranthene	0.055		0.0026	2	06/05/2020 16:54
Fluorene	ND		0.0050	2	06/05/2020 16:54
Hexachlorobenzene	ND		0.0026	2	06/05/2020 16:54
Hexachlorobutadiene	ND		0.0050	2	06/05/2020 16:54
Hexachlorocyclopentadiene	ND		4.0	2	06/05/2020 16:54
Hexachloroethane	ND		0.026	2	06/05/2020 16:54
Indeno (1,2,3-cd) pyrene	0.038		0.026	2	06/05/2020 16:54
Isophorone	ND		0.50	2	06/05/2020 16:54
2-Methylnaphthalene	0.0076		0.0050	2	06/05/2020 16:54
2-Methylphenol (o-Cresol)	ND		0.50	2	06/05/2020 16:54
3 & 4-Methylphenol (m,p-Cresol)	ND		0.50	2	06/05/2020 16:54
Naphthalene	0.0068		0.0026	2	06/05/2020 16:54
2-Nitroaniline	ND		2.5	2	06/05/2020 16:54
3-Nitroaniline	ND		2.5	2	06/05/2020 16:54
4-Nitroaniline	ND		2.5	2	06/05/2020 16:54
Nitrobenzene	ND		0.50	2	06/05/2020 16:54
2-Nitrophenol	ND		2.5	2	06/05/2020 16:54
4-Nitrophenol	ND		2.5	2	06/05/2020 16:54
N-Nitrosodiphenylamine	ND		0.50	2	06/05/2020 16:54
N-Nitrosodi-n-propylamine	ND		0.50	2	06/05/2020 16:54
Pentachlorophenol	ND		0.12	2	06/05/2020 16:54
Phenanthrene	0.034		0.010	2	06/05/2020 16:54
Phenol	ND		0.10	2	06/05/2020 16:54
Pyrene	0.058		0.0050	2	06/05/2020 16:54
Pyridine	ND		0.50	2	06/05/2020 16:54
1,2,4-Trichlorobenzene	ND		0.50	2	06/05/2020 16:54
2,4,5-Trichlorophenol	ND		0.0050	2	06/05/2020 16:54
2,4,6-Trichlorophenol	ND		0.026	2	06/05/2020 16:54

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC17 06052018.D	199589

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	65		60-130	06/05/2020 16:54
Phenol-d5	64		60-130	06/05/2020 16:54
Nitrobenzene-d5	51	S	60-130	06/05/2020 16:54
2-Fluorobiphenyl	53	S	60-130	06/05/2020 16:54
2,4,6-Tribromophenol	38	S	50-130	06/05/2020 16:54
4-Terphenyl-d14	49	S	50-130	06/05/2020 16:54

Analyst(s): HD

Analytical Comments: c1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15		GC21 06082004.D	199589
Analytes	Result		RL	DF	Date Analyzed	
Acenaphthene	ND		0.0065	5	06/08/2020 09:22	
Acenaphthylene	0.022		0.0065	5	06/08/2020 09:22	
Acetochlor	ND		1.2	5	06/08/2020 09:22	
Anthracene	0.019		0.0065	5	06/08/2020 09:22	
Benzidine	ND		6.2	5	06/08/2020 09:22	
Benzo (a) anthracene	0.087		0.065	5	06/08/2020 09:22	
Benzo (a) pyrene	0.15		0.012	5	06/08/2020 09:22	
Benzo (b) fluoranthene	0.13		0.032	5	06/08/2020 09:22	
Benzo (g,h,i) perylene	0.20		0.012	5	06/08/2020 09:22	
Benzo (k) fluoranthene	0.059		0.0065	5	06/08/2020 09:22	
Benzyl Alcohol	ND		6.2	5	06/08/2020 09:22	
1,1-Biphenyl	ND		0.065	5	06/08/2020 09:22	
Bis (2-chloroethoxy) Methane	ND		1.2	5	06/08/2020 09:22	
Bis (2-chloroethyl) Ether	ND		0.012	5	06/08/2020 09:22	
Bis (2-chloroisopropyl) Ether	ND		0.065	5	06/08/2020 09:22	
Bis (2-ethylhexyl) Adipate	ND		1.2	5	06/08/2020 09:22	
Bis (2-ethylhexyl) Phthalate	ND		0.12	5	06/08/2020 09:22	
4-Bromophenyl Phenyl Ether	ND		1.2	5	06/08/2020 09:22	
Butylbenzyl Phthalate	ND		0.12	5	06/08/2020 09:22	
4-Chloroaniline	ND		0.012	5	06/08/2020 09:22	
4-Chloro-3-methylphenol	ND		1.2	5	06/08/2020 09:22	
2-Chloronaphthalene	ND		1.2	5	06/08/2020 09:22	
2-Chlorophenol	ND		0.065	5	06/08/2020 09:22	
4-Chlorophenyl Phenyl Ether	ND		1.2	5	06/08/2020 09:22	
Chrysene	0.12		0.012	5	06/08/2020 09:22	
Dibenzo (a,h) anthracene	0.024		0.012	5	06/08/2020 09:22	
Dibenzofuran	ND		1.2	5	06/08/2020 09:22	
Di-n-butyl Phthalate	ND		0.065	5	06/08/2020 09:22	
1,2-Dichlorobenzene	ND		1.2	5	06/08/2020 09:22	
1,3-Dichlorobenzene	ND		1.2	5	06/08/2020 09:22	
1,4-Dichlorobenzene	ND		1.2	5	06/08/2020 09:22	
3,3-Dichlorobenzidine	ND		0.012	5	06/08/2020 09:22	
2,4-Dichlorophenol	ND		0.065	5	06/08/2020 09:22	
Diethyl Phthalate	ND		0.065	5	06/08/2020 09:22	
2,4-Dimethylphenol	ND		1.2	5	06/08/2020 09:22	
Dimethyl Phthalate	ND		0.012	5	06/08/2020 09:22	
4,6-Dinitro-2-methylphenol	ND		6.2	5	06/08/2020 09:22	

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC21 06082004.D	199589
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
2,4-Dinitrophenol	ND		1.2	5	06/08/2020 09:22
2,4-Dinitrotoluene	ND		0.065	5	06/08/2020 09:22
2,6-Dinitrotoluene	ND		0.065	5	06/08/2020 09:22
Di-n-octyl Phthalate	ND		0.065	5	06/08/2020 09:22
1,2-Diphenylhydrazine	ND		1.2	5	06/08/2020 09:22
Fluoranthene	0.29		0.0065	5	06/08/2020 09:22
Fluorene	ND		0.012	5	06/08/2020 09:22
Hexachlorobenzene	ND		0.0065	5	06/08/2020 09:22
Hexachlorobutadiene	ND		0.012	5	06/08/2020 09:22
Hexachlorocyclopentadiene	ND		10	5	06/08/2020 09:22
Hexachloroethane	ND		0.065	5	06/08/2020 09:22
Indeno (1,2,3-cd) pyrene	0.12		0.065	5	06/08/2020 09:22
Isophorone	ND		1.2	5	06/08/2020 09:22
2-Methylnaphthalene	0.016		0.012	5	06/08/2020 09:22
2-Methylphenol (o-Cresol)	ND		1.2	5	06/08/2020 09:22
3 & 4-Methylphenol (m,p-Cresol)	ND		1.2	5	06/08/2020 09:22
Naphthalene	0.016		0.0065	5	06/08/2020 09:22
2-Nitroaniline	ND		6.2	5	06/08/2020 09:22
3-Nitroaniline	ND		6.2	5	06/08/2020 09:22
4-Nitroaniline	ND		6.2	5	06/08/2020 09:22
Nitrobenzene	ND		1.2	5	06/08/2020 09:22
2-Nitrophenol	ND		6.2	5	06/08/2020 09:22
4-Nitrophenol	ND		6.2	5	06/08/2020 09:22
N-Nitrosodiphenylamine	ND		1.2	5	06/08/2020 09:22
N-Nitrosodi-n-propylamine	ND		1.2	5	06/08/2020 09:22
Pentachlorophenol	ND		0.31	5	06/08/2020 09:22
Phenanthrene	0.17		0.025	5	06/08/2020 09:22
Phenol	ND		0.25	5	06/08/2020 09:22
Pyrene	0.30		0.012	5	06/08/2020 09:22
Pyridine	ND		1.2	5	06/08/2020 09:22
1,2,4-Trichlorobenzene	ND		1.2	5	06/08/2020 09:22
2,4,5-Trichlorophenol	ND		0.012	5	06/08/2020 09:22
2,4,6-Trichlorophenol	ND		0.065	5	06/08/2020 09:22

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC21 06082004.D	199589

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	58	S	60-130	06/08/2020 09:22
Phenol-d5	52	S	60-130	06/08/2020 09:22
Nitrobenzene-d5	52	S	60-130	06/08/2020 09:22
2-Fluorobiphenyl	56	S	60-130	06/08/2020 09:22
2,4,6-Tribromophenol	38	S	50-130	06/08/2020 09:22
4-Terphenyl-d14	54		50-130	06/08/2020 09:22

Analyst(s): HD

Analytical Comments: c1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC21 06082006.D	199589

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0065	5	06/08/2020 10:22
Acenaphthylene	0.0088	0.0065	5	06/08/2020 10:22
Acetochlor	ND	1.2	5	06/08/2020 10:22
Anthracene	0.016	0.0065	5	06/08/2020 10:22
Benzidine	ND	6.2	5	06/08/2020 10:22
Benzo (a) anthracene	ND	0.065	5	06/08/2020 10:22
Benzo (a) pyrene	0.063	0.012	5	06/08/2020 10:22
Benzo (b) fluoranthene	0.067	0.032	5	06/08/2020 10:22
Benzo (g,h,i) perylene	0.095	0.012	5	06/08/2020 10:22
Benzo (k) fluoranthene	0.025	0.0065	5	06/08/2020 10:22
Benzyl Alcohol	ND	6.2	5	06/08/2020 10:22
1,1-Biphenyl	ND	0.065	5	06/08/2020 10:22
Bis (2-chloroethoxy) Methane	ND	1.2	5	06/08/2020 10:22
Bis (2-chloroethyl) Ether	ND	0.012	5	06/08/2020 10:22
Bis (2-chloroisopropyl) Ether	ND	0.065	5	06/08/2020 10:22
Bis (2-ethylhexyl) Adipate	ND	1.2	5	06/08/2020 10:22
Bis (2-ethylhexyl) Phthalate	ND	0.12	5	06/08/2020 10:22
4-Bromophenyl Phenyl Ether	ND	1.2	5	06/08/2020 10:22
Butylbenzyl Phthalate	ND	0.12	5	06/08/2020 10:22
4-Chloroaniline	ND	0.012	5	06/08/2020 10:22
4-Chloro-3-methylphenol	ND	1.2	5	06/08/2020 10:22
2-Chloronaphthalene	ND	1.2	5	06/08/2020 10:22
2-Chlorophenol	ND	0.065	5	06/08/2020 10:22
4-Chlorophenyl Phenyl Ether	ND	1.2	5	06/08/2020 10:22
Chrysene	0.056	0.012	5	06/08/2020 10:22
Dibenzo (a,h) anthracene	0.018	0.012	5	06/08/2020 10:22
Dibenzofuran	ND	1.2	5	06/08/2020 10:22
Di-n-butyl Phthalate	ND	0.065	5	06/08/2020 10:22
1,2-Dichlorobenzene	ND	1.2	5	06/08/2020 10:22
1,3-Dichlorobenzene	ND	1.2	5	06/08/2020 10:22
1,4-Dichlorobenzene	ND	1.2	5	06/08/2020 10:22
3,3-Dichlorobenzidine	ND	0.012	5	06/08/2020 10:22
2,4-Dichlorophenol	ND	0.065	5	06/08/2020 10:22
Diethyl Phthalate	ND	0.065	5	06/08/2020 10:22
2,4-Dimethylphenol	ND	1.2	5	06/08/2020 10:22
Dimethyl Phthalate	ND	0.012	5	06/08/2020 10:22
4,6-Dinitro-2-methylphenol	ND	6.2	5	06/08/2020 10:22

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC21 06082006.D	199589

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.2	5	06/08/2020 10:22
2,4-Dinitrotoluene	ND	0.065	5	06/08/2020 10:22
2,6-Dinitrotoluene	ND	0.065	5	06/08/2020 10:22
Di-n-octyl Phthalate	ND	0.065	5	06/08/2020 10:22
1,2-Diphenylhydrazine	ND	1.2	5	06/08/2020 10:22
Fluoranthene	0.088	0.0065	5	06/08/2020 10:22
Fluorene	ND	0.012	5	06/08/2020 10:22
Hexachlorobenzene	ND	0.0065	5	06/08/2020 10:22
Hexachlorobutadiene	ND	0.012	5	06/08/2020 10:22
Hexachlorocyclopentadiene	ND	10	5	06/08/2020 10:22
Hexachloroethane	ND	0.065	5	06/08/2020 10:22
Indeno (1,2,3-cd) pyrene	0.065	0.065	5	06/08/2020 10:22
Isophorone	ND	1.2	5	06/08/2020 10:22
2-Methylnaphthalene	ND	0.012	5	06/08/2020 10:22
2-Methylphenol (o-Cresol)	ND	1.2	5	06/08/2020 10:22
3 & 4-Methylphenol (m,p-Cresol)	ND	1.2	5	06/08/2020 10:22
Naphthalene	ND	0.0065	5	06/08/2020 10:22
2-Nitroaniline	ND	6.2	5	06/08/2020 10:22
3-Nitroaniline	ND	6.2	5	06/08/2020 10:22
4-Nitroaniline	ND	6.2	5	06/08/2020 10:22
Nitrobenzene	ND	1.2	5	06/08/2020 10:22
2-Nitrophenol	ND	6.2	5	06/08/2020 10:22
4-Nitrophenol	ND	6.2	5	06/08/2020 10:22
N-Nitrosodiphenylamine	ND	1.2	5	06/08/2020 10:22
N-Nitrosodi-n-propylamine	ND	1.2	5	06/08/2020 10:22
Pentachlorophenol	ND	0.31	5	06/08/2020 10:22
Phenanthrene	0.081	0.025	5	06/08/2020 10:22
Phenol	ND	0.25	5	06/08/2020 10:22
Pyrene	0.089	0.012	5	06/08/2020 10:22
Pyridine	ND	1.2	5	06/08/2020 10:22
1,2,4-Trichlorobenzene	ND	1.2	5	06/08/2020 10:22
2,4,5-Trichlorophenol	ND	0.012	5	06/08/2020 10:22
2,4,6-Trichlorophenol	ND	0.065	5	06/08/2020 10:22

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC21 06082006.D	199589

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	64		60-130	06/08/2020 10:22
Phenol-d5	53	S	60-130	06/08/2020 10:22
Nitrobenzene-d5	49	S	60-130	06/08/2020 10:22
2-Fluorobiphenyl	58	S	60-130	06/08/2020 10:22
2,4,6-Tribromophenol	37	S	50-130	06/08/2020 10:22
4-Terphenyl-d14	61		50-130	06/08/2020 10:22

Analyst(s): HD

Analytical Comments: c1



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC17 06052021.D	199589

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/05/2020 18:16
Acenaphthylene	ND	0.0013	1	06/05/2020 18:16
Acetochlor	ND	0.25	1	06/05/2020 18:16
Anthracene	ND	0.0013	1	06/05/2020 18:16
Benzidine	ND	1.2	1	06/05/2020 18:16
Benzo (a) anthracene	ND	0.013	1	06/05/2020 18:16
Benzo (a) pyrene	ND	0.0025	1	06/05/2020 18:16
Benzo (b) fluoranthene	ND	0.0063	1	06/05/2020 18:16
Benzo (g,h,i) perylene	ND	0.0025	1	06/05/2020 18:16
Benzo (k) fluoranthene	ND	0.0013	1	06/05/2020 18:16
Benzyl Alcohol	ND	1.2	1	06/05/2020 18:16
1,1-Biphenyl	ND	0.013	1	06/05/2020 18:16
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/05/2020 18:16
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/05/2020 18:16
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/05/2020 18:16
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/05/2020 18:16
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/05/2020 18:16
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/05/2020 18:16
Butylbenzyl Phthalate	ND	0.025	1	06/05/2020 18:16
4-Chloroaniline	ND	0.0025	1	06/05/2020 18:16
4-Chloro-3-methylphenol	ND	0.25	1	06/05/2020 18:16
2-Chloronaphthalene	ND	0.25	1	06/05/2020 18:16
2-Chlorophenol	ND	0.013	1	06/05/2020 18:16
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/05/2020 18:16
Chrysene	ND	0.0025	1	06/05/2020 18:16
Dibenzo (a,h) anthracene	ND	0.0025	1	06/05/2020 18:16
Dibenzofuran	ND	0.25	1	06/05/2020 18:16
Di-n-butyl Phthalate	ND	0.013	1	06/05/2020 18:16
1,2-Dichlorobenzene	ND	0.25	1	06/05/2020 18:16
1,3-Dichlorobenzene	ND	0.25	1	06/05/2020 18:16
1,4-Dichlorobenzene	ND	0.25	1	06/05/2020 18:16
3,3-Dichlorobenzidine	ND	0.0025	1	06/05/2020 18:16
2,4-Dichlorophenol	ND	0.013	1	06/05/2020 18:16
Diethyl Phthalate	ND	0.013	1	06/05/2020 18:16
2,4-Dimethylphenol	ND	0.25	1	06/05/2020 18:16
Dimethyl Phthalate	ND	0.0025	1	06/05/2020 18:16
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/05/2020 18:16

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC17 06052021.D	199589

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/05/2020 18:16
2,4-Dinitrotoluene	ND	0.013	1	06/05/2020 18:16
2,6-Dinitrotoluene	ND	0.013	1	06/05/2020 18:16
Di-n-octyl Phthalate	ND	0.013	1	06/05/2020 18:16
1,2-Diphenylhydrazine	ND	0.25	1	06/05/2020 18:16
Fluoranthene	0.0014	0.0013	1	06/05/2020 18:16
Fluorene	ND	0.0025	1	06/05/2020 18:16
Hexachlorobenzene	ND	0.0013	1	06/05/2020 18:16
Hexachlorobutadiene	ND	0.0025	1	06/05/2020 18:16
Hexachlorocyclopentadiene	ND	2.0	1	06/05/2020 18:16
Hexachloroethane	ND	0.013	1	06/05/2020 18:16
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/05/2020 18:16
Isophorone	ND	0.25	1	06/05/2020 18:16
2-Methylnaphthalene	ND	0.0025	1	06/05/2020 18:16
2-Methylphenol (o-Cresol)	ND	0.25	1	06/05/2020 18:16
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/05/2020 18:16
Naphthalene	ND	0.0013	1	06/05/2020 18:16
2-Nitroaniline	ND	1.2	1	06/05/2020 18:16
3-Nitroaniline	ND	1.2	1	06/05/2020 18:16
4-Nitroaniline	ND	1.2	1	06/05/2020 18:16
Nitrobenzene	ND	0.25	1	06/05/2020 18:16
2-Nitrophenol	ND	1.2	1	06/05/2020 18:16
4-Nitrophenol	ND	1.2	1	06/05/2020 18:16
N-Nitrosodiphenylamine	ND	0.25	1	06/05/2020 18:16
N-Nitrosodi-n-propylamine	ND	0.25	1	06/05/2020 18:16
Pentachlorophenol	ND	0.062	1	06/05/2020 18:16
Phenanthrene	ND	0.0050	1	06/05/2020 18:16
Phenol	ND	0.050	1	06/05/2020 18:16
Pyrene	ND	0.0025	1	06/05/2020 18:16
Pyridine	ND	0.25	1	06/05/2020 18:16
1,2,4-Trichlorobenzene	ND	0.25	1	06/05/2020 18:16
2,4,5-Trichlorophenol	ND	0.0025	1	06/05/2020 18:16
2,4,6-Trichlorophenol	ND	0.013	1	06/05/2020 18:16

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/05/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC17 06052021.D	199589

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	90		60-130	06/05/2020 18:16
Phenol-d5	87		60-130	06/05/2020 18:16
Nitrobenzene-d5	66		60-130	06/05/2020 18:16
2-Fluorobiphenyl	68		60-130	06/05/2020 18:16
2,4,6-Tribromophenol	9	S	50-130	06/05/2020 18:16
4-Terphenyl-d14	68		50-130	06/05/2020 18:16

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/02/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	ICP-MS5 175SMPL.d	199339

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	0.74		0.50	1	06/03/2020 13:39
Arsenic	4.2		0.50	1	06/03/2020 13:39
Barium	160		5.0	1	06/03/2020 13:39
Beryllium	ND		0.50	1	06/03/2020 13:39
Cadmium	1.1	B	0.25	1	06/03/2020 13:39
Chromium	34		0.50	1	06/03/2020 13:39
Cobalt	4.1		0.50	1	06/03/2020 13:39
Copper	21		0.50	1	06/03/2020 13:39
Lead	150		0.50	1	06/03/2020 13:39
Mercury	0.43		0.050	1	06/03/2020 13:39
Molybdenum	ND		0.50	1	06/03/2020 13:39
Nickel	21		0.50	1	06/03/2020 13:39
Selenium	ND		0.50	1	06/03/2020 13:39
Silver	ND		0.50	1	06/03/2020 13:39
Thallium	ND		0.50	1	06/03/2020 13:39
Vanadium	26		0.50	1	06/03/2020 13:39
Zinc	180		5.0	1	06/03/2020 13:39

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	108	70-130	06/03/2020 13:39

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/02/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	ICP-MS5 190SMPL.d	199339
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Antimony	ND		0.50	1	06/02/2020 19:17
Arsenic	2.6		0.50	1	06/02/2020 19:17
Barium	76		5.0	1	06/02/2020 19:17
Beryllium	ND		0.50	1	06/02/2020 19:17
Cadmium	0.53	B	0.25	1	06/02/2020 19:17
Chromium	40		0.50	1	06/02/2020 19:17
Cobalt	4.0		0.50	1	06/02/2020 19:17
Copper	9.7		0.50	1	06/02/2020 19:17
Lead	49		0.50	1	06/02/2020 19:17
Mercury	ND		0.050	1	06/02/2020 19:17
Molybdenum	ND		0.50	1	06/02/2020 19:17
Nickel	22		0.50	1	06/02/2020 19:17
Selenium	ND		0.50	1	06/02/2020 19:17
Silver	ND		0.50	1	06/02/2020 19:17
Thallium	ND		0.50	1	06/02/2020 19:17
Vanadium	28		0.50	1	06/02/2020 19:17
Zinc	75		5.0	1	06/02/2020 19:17

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>Date Analyzed</u>
Terbium	111	70-130	06/02/2020 19:17

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/02/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	ICP-MS5 193SMPL.d	199339

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	ND		0.50	1	06/02/2020 19:27
Arsenic	2.6		0.50	1	06/02/2020 19:27
Barium	87		5.0	1	06/02/2020 19:27
Beryllium	ND		0.50	1	06/02/2020 19:27
Cadmium	0.65	B	0.25	1	06/02/2020 19:27
Chromium	34		0.50	1	06/02/2020 19:27
Cobalt	3.4		0.50	1	06/02/2020 19:27
Copper	12		0.50	1	06/02/2020 19:27
Lead	85		0.50	1	06/02/2020 19:27
Mercury	0.059		0.050	1	06/02/2020 19:27
Molybdenum	ND		0.50	1	06/02/2020 19:27
Nickel	19		0.50	1	06/02/2020 19:27
Selenium	ND		0.50	1	06/02/2020 19:27
Silver	ND		0.50	1	06/02/2020 19:27
Thallium	ND		0.50	1	06/02/2020 19:27
Vanadium	25		0.50	1	06/02/2020 19:27
Zinc	110		5.0	1	06/02/2020 19:27

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	114	70-130	06/02/2020 19:27

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/02/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	ICP-MS5 194SMPL.d	199339

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	ND		0.50	1	06/02/2020 19:30
Arsenic	2.4		0.50	1	06/02/2020 19:30
Barium	77		5.0	1	06/02/2020 19:30
Beryllium	ND		0.50	1	06/02/2020 19:30
Cadmium	0.44	B	0.25	1	06/02/2020 19:30
Chromium	38		0.50	1	06/02/2020 19:30
Cobalt	4.1		0.50	1	06/02/2020 19:30
Copper	12		0.50	1	06/02/2020 19:30
Lead	77		0.50	1	06/02/2020 19:30
Mercury	0.13		0.050	1	06/02/2020 19:30
Molybdenum	ND		0.50	1	06/02/2020 19:30
Nickel	23		0.50	1	06/02/2020 19:30
Selenium	ND		0.50	1	06/02/2020 19:30
Silver	ND		0.50	1	06/02/2020 19:30
Thallium	ND		0.50	1	06/02/2020 19:30
Vanadium	27		0.50	1	06/02/2020 19:30
Zinc	120		5.0	1	06/02/2020 19:30

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	110	70-130	06/02/2020 19:30

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/02/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	ICP-MS5 158SMPL.d	199339

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/02/2020 17:34
Arsenic	2.2	0.50	1	06/02/2020 17:34
Barium	53	5.0	1	06/02/2020 17:34
Beryllium	ND	0.50	1	06/02/2020 17:34
Cadmium	ND	0.25	1	06/02/2020 17:34
Chromium	44	0.50	1	06/02/2020 17:34
Cobalt	3.7	0.50	1	06/02/2020 17:34
Copper	7.3	0.50	1	06/02/2020 17:34
Lead	8.9	0.50	1	06/02/2020 17:34
Mercury	ND	0.050	1	06/02/2020 17:34
Molybdenum	ND	0.50	1	06/02/2020 17:34
Nickel	24	0.50	1	06/02/2020 17:34
Selenium	ND	0.50	1	06/02/2020 17:34
Silver	ND	0.50	1	06/02/2020 17:34
Thallium	ND	0.50	1	06/02/2020 17:34
Vanadium	29	0.50	1	06/02/2020 17:34
Zinc	28	5.0	1	06/02/2020 17:34

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	107	70-130	06/02/2020 17:34

Analyst(s): MIG



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC7 06042015.D	199297

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	31	1.0	1	06/04/2020 19:48
MTBE	---	0.050	1	06/04/2020 19:48
Benzene	---	0.0050	1	06/04/2020 19:48
Toluene	---	0.0050	1	06/04/2020 19:48
Ethylbenzene	---	0.0050	1	06/04/2020 19:48
m,p-Xylene	---	0.010	1	06/04/2020 19:48
o-Xylene	---	0.0050	1	06/04/2020 19:48
Xylenes	---	0.0050	1	06/04/2020 19:48

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	99	62-126	06/04/2020 19:48

Analyst(s): IA **Analytical Comments:** d7,d9

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC7 06042016.D	199297

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	2.5	1.0	1	06/04/2020 20:19
MTBE	---	0.050	1	06/04/2020 20:19
Benzene	---	0.0050	1	06/04/2020 20:19
Toluene	---	0.0050	1	06/04/2020 20:19
Ethylbenzene	---	0.0050	1	06/04/2020 20:19
m,p-Xylene	---	0.010	1	06/04/2020 20:19
o-Xylene	---	0.0050	1	06/04/2020 20:19
Xylenes	---	0.0050	1	06/04/2020 20:19

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	91	62-126	06/04/2020 20:19

Analyst(s): IA **Analytical Comments:** d1

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC7 06042022.D	199297

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	3.9	1.0	1	06/04/2020 23:20
MTBE	---	0.050	1	06/04/2020 23:20
Benzene	---	0.0050	1	06/04/2020 23:20
Toluene	---	0.0050	1	06/04/2020 23:20
Ethylbenzene	---	0.0050	1	06/04/2020 23:20
m,p-Xylene	---	0.010	1	06/04/2020 23:20
o-Xylene	---	0.0050	1	06/04/2020 23:20
Xylenes	---	0.0050	1	06/04/2020 23:20

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	86	62-126	06/04/2020 23:20

Analyst(s): IA Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC7 06042023.D	199297

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/04/2020 23:50
MTBE	---	0.050	1	06/04/2020 23:50
Benzene	---	0.0050	1	06/04/2020 23:50
Toluene	---	0.0050	1	06/04/2020 23:50
Ethylbenzene	---	0.0050	1	06/04/2020 23:50
m,p-Xylene	---	0.010	1	06/04/2020 23:50
o-Xylene	---	0.0050	1	06/04/2020 23:50
Xylenes	---	0.0050	1	06/04/2020 23:50

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	92	62-126	06/04/2020 23:50

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan	WorkOrder: 2006034
Date Received: 06/01/2020 15:30	Extraction Method: SW5035
Date Prepared: 06/01/2020	Analytical Method: SW8021B/8015Bm
Project: 750664801; 1666 7th St.	Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC19 06032012.D	199337

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/03/2020 20:20
MTBE	---	0.050	1	06/03/2020 20:20
Benzene	---	0.0050	1	06/03/2020 20:20
Toluene	---	0.0050	1	06/03/2020 20:20
Ethylbenzene	---	0.0050	1	06/03/2020 20:20
m,p-Xylene	---	0.010	1	06/03/2020 20:20
o-Xylene	---	0.0050	1	06/03/2020 20:20
Xylenes	---	0.0050	1	06/03/2020 20:20

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	85	62-126	06/03/2020 20:20

Analyst(s): IA



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	GC39B 06042039.D	199294
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	5.9		5.0	5	06/04/2020 22:26
TPH-Motor Oil (C18-C36)	250		25	5	06/04/2020 22:26
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	96		70-130		06/04/2020 22:26
<u>Analyst(s):</u> JIS			<u>Analytical Comments:</u> e7,e2		

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-3	2006034-002A	Soil	05/29/2020 08:12	GC11B 06042053.D	199294
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	06/05/2020 02:25
TPH-Motor Oil (C18-C36)	14		5.0	1	06/05/2020 02:25
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	98		70-130		06/05/2020 02:25
<u>Analyst(s):</u> JIS			<u>Analytical Comments:</u> e7		

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	GC11A 06042048.D	199294
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	1.6		1.0	1	06/05/2020 00:32
TPH-Motor Oil (C18-C36)	43		5.0	1	06/05/2020 00:32
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	91		70-130		06/05/2020 00:32
<u>Analyst(s):</u> JIS			<u>Analytical Comments:</u> e7,e2		

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Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/01/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	GC39B 06042033.D	199294

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	6.4	1.0	1	06/04/2020 20:29
TPH-Motor Oil (C18-C36)	92	5.0	1	06/04/2020 20:29

Surrogates	REC (%)	Limits	Date Analyzed
C9	100	70-130	06/04/2020 20:29

Analyst(s): JIS

Analytical Comments: e7,e2,e8

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-3	2006034-005A	Soil	05/29/2020 12:30	GC11B 06042045.D	199294

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/04/2020 23:54
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/04/2020 23:54

Surrogates	REC (%)	Limits	Date Analyzed
C9	98	70-130	06/04/2020 23:54

Analyst(s): JIS



Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC40
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199616
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199616

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0000360	0.000100	-	-	-
a-BHC	ND	0.0000250	0.000100	-	-	-
b-BHC	ND	0.000250	0.000300	-	-	-
d-BHC	ND	0.000130	0.000200	-	-	-
g-BHC	ND	0.0000660	0.000100	-	-	-
Chlordane (Technical)	ND	0.000430	0.00250	-	-	-
a-Chlordane	ND	0.0000950	0.000100	-	-	-
g-Chlordane	ND	0.0000470	0.000100	-	-	-
p,p-DDD	ND	0.0000430	0.000100	-	-	-
p,p-DDE	ND	0.0000940	0.000100	-	-	-
p,p-DDT	ND	0.0000920	0.000100	-	-	-
Dieldrin	ND	0.0000610	0.000100	-	-	-
Endosulfan I	ND	0.0000480	0.000100	-	-	-
Endosulfan II	ND	0.0000760	0.000100	-	-	-
Endosulfan sulfate	ND	0.0000780	0.000100	-	-	-
Endrin	ND	0.0000350	0.000100	-	-	-
Endrin aldehyde	ND	0.0000670	0.000100	-	-	-
Endrin ketone	ND	0.0000840	0.000100	-	-	-
Heptachlor	ND	0.0000400	0.000100	-	-	-
Heptachlor epoxide	ND	0.0000540	0.000100	-	-	-
Hexachlorobenzene	ND	0.000110	0.00100	-	-	-
Hexachlorocyclopentadiene	ND	0.000340	0.00200	-	-	-
Methoxychlor	ND	0.000130	0.000200	-	-	-
Toxaphene	ND	0.00340	0.00500	-	-	-
Aroclor1016	ND	0.00200	0.00500	-	-	-
Aroclor1221	ND	0.00220	0.00500	-	-	-
Aroclor1232	ND	0.00220	0.00500	-	-	-
Aroclor1242	ND	0.00220	0.00500	-	-	-
Aroclor1248	ND	0.00220	0.00500	-	-	-
Aroclor1254	ND	0.00220	0.00500	-	-	-
Aroclor1260	ND	0.00220	0.00500	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.00465			0.005	93	28-170

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Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC40
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199616
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199616

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00343	0.00371	0.0050	69	74	31-155	7.97	20
a-BHC	0.00354	0.00383	0.0050	71	77	32-160	8.03	20
b-BHC	0.00370	0.00404	0.0050	74	81	44-149	8.83	20
d-BHC	0.00394	0.00434	0.0050	79	87	37-157	9.65	20
g-BHC	0.00353	0.00384	0.0050	71	77	43-154	8.33	20
a-Chlordane	0.00327	0.00358	0.0050	65	72	39-150	9.02	20
g-Chlordane	0.00362	0.00396	0.0050	72	79	39-151	8.80	20
p,p-DDD	0.00389	0.00429	0.0050	78	86	30-158	9.61	20
p,p-DDE	0.00354	0.00387	0.0050	71	77	47-149	8.86	20
p,p-DDT	0.00376	0.00416	0.0050	75	83	56-166	10.1	20
Dieldrin	0.00404	0.00441	0.0050	81	88	50-163	8.80	20
Endosulfan I	0.00354	0.00384	0.0050	71	77	45-159	7.99	20
Endosulfan II	0.00376	0.00413	0.0050	75	83	41-155	9.32	20
Endosulfan sulfate	0.00385	0.00425	0.0050	77	85	45-156	10.0	20
Endrin	0.00385	0.00425	0.0050	77	85	54-154	9.74	20
Endrin aldehyde	0.00350	0.00384	0.0050	70	77	27-159	9.24	20
Endrin ketone	0.00331	0.00366	0.0050	66	73	40-147	10.2	20
Heptachlor	0.00366	0.00393	0.0050	73	79	52-165	7.19	20
Heptachlor epoxide	0.00350	0.00379	0.0050	70	76	46-145	7.89	20
Hexachlorobenzene	0.00310	0.00335	0.0050	62	67	22-156	7.53	20
Hexachlorocyclopentadiene	0.00237	0.00245	0.0050	47	49	43-173	3.35	20
Methoxychlor	0.00398	0.00435	0.0050	80	87	49-150	8.86	20
Aroclor1016	0.0122	0.0121	0.015	81	81	49-120	1.17	20
Aroclor1260	0.0136	0.0128	0.015	91	86	48-160	5.78	20
Surrogate Recovery								
Decachlorobiphenyl	0.00476	0.00506	0.0050	95	101	28-170	6.02	20



Quality Control Report

Client: Langan
Date Prepared: 06/03/2020
Date Analyzed: 06/03/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199412
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199412

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Alachlor	ND	0.0420	0.100	-	-	-
Atrazine	ND	0.0230	0.100	-	-	-
Azinphos methyl (Guthion)	ND	0.0730	0.100	-	-	-
Bolstar (Sulprofos)	ND	0.0530	0.100	-	-	-
Chloropyrifos	ND	0.0550	0.100	-	-	-
Coumaphos	ND	0.0700	0.100	-	-	-
Demeton	ND	0.0430	0.100	-	-	-
Diazinon	ND	0.0420	0.100	-	-	-
Dichlorvos (DDVP)	ND	0.0360	0.100	-	-	-
Dimethoate	ND	0.0360	0.100	-	-	-
Disulfoton (Di-Syston)	ND	0.0510	0.100	-	-	-
EPN	ND	0.0560	0.100	-	-	-
EPTC	ND	0.0260	0.100	-	-	-
Ethion	ND	0.0360	0.100	-	-	-
Ethoprop	ND	0.0350	0.100	-	-	-
Ethyl parathion	ND	0.0250	0.100	-	-	-
Fensulfothion	ND	0.0540	0.100	-	-	-
Fenthion	ND	0.0440	0.100	-	-	-
Fonofos	ND	0.0380	0.100	-	-	-
Malathion	ND	0.0460	0.100	-	-	-
Mevinphos (Phosdrin)	ND	0.0780	0.100	-	-	-
Molinate	ND	0.0340	0.100	-	-	-
Methyl parathion	ND	0.0400	0.100	-	-	-
Phorate (Thimet)	ND	0.0440	0.100	-	-	-
Prometon	ND	0.0370	0.100	-	-	-
Ronnel	ND	0.0460	0.100	-	-	-
Simazine	ND	0.0660	0.100	-	-	-
Stirofos (Tetrachlorvinphos)	ND	0.0440	0.100	-	-	-
Terbacil	ND	0.0330	0.100	-	-	-
Terbufos (Terbuphos)	ND	0.0520	0.100	-	-	-
Thiobencarb	ND	0.0330	0.100	-	-	-
Tokuthion (Prothiofos)	ND	0.0410	0.100	-	-	-
Trichloronate (Agritox)	ND	0.0570	0.100	-	-	-

Surrogate Recovery

1-Bromo-2-Nitrobenzene	0.175			0.2	87	60-140
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Quality Control Report

Client: Langan
Date Prepared: 06/03/2020
Date Analyzed: 06/03/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199412
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199412

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Alachlor	0.522	0.517	0.60	87	86	50-160	0.914	20
Atrazine	0.521	0.519	0.60	87	87	50-160	0.397	20
Azinphos methyl (Guthion)	0.679	0.669	0.60	113	111	60-140	1.56	20
Bolstar (Sulprofos)	0.599	0.604	0.60	100	101	60-140	0.873	20
Chloropyrifos	0.514	0.461	0.60	86	77	60-140	10.9	20
Coumaphos	0.699	0.722	0.60	116	120	60-140	3.31	20
Demeton	0.632	0.629	0.60	105	105	60-140	0.442	20
Diazinon	0.485	0.480	0.60	81	80	60-140	0.931	20
Dichlorvos (DDVP)	0.448	0.452	0.60	75	75	60-140	0.888	20
Dimethoate	0.608	0.615	0.60	101	103	60-140	1.24	20
Disulfoton (Di-Syston)	0.532	0.534	0.60	89	89	50-160	0.380	20
EPN	0.794	0.732	0.60	132	122	60-140	8.07	20
EPTC	0.458	0.457	0.60	76	76	60-140	0.280	20
Ethion	0.574	0.574	0.60	96	96	60-140	0.104	20
Ethoprop	0.602	0.603	0.60	100	101	60-140	0.131	20
Ethyl parathion	0.587	0.577	0.60	98	96	60-140	1.76	20
Fensulfothion	0.754	0.743	0.60	126	124	60-140	1.46	20
Fenthion	0.497	0.506	0.60	83	84	50-160	1.64	20
Fonofos	0.467	0.468	0.60	78	78	60-140	0.294	20
Malathion	0.577	0.585	0.60	96	98	60-140	1.42	20
Mevinphos (Phosdrin)	0.655	0.570	0.60	109	95	60-140	14.0	20
Molinate	0.507	0.495	0.60	85	82	60-140	2.49	20
Methyl parathion	0.592	0.582	0.60	99	97	50-160	1.56	20
Phorate (Thimet)	0.504	0.509	0.60	84	85	60-140	0.953	20
Prometon	0.590	0.584	0.60	98	97	60-140	0.983	20
Ronnel	0.471	0.489	0.60	78	81	60-140	3.68	20
Simazine	0.497	0.509	0.60	83	85	60-140	2.39	20
Stirofos (Tetrachlorvinphos)	0.621	0.607	0.60	104	101	60-140	2.39	20
Terbacil	0.636	0.662	0.60	106	110	60-140	3.90	20
Terbufos (Terbuphos)	0.497	0.505	0.60	83	84	60-140	1.58	20
Thiobencarb	0.507	0.509	0.60	84	85	60-140	0.425	20
Tokuthion (Prothiofos)	0.588	0.585	0.60	98	98	60-140	0.414	20
Trichloronate (Agritox)	0.519	0.495	0.60	87	83	60-140	4.74	20
Surrogate Recovery								
1-Bromo-2-Nitrobenzene	0.194	0.192	0.20	97	96	60-140	0.772	20



Quality Control Report

Client: Langan
Date Prepared: 06/03/2020
Date Analyzed: 06/03/2020
Instrument: GC15A
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199411
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199411
 2006034-004AMS/MSD

QC Summary Report for SW8151A

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acifluorfen	ND	0.0390	0.0500	-	-	-
Bentazon	ND	0.0120	0.0500	-	-	-
Chloramben	ND	0.0250	0.0500	-	-	-
2,4-D (Dichlorophenoxyacetic acid)	ND	0.0150	0.0500	-	-	-
2,4-DB	ND	0.0190	0.0500	-	-	-
Dalapon	ND	0.0770	0.100	-	-	-
DCPA (mono & diacid)	ND	0.0120	0.0500	-	-	-
Dicamba	ND	0.0110	0.0500	-	-	-
3,5-Dichlorobenzoic Acid	ND	0.0110	0.0500	-	-	-
Dichloroprop	ND	0.0170	0.0500	-	-	-
Dinoseb (DNBP)	ND	0.0180	0.0500	-	-	-
MCPA	ND	1.30	5.00	-	-	-
MCPP	ND	1.40	5.00	-	-	-
4-Nitrophenol	ND	0.0280	0.0500	-	-	-
Pentachlorophenol (PCP)	ND	0.0130	0.0500	-	-	-
Picloram	ND	0.00900	0.0500	-	-	-
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.00950	0.0500	-	-	-
2,4,5-TP (Silvex)	ND	0.00790	0.0500	-	-	-
Surrogate Recovery						
DCAA	0.116			0.1	116	77-116



Quality Control Report

Client: Langan
Date Prepared: 06/03/2020
Date Analyzed: 06/03/2020
Instrument: GC15A
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199411
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199411
 2006034-004AMS/MSD

QC Summary Report for SW8151A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acifluorfen	0.105	0.108	0.10	105	108	31-145	2.54	30
Bentazon	0.0976	0.0945	0.10	98	94	60-140	3.28	30
Chloramben	0.0988	0.102	0.10	99	101	60-140	2.71	30
2,4-D (Dichlorophenoxyacetic acid)	0.0956	0.0979	0.10	96	98	72-121	2.39	30
2,4-DB	0.102	0.106	0.10	102	106	69-134	4.29	30
Dalapon	0.0980	0.101	0.10	98	101	73-117	3.31	30
DCPA (mono & diacid)	0.0909	0.0929	0.10	91	93	60-140	2.11	30
Dicamba	0.0952	0.0971	0.10	95	97	71-121	1.90	30
3,5-Dichlorobenzoic Acid	0.0890	0.0914	0.10	89	91	60-140	2.66	30
Dichloroprop	0.0905	0.0923	0.10	90	92	60-140	1.97	30
Dinoseb (DNBP)	0.0992	0.102	0.10	99	102	60-140	2.52	30
MCPA	9.22	9.41	10	92	94	60-140	2.07	30
MCPP	9.46	9.83	10	95	98	60-140	3.79	30
4-Nitrophenol	0.0792	0.0822	0.10	79	82	60-140	3.74	30
Pentachlorophenol (PCP)	0.107	0.109	0.10	107	109	68-135	1.95	30
Picloram	0.106	0.109	0.10	106	109	60-140	2.60	30
2,4,5-T (Trichlorophenoxy acetic acid)	0.0938	0.0962	0.10	94	96	60-140	2.50	30
2,4,5-TP (Silvex)	0.0994	0.102	0.10	99	102	70-130	2.55	30

Surrogate Recovery

DCAA	0.114	0.111	0.10	114	111	77-116	2.56	30
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acifluorfen	10	0.116	0.120	0.10	ND<0.50	116	120	60-140	3.46	30
Bentazon	10	0.104	0.104	0.10	ND<0.50	104	104	60-140	0.478	30
Chloramben	10	0.0858	0.0927	0.10	ND<0.50	86	93	60-140	7.69	30
2,4-D (Dichlorophenoxyacetic acid)	10	0.0928	0.0928	0.10	ND<0.50	93	93	56-156	0.0679	30
2,4-DB	10	0.0882	0.102	0.10	ND<0.50	88	102	45-164	14.6	30
Dalapon	10	0.0953	0.0951	0.10	ND<1.0	95	95	54-142	0.300	30
DCPA (mono & diacid)	10	0.0904	0.0932	0.10	ND<0.50	90	93	60-140	3.14	30
Dicamba	10	0.0731	0.0777	0.10	ND<0.50	73	78	65-131	6.10	30
3,5-Dichlorobenzoic Acid	10	0.0967	0.0932	0.10	ND<0.50	97	93	60-140	3.74	30
Dichloroprop	10	0.104	0.0996	0.10	ND<0.50	104	100	60-140	4.66	30
Dinoseb (DNBP)	10	0.0841	0.0871	0.10	ND<0.50	84	87	60-140	3.48	30
MCPA	10	10.2	11.5	10	ND<50	102	115	60-140	11.9	30
MCPP	10	9.24	8.91	10	ND<50	92	89	60-140	3.53	30

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Quality Control Report

Client: Langan
Date Prepared: 06/03/2020
Date Analyzed: 06/03/2020
Instrument: GC15A
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199411
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199411
 2006034-004AMS/MSD

QC Summary Report for SW8151A

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
4-Nitrophenol	10	0.0813	0.0846	0.10	ND<0.50	81	85	60-140	4.02	30
Pentachlorophenol (PCP)	10	0.0777	0.0778	0.10	ND<0.50	78	78	60-140	0.197	30
Picloram	10	0.0912	0.0933	0.10	ND<0.50	91	93	60-140	2.20	30
2,4,5-T (Trichlorophenoxy acetic acid)	10	0.0913	0.0947	0.10	ND<0.50	91	95	60-140	3.63	30
2,4,5-TP (Silvex)	10	0.0873	0.0894	0.10	ND<0.50	87	89	61-131	2.37	30
Surrogate Recovery										
DCAA	10	0.100	0.100	0.10		100	100	63-121	0.0468	20



Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/02/2020
Instrument: GC38
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199318
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199318

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.0670	0.100	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.000780	0.00500	-	-	-
Benzene	ND	0.000980	0.00500	-	-	-
Bromobenzene	ND	0.00120	0.00500	-	-	-
Bromochloromethane	ND	0.00110	0.00500	-	-	-
Bromodichloromethane	ND	0.000280	0.00100	-	-	-
Bromoform	0.00215,J	0.00170	0.00500	-	-	-
Bromomethane	ND	0.00180	0.00500	-	-	-
2-Butanone (MEK)	0.0187,J	0.0110	0.0200	-	-	-
t-Butyl alcohol (TBA)	ND	0.0320	0.0500	-	-	-
n-Butyl benzene	ND	0.00210	0.00500	-	-	-
sec-Butyl benzene	ND	0.00170	0.00500	-	-	-
tert-Butyl benzene	ND	0.00130	0.00500	-	-	-
Carbon Disulfide	ND	0.00300	0.00500	-	-	-
Carbon Tetrachloride	ND	0.000900	0.00500	-	-	-
Chlorobenzene	ND	0.000860	0.00500	-	-	-
Chloroethane	ND	0.00200	0.00500	-	-	-
Chloroform	ND	0.000110	0.00500	-	-	-
Chloromethane	ND	0.00260	0.00500	-	-	-
2-Chlorotoluene	ND	0.00160	0.00500	-	-	-
4-Chlorotoluene	ND	0.00120	0.00500	-	-	-
Dibromochloromethane	ND	0.000190	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.000160	0.000250	-	-	-
1,2-Dibromoethane (EDB)	0.0000450,J	0.0000340	0.000100	-	-	-
Dibromomethane	ND	0.000810	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00110	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.000850	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00130	0.00500	-	-	-
1,1-Dichloroethane	ND	0.000880	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0000430	0.000250	-	-	-
1,1-Dichloroethene	0.0000354,J	0.0000280	0.000250	-	-	-
cis-1,2-Dichloroethene	ND	0.000840	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00110	0.00500	-	-	-
1,2-Dichloropropane	ND	0.000800	0.00500	-	-	-
1,3-Dichloropropane	ND	0.000700	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00190	0.00500	-	-	-
1,1-Dichloropropene	ND	0.000830	0.00500	-	-	-

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Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/02/2020
Instrument: GC38
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199318
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199318

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00170	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.00200	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.00110	0.00500	-	-	-
Ethylbenzene	ND	0.000950	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.00110	0.00500	-	-	-
Freon 113	ND	0.00110	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00230	0.00500	-	-	-
Hexachloroethane	ND	0.00140	0.00500	-	-	-
2-Hexanone	ND	0.00310	0.00500	-	-	-
Isopropylbenzene	ND	0.00170	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00150	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00170	0.00500	-	-	-
Methylene chloride	ND	0.00800	0.0100	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00290	0.00500	-	-	-
Naphthalene	ND	0.00360	0.00500	-	-	-
n-Propyl benzene	ND	0.00160	0.00500	-	-	-
Styrene	ND	0.00270	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.000890	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	0.0000886,J	0.0000870	0.000250	-	-	-
Tetrachloroethene	ND	0.000200	0.00100	-	-	-
Toluene	ND	0.00160	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00370	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00180	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.000840	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.000670	0.00500	-	-	-
Trichloroethene	ND	0.00160	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00140	0.00500	-	-	-
1,2,3-Trichloropropane	0.0000660,J	0.0000420	0.000100	-	-	-
1,2,4-Trimethylbenzene	ND	0.00150	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00160	0.00500	-	-	-
Vinyl Chloride	ND	0.0000530	0.000250	-	-	-
m,p-Xylene	ND	0.00230	0.00500	-	-	-
o-Xylene	ND	0.000740	0.00500	-	-	-

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Quality Control Report

Client: Langan	WorkOrder: 2006034
Date Prepared: 06/01/2020	BatchID: 199318
Date Analyzed: 06/02/2020	Extraction Method: SW5030B
Instrument: GC38	Analytical Method: SW8260B
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 7th St.	Sample ID: MB/LCS/LCSD-199318

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.124			0.125	100	87-127
Toluene-d8	0.133			0.125	106	93-141
4-BFB	0.0120			0.0125	96	84-137
Benzene-d6	0.106			0.1	106	67-131
Ethylbenzene-d10	0.110			0.1	109	78-153
1,2-DCB-d4	0.0831			0.1	83	63-109



Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/02/2020
Instrument: GC38
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199318
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199318

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.230	0.236	0.20	115	118	48-156	2.77	30
tert-Amyl methyl ether (TAME)	0.0166	0.0169	0.020	83	84	56-115	1.50	30
Benzene	0.0187	0.0186	0.020	93	93	63-131	0.272	30
Bromobenzene	0.0188	0.0191	0.020	94	95	66-127	1.26	30
Bromochloromethane	0.0193	0.0190	0.020	97	95	64-124	1.42	30
Bromodichloromethane	0.0183	0.0184	0.020	92	92	64-120	0.689	30
Bromoform	0.0179	0.0182	0.020	90	91	48-92	1.76	30
Bromomethane	0.0147	0.0146	0.020	73	73	25-163	0.852	30
2-Butanone (MEK)	0.0776	0.0855	0.080	97	107	51-133	9.62	30
t-Butyl alcohol (TBA)	0.0754	0.0794	0.080	94	99	52-129	5.28	30
n-Butyl benzene	0.0231	0.0233	0.020	116	117	83-200	0.882	30
sec-Butyl benzene	0.0223	0.0224	0.020	112	112	81-199	0.376	30
tert-Butyl benzene	0.0217	0.0220	0.020	108	110	79-178	1.56	30
Carbon Disulfide	0.0164	0.0161	0.020	82	81	64-136	1.57	30
Carbon Tetrachloride	0.0200	0.0201	0.020	100	101	66-140	0.390	30
Chlorobenzene	0.0180	0.0179	0.020	90	90	73-116	0.495	30
Chloroethane	0.0152	0.0150	0.020	76	75	35-147	0.849	30
Chloroform	0.0202	0.0202	0.020	101	101	65-130	0.429	30
Chloromethane	0.0108	0.0106	0.020	54	53	30-137	2.16	30
2-Chlorotoluene	0.0204	0.0209	0.020	102	104	75-152	2.56	30
4-Chlorotoluene	0.0198	0.0197	0.020	99	99	71-148	0.429	30
Dibromochloromethane	0.0177	0.0178	0.020	89	89	61-106	0.666	30
1,2-Dibromo-3-chloropropane	0.00734	0.00752	0.010	73	75	36-120	2.50	30
1,2-Dibromoethane (EDB)	0.00850	0.00857	0.010	85	86	67-118	0.790	30
Dibromomethane	0.0163	0.0166	0.020	82	83	61-116	1.27	30
1,2-Dichlorobenzene	0.0157	0.0159	0.020	78	80	59-106	1.49	30
1,3-Dichlorobenzene	0.0188	0.0190	0.020	94	95	75-129	1.23	30
1,4-Dichlorobenzene	0.0172	0.0174	0.020	86	87	66-127	1.14	30
Dichlorodifluoromethane	0.00350	0.00352	0.020	18	18	13-74	0.456	30
1,1-Dichloroethane	0.0188	0.0188	0.020	94	94	65-134	0.00982	30
1,2-Dichloroethane (1,2-DCA)	0.0191	0.0192	0.020	96	96	57-131	0.590	30
1,1-Dichloroethene	0.0184	0.0184	0.020	92	92	62-127	0.0397	30
cis-1,2-Dichloroethene	0.0182	0.0183	0.020	91	91	66-130	0.316	30
trans-1,2-Dichloroethene	0.0179	0.0178	0.020	90	89	60-131	0.929	30
1,2-Dichloropropane	0.0179	0.0180	0.020	90	90	63-127	0.121	30
1,3-Dichloropropane	0.0191	0.0182	0.020	96	91	68-124	4.94	30
2,2-Dichloropropane	0.0191	0.0189	0.020	95	94	63-150	0.891	30
1,1-Dichloropropene	0.0179	0.0181	0.020	89	90	67-134	1.03	30

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Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/02/2020
Instrument: GC38
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199318
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199318

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0208	0.0209	0.020	104	104	65-138	0.0494	30
trans-1,3-Dichloropropene	0.0210	0.0211	0.020	105	106	66-124	0.680	30
Diisopropyl ether (DIPE)	0.0179	0.0179	0.020	89	89	58-129	0.211	30
Ethylbenzene	0.0198	0.0198	0.020	99	99	73-145	0.305	30
Ethyl tert-butyl ether (ETBE)	0.0172	0.0173	0.020	86	87	62-125	0.447	30
Freon 113	0.0147	0.0147	0.020	73	73	55-116	0.0712	30
Hexachlorobutadiene	0.0236	0.0237	0.020	118	118	75-178	0.428	30
Hexachloroethane	0.0217	0.0219	0.020	109	109	75-152	0.627	30
2-Hexanone	0.0161	0.0164	0.020	80	82	41-113	1.98	30
Isopropylbenzene	0.0219	0.0221	0.020	109	111	67-172	1.10	30
4-Isopropyl toluene	0.0222	0.0223	0.020	111	112	88-171	0.544	30
Methyl-t-butyl ether (MTBE)	0.0180	0.0181	0.020	90	90	58-122	0.582	30
Methylene chloride	0.0193	0.0193	0.020	96	97	57-140	0.104	30
4-Methyl-2-pentanone (MIBK)	0.0155	0.0162	0.020	78	81	42-117	4.18	30
Naphthalene	0.00911	0.00946	0.020	46	47	29-65	3.82	30
n-Propyl benzene	0.0228	0.0230	0.020	114	115	85-174	0.880	30
Styrene	0.0180	0.0180	0.020	90	90	63-126	0.130	30
1,1,1,2-Tetrachloroethane	0.0183	0.0185	0.020	91	93	68-131	1.38	30
1,1,2,2-Tetrachloroethane	0.0172	0.0176	0.020	86	88	45-121	1.69	30
Tetrachloroethene	0.0200	0.0200	0.020	100	100	65-150	0.109	30
Toluene	0.0190	0.0191	0.020	95	96	72-135	0.414	30
1,2,3-Trichlorobenzene	0.0114	0.0113	0.020	57	56	35-80	0.912	30
1,2,4-Trichlorobenzene	0.0141	0.0145	0.020	71	73	45-103	2.85	30
1,1,1-Trichloroethane	0.0178	0.0179	0.020	89	90	67-137	0.458	30
1,1,2-Trichloroethane	0.0174	0.0173	0.020	87	86	67-117	0.448	30
Trichloroethene	0.0170	0.0170	0.020	85	85	62-135	0.198	30
Trichlorofluoromethane	0.0143	0.0143	0.020	72	72	56-124	0.0666	30
1,2,3-Trichloropropane	0.00890	0.00905	0.010	89	90	58-133	1.62	30
1,2,4-Trimethylbenzene	0.0200	0.0200	0.020	100	100	78-161	0.395	30
1,3,5-Trimethylbenzene	0.0214	0.0215	0.020	107	108	85-170	0.725	30
Vinyl Chloride	0.00558	0.00553	0.010	56	55	32-142	0.777	30
m,p-Xylene	0.0389	0.0392	0.040	97	98	70-138	0.621	30
o-Xylene	0.0186	0.0184	0.020	93	92	69-135	0.705	30

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/02/2020
Instrument: GC38
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199318
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199318

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.126	0.120	0.12	101	96	87-127	4.79	30
Toluene-d8	0.128	0.127	0.12	102	102	93-141	0.0983	30
4-BFB	0.0121	0.0123	0.012	97	98	84-137	1.07	30
Benzene-d6	0.0912	0.0919	0.10	91	92	67-131	0.757	30
Ethylbenzene-d10	0.0960	0.0969	0.10	96	97	78-153	0.950	30
1,2-DCB-d4	0.0778	0.0785	0.10	78	79	63-109	0.884	30



Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199589
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199589
 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00150	0.00250	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.00350	0.0130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.0130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-

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Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199589
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199589
 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

(Cont.)



Quality Control Report

Client: Langan	WorkOrder: 2006034
Date Prepared: 06/05/2020	BatchID: 199589
Date Analyzed: 06/05/2020	Extraction Method: SW3550B/3640A
Instrument: GC21	Analytical Method: SW8270C
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 7th St.	Sample ID: MB/LCS/LCSD-199589 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	1.25			1.25	100	60-130
Phenol-d5	1.11			1.25	89	60-130
Nitrobenzene-d5	0.981			1.25	78	60-130
2-Fluorobiphenyl	0.988			1.25	79	60-130
2,4,6-Tribromophenol	0.923			1.25	74	50-130
4-Terphenyl-d14	0.946			1.25	76	50-130



Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199589
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199589
 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.107	0.133	0.12	86	106	60-130	21.3	30
Acenaphthylene	0.0777	0.0952	0.12	62	76	60-130	20.2	30
Anthracene	0.124	0.145	0.12	100	116	60-130	15.1	30
Benzidine	3.65	4.45	12.5	29,F2	36	30-130	19.8	30
Benzo (a) anthracene	0.0955	0.109	0.12	76	88	60-130	13.6	30
Benzo (a) pyrene	0.104	0.120	0.12	83	96	60-130	14.0	30
Benzo (b) fluoranthene	0.0944	0.109	0.12	76	87	40-130	14.6	30
Benzo (g,h,i) perylene	0.122	0.141	0.12	98	113	60-130	14.6	30
Benzo (k) fluoranthene	0.0995	0.116	0.12	80	93	60-130	15.1	30
Benzyl Alcohol	8.96	10.8	12.5	72	87	60-130	18.7	30
Bis (2-chloroethoxy) Methane	2.08	2.47	2.5	83	99	60-130	17.5	30
Bis (2-chloroethyl) Ether	0.0816	0.0948	0.12	65	76	60-130	14.9	30
Bis (2-chloroisopropyl) Ether	0.0915	0.100	0.12	73	80	60-130	9.29	30
Bis (2-ethylhexyl) Adipate	2.20	2.41	2.5	88	96	40-130	9.21	30
Bis (2-ethylhexyl) Phthalate	0.105	0.120	0.12	84	96	60-130	13.3	30
4-Bromophenyl Phenyl Ether	2.16	2.51	2.5	86	100	60-130	15.0	30
Butylbenzyl Phthalate	0.0986	0.112	0.12	79	90	60-130	13.2	30
4-Chloroaniline	0.0652	0.0861	0.12	52	69	40-130	27.7	30
4-Chloro-3-methylphenol	2.12	2.50	2.5	85	100	60-130	16.7	30
2-Chloronaphthalene	2.03	2.42	2.5	81	97	60-130	17.6	30
2-Chlorophenol	0.102	0.118	0.12	82	95	60-130	14.4	30
4-Chlorophenyl Phenyl Ether	2.06	2.47	2.5	82	99	60-130	18.2	30
Chrysene	0.101	0.112	0.12	81	89	60-130	10.1	30
Dibenzo (a,h) anthracene	0.108	0.125	0.12	86	100	60-130	14.9	30
Dibenzofuran	2.03	2.46	2.5	81	98	60-130	19.3	30
Di-n-butyl Phthalate	0.102	0.124	0.12	81	99	60-130	20.2	30
1,2-Dichlorobenzene	2.14	2.43	2.5	86	97	60-130	12.8	30
1,3-Dichlorobenzene	2.04	2.28	2.5	82	91	60-130	11.1	30
1,4-Dichlorobenzene	1.96	2.19	2.5	78	88	60-130	11.1	30
3,3-Dichlorobenzidine	0.0715	0.0847	0.12	57	68	40-130	16.9	30
2,4-Dichlorophenol	0.115	0.135	0.12	92	108	60-130	16.0	30
Diethyl Phthalate	0.109	0.136	0.12	87	109	60-130	22.0	30
2,4-Dimethylphenol	2.45	2.83	2.5	98	113	60-130	14.4	30
Dimethyl Phthalate	0.0999	0.121	0.12	80	97	60-130	18.9	30
4,6-Dinitro-2-methylphenol	8.99	11.3	12.5	72	90	30-130	22.9	30
2,4-Dinitrophenol	1.61	2.25	2.5	64	90	15-130	33.0,F2	30
2,4-Dinitrotoluene	0.121	0.150	0.12	97	120	60-130	21.5	30
2,6-Dinitrotoluene	0.105	0.130	0.12	84	104	60-130	20.6	30

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199589
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199589
 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Di-n-octyl Phthalate	0.119	0.134	0.12	95	107	60-130	11.4	30
1,2-Diphenylhydrazine	2.08	2.46	2.5	83	98	60-130	16.6	30
Fluoranthene	0.0998	0.119	0.12	80	95	60-130	17.8	30
Fluorene	0.141	0.137	0.12	113	110	60-130	2.80	30
Hexachlorobenzene	0.100	0.118	0.12	80	95	60-130	16.6	30
Hexachlorobutadiene	0.0999	0.116	0.12	80	92	60-130	14.5	30
Hexachlorocyclopentadiene	9.25	11.4	12.5	74	91	40-130	20.9	30
Hexachloroethane	0.106	0.120	0.12	85	96	60-130	11.8	30
Indeno (1,2,3-cd) pyrene	0.104	0.119	0.12	84	95	60-130	13.3	30
Isophorone	2.04	2.42	2.5	82	97	60-130	17.0	30
2-Methylnaphthalene	0.0952	0.112	0.12	76	89	60-130	16.0	30
2-Methylphenol (o-Cresol)	2.31	2.51	2.5	93	100	60-130	8.07	30
3 & 4-Methylphenol (m,p-Cresol)	2.10	2.43	2.5	84	97	60-130	14.3	30
Naphthalene	0.0801	0.0930	0.12	64	74	60-130	14.9	30
2-Nitroaniline	10.8	13.0	12.5	87	104	60-130	18.5	30
3-Nitroaniline	8.32	10.4	12.5	67	83	30-130	22.2	30
4-Nitroaniline	9.04	11.4	12.5	72	91	60-130	22.9	30
Nitrobenzene	2.03	2.36	2.5	81	95	60-130	15.3	30
2-Nitrophenol	10.8	12.8	12.5	87	102	60-130	16.5	30
4-Nitrophenol	10.0	12.1	12.5	80	97	60-130	18.6	30
N-Nitrosodiphenylamine	2.04	2.44	2.5	81	98	60-130	18.0	30
N-Nitrosodi-n-propylamine	1.74	2.05	2.5	69	82	60-130	16.4	30
Pentachlorophenol	0.480	0.570	0.62	77	91	40-130	16.9	30
Phenanthrene	0.102	0.120	0.12	81	96	60-130	16.5	30
Phenol	0.431	0.493	0.50	86	99	60-130	13.4	30
Pyrene	0.106	0.119	0.12	85	95	60-130	11.4	30
Pyridine	1.27	1.48	2.5	51	59	30-130	15.3	30
1,2,4-Trichlorobenzene	2.08	2.43	2.5	83	97	60-130	15.7	30
2,4,5-Trichlorophenol	0.120	0.141	0.12	96	113	60-130	16.1	30
2,4,6-Trichlorophenol	0.103	0.126	0.12	82	101	60-130	20.2	30

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199589
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199589
 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.07	1.19	1.25	85	95	60-130	10.6	30
Phenol-d5	0.941	1.04	1.25	75	83	60-130	9.56	30
Nitrobenzene-d5	0.936	1.10	1.25	75	88	60-130	15.8	30
2-Fluorobiphenyl	0.932	1.06	1.25	75	85	60-130	13.1	30
2,4,6-Tribromophenol	0.822	0.920	1.25	66	74	50-130	11.2	30
4-Terphenyl-d14	0.946	1.01	1.25	76	81	50-130	6.72	30

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acenaphthene	1	0.101	0.112	0.12	ND	81	89	60-130	9.70	30
Acenaphthylene	1	0.0732	0.0825	0.12	ND	59,F1	66	60-130	12.0	30
Anthracene	1	0.116	0.124	0.12	ND	92	100	60-130	7.45	30
Benzidine	1	6.03	6.52	12.5	ND	48	52	30-130	7.72	30
Benzo (a) anthracene	1	0.0933	0.0974	0.12	ND	75	78	60-130	4.28	30
Benzo (a) pyrene	1	0.0997	0.107	0.12	ND	79	85	60-130	7.36	30
Benzo (b) fluoranthene	1	0.0909	0.0970	0.62	ND	14,F1	15,F1	40-130	6.51	30
Benzo (g,h,i) perylene	1	0.120	0.125	0.12	ND	95	99	60-130	3.91	30
Benzo (k) fluoranthene	1	0.0892	0.108	0.12	ND	71	86	60-130	18.8	30
Benzyl Alcohol	1	7.99	8.57	12.5	ND	64	69	60-130	7.05	30
Bis (2-chloroethoxy) Methane	1	1.94	2.19	2.5	ND	78	87	60-130	12.0	30
Bis (2-chloroethyl) Ether	1	0.0779	0.0835	0.12	ND	62	67	60-130	6.90	30
Bis (2-chloroisopropyl) Ether	1	0.0784	0.0922	0.12	ND	63	74	60-130	16.1	30
Bis (2-ethylhexyl) Adipate	1	2.00	2.23	2.5	ND	80	89	40-130	11.0	30
Bis (2-ethylhexyl) Phthalate	1	0.0998	0.113	0.12	ND	80	91	60-130	12.8	30
4-Bromophenyl Phenyl Ether	1	2.07	2.23	2.5	ND	83	89	60-130	7.54	30
Butylbenzyl Phthalate	1	0.102	0.110	0.12	ND	81	88	60-130	7.72	30
4-Chloroaniline	1	0.0947	0.106	0.12	ND	76	85	40-130	11.0	30
4-Chloro-3-methylphenol	1	2.03	2.12	2.5	ND	81	85	60-130	4.52	30
2-Chloronaphthalene	1	1.88	2.13	2.5	ND	75	85	60-130	12.2	30
2-Chlorophenol	1	0.0974	0.105	0.12	ND	78	84	60-130	7.72	30
4-Chlorophenyl Phenyl Ether	1	1.94	2.17	2.5	ND	78	87	60-130	11.0	30
Chrysene	1	0.0952	0.101	0.12	ND	76	81	60-130	6.09	30
Dibenzo (a,h) anthracene	1	0.105	0.110	0.12	ND	84	88	60-130	4.86	30
Dibenzofuran	1	1.88	2.13	2.5	ND	75	85	60-130	12.1	30
Di-n-butyl Phthalate	1	0.0965	0.107	0.12	ND	77	85	60-130	10.2	30

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199589
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199589
 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,2-Dichlorobenzene	1	1.90	2.12	2.5	ND	76	85	60-130	11.1	30
1,3-Dichlorobenzene	1	1.75	1.96	2.5	ND	70	79	60-130	11.4	30
1,4-Dichlorobenzene	1	1.70	1.87	2.5	ND	68	75	60-130	9.58	30
3,3-Dichlorobenzidine	1	0.100	0.107	0.12	ND	80	86	40-130	6.25	30
2,4-Dichlorophenol	1	0.108	0.117	2.5	ND	4,F1	5,F1	60-130	7.66	30
Diethyl Phthalate	1	0.0984	0.111	0.12	ND	79	89	60-130	12.4	30
2,4-Dimethylphenol	1	2.31	2.49	2.5	ND	93	100	60-130	7.43	30
Dimethyl Phthalate	1	0.0960	0.104	0.12	ND	77	83	60-130	7.54	30
4,6-Dinitro-2-methylphenol	1	7.93	8.45	12.5	ND	63	68	30-130	6.34	30
2,4-Dinitrophenol	1	0.854	0.993	2.5	ND	34	40	15-130	15.0	30
2,4-Dinitrotoluene	1	0.113	0.126	0.12	ND	90	101	60-130	10.9	30
2,6-Dinitrotoluene	1	0.0982	0.110	0.12	ND	79	88	60-130	11.7	30
Di-n-octyl Phthalate	1	0.112	0.126	0.12	ND	90	101	60-130	11.7	30
1,2-Diphenylhydrazine	1	2.02	2.12	2.5	ND	81	85	60-130	5.31	30
Fluoranthene	1	0.0954	0.102	0.12	0.001391	75	80	60-130	6.36	30
Fluorene	1	0.105	0.115	0.12	ND	84	92	60-130	9.25	30
Hexachlorobenzene	1	0.0966	0.102	0.12	ND	77	82	60-130	5.88	30
Hexachlorobutadiene	1	0.0901	0.103	0.12	ND	72	82	60-130	13.2	30
Hexachlorocyclopentadiene	1	8.18	9.41	12.5	ND	65	75	40-130	13.9	30
Hexachloroethane	1	0.0928	0.104	0.12	ND	74	84	60-130	11.9	30
Indeno (1,2,3-cd) pyrene	1	0.102	0.108	0.12	ND	82	86	60-130	5.39	30
Isophorone	1	1.93	2.12	2.5	ND	77	85	60-130	9.41	30
2-Methylnaphthalene	1	0.0970	0.106	0.12	ND	78	85	60-130	9.08	30
2-Methylphenol (o-Cresol)	1	2.05	2.26	2.5	ND	82	91	60-130	9.86	30
3 & 4-Methylphenol (m,p-Cresol)	1	2.00	2.10	2.5	ND	80	84	60-130	4.89	30
Naphthalene	1	0.0742	0.0813	0.12	ND	59,F1	65	60-130	9.16	30
2-Nitroaniline	1	10.4	11.6	12.5	ND	83	93	60-130	11.5	30
3-Nitroaniline	1	10.3	11.4	12.5	ND	82	90	30-130	10.0	30
4-Nitroaniline	1	9.37	10.4	12.5	ND	75	83	60-130	10.0	30
Nitrobenzene	1	1.94	2.03	2.5	ND	78	81	60-130	4.38	30
2-Nitrophenol	1	10.2	11.3	12.5	ND	82	90	60-130	9.85	30
4-Nitrophenol	1	9.28	9.94	12.5	ND	74	80	60-130	6.89	30
N-Nitrosodiphenylamine	1	1.96	2.08	2.5	ND	78	83	60-130	6.37	30
N-Nitrosodi-n-propylamine	1	1.64	1.77	2.5	ND	66	71	60-130	7.96	30
Pentachlorophenol	1	0.458	0.485	0.62	ND	73	78	40-130	5.81	30
Phenanthrene	1	0.0980	0.104	0.12	ND	78	83	60-130	5.67	30
Phenol	1	0.413	0.434	0.50	ND	83	87	60-130	4.95	30
Pyrene	1	0.101	0.109	0.12	ND	79	85	60-130	7.20	30

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/05/2020
Date Analyzed: 06/05/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199589
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199589
 2006034-005AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Pyridine	1	0.979	1.27	2.5	ND	39	51	30-130	26.1	30
1,2,4-Trichlorobenzene	1	1.90	2.11	2.5	ND	76	84	60-130	10.0	30
2,4,5-Trichlorophenol	1	0.106	0.120	0.12	ND	85	96	60-130	12.0	30
2,4,6-Trichlorophenol	1	0.0969	0.107	0.12	ND	78	86	60-130	9.99	30
Surrogate Recovery										
2-Fluorophenol	1	1.10	1.09	1.25		88	87	60-130	1.39	30
Phenol-d5	1	0.952	0.987	1.25		76	79	60-130	3.70	30
Nitrobenzene-d5	1	0.942	1.03	1.25		75	83	60-130	9.23	30
2-Fluorobiphenyl	1	0.940	1.00	1.25		75	80	60-130	6.51	30
2,4,6-Tribromophenol	1	0.912	0.942	1.25		73	75	50-130	3.30	30
4-Terphenyl-d14	1	0.933	0.982	1.25		75	79	50-130	5.13	30



Quality Control Report

Client: Langan
Date Prepared: 06/02/2020
Date Analyzed: 06/02/2020
Instrument: ICP-MS5
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199339
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199339
 2006034-005AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.0940	0.500	-	-	-
Arsenic	ND	0.140	0.500	-	-	-
Barium	ND	0.970	5.00	-	-	-
Beryllium	ND	0.0720	0.500	-	-	-
Cadmium	0.0700,J	0.0580	0.250	-	-	-
Chromium	ND	0.0920	0.500	-	-	-
Cobalt	ND	0.0560	0.500	-	-	-
Copper	ND	0.0690	0.500	-	-	-
Lead	ND	0.0940	0.500	-	-	-
Mercury	ND	0.00500	0.0500	-	-	-
Molybdenum	ND	0.230	0.500	-	-	-
Nickel	ND	0.0720	0.500	-	-	-
Selenium	ND	0.130	0.500	-	-	-
Silver	ND	0.0550	0.500	-	-	-
Thallium	ND	0.100	0.500	-	-	-
Vanadium	ND	0.0640	0.500	-	-	-
Zinc	ND	1.40	5.00	-	-	-
Surrogate Recovery						
Terbium	540			500	108	70-130



Quality Control Report

Client: Langan
Date Prepared: 06/02/2020
Date Analyzed: 06/02/2020
Instrument: ICP-MS5
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199339
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199339
 2006034-005AMS/MSD

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	48.4	48.7	50	97	97	75-125	0.620	20
Arsenic	52.2	49.4	50	104	99	75-125	5.53	20
Barium	474	487	500	95	97	75-125	2.71	20
Beryllium	47.5	48.6	50	95	97	75-125	2.34	20
Cadmium	52.5	49.4	50	105	99	75-125	6.08	20
Chromium	52.2	49.0	50	104	98	75-125	6.46	20
Cobalt	49.1	49.7	50	98	99	75-125	1.17	20
Copper	52.5	49.5	50	105	99	75-125	5.79	20
Lead	47.0	49.6	50	94	99	75-125	5.54	20
Mercury	1.31	1.24	1.25	105	99	75-125	5.32	20
Molybdenum	49.2	49.7	50	98	99	75-125	0.964	20
Nickel	52.7	49.6	50	105	99	75-125	6.16	20
Selenium	52.0	49.7	50	104	99	75-125	4.55	20
Silver	46.8	48.4	50	94	97	75-125	3.35	20
Thallium	47.4	50.1	50	95	100	75-125	5.40	20
Vanadium	52.7	49.2	50	105	99	75-125	6.79	20
Zinc	531	497	500	106	99	75-125	6.48	20

Surrogate Recovery

Terbium	528	526	500	106	105	70-130	0.320	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	50.9	52.2	50	ND	101	104	75-125	2.69	20
Arsenic	1	50.4	51.4	50	2.196	96	98	75-125	1.96	20
Barium	1	552	578	500	53.36	100	105	75-125	4.55	20
Beryllium	1	49.1	51.0	50	ND	98	102	75-125	3.89	20
Cadmium	1	49.7	49.9	50	ND	99	99	75-125	0.396	20
Chromium	1	83.5	91.9	50	44.33	78	95	75-125	9.51	20
Cobalt	1	51.6	55.1	50	3.725	96	103	75-125	6.68	20
Copper	1	55.5	57.4	50	7.324	96	100	75-125	3.42	20
Lead	1	57.9	59.6	50	8.949	98	101	75-125	2.86	20
Mercury	1	1.25	1.28	1.25	ND	99	101	75-125	1.98	20
Molybdenum	1	51.6	52.9	50	ND	103	106	75-125	2.40	20
Nickel	1	71.1	77.0	50	23.80	95	106	75-125	7.89	20
Selenium	1	48.7	48.9	50	ND	97	98	75-125	0.387	20
Silver	1	48.7	50.2	50	ND	97	100	75-125	3.10	20

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/02/2020
Date Analyzed: 06/02/2020
Instrument: ICP-MS5
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199339
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-199339
 2006034-005AMS/MSD

QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	49.5	52.9	50	ND	99	106	75-125	6.63	20
Vanadium	1	75.7	82.7	50	29.00	93	107	75-125	8.93	20
Zinc	1	520	526	500	27.52	98	100	75-125	1.15	20
Surrogate Recovery										
Terbium	1	537	551	500		107	110	70-130	2.69	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.50	ND	-	-
Arsenic	ND<2.50	2.196	-	-
Barium	50.0	53.36	6.30	-
Beryllium	ND<2.50	ND	-	-
Cadmium	ND<1.20	ND	-	-
Chromium	43.1	44.33	2.77	20
Cobalt	3.55	3.725	4.70	-
Copper	6.84	7.324	6.61	-
Lead	8.67	8.949	3.12	-
Mercury	ND<0.250	ND	-	-
Molybdenum	ND<2.50	ND	-	-
Nickel	22.5	23.80	5.46	20
Selenium	ND<2.50	ND	-	-
Silver	ND<2.50	ND	-	-
Thallium	ND<2.50	ND	-	-
Vanadium	27.9	29.00	3.79	20
Zinc	31.4	27.52	14.1	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/01/2020 - 06/02/2020
Instrument: GC3
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199297
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199297

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-

Surrogate Recovery

2-Fluorotoluene	0.0926			0.1	93	75-134
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.562	0.566	0.60	94	94	82-118	0.600	20
MTBE	0.0930	0.0830	0.10	93	83	61-119	11.4	20
Benzene	0.0985	0.0952	0.10	98	95	77-128	3.43	20
Toluene	0.105	0.102	0.10	105	102	74-132	2.91	20
Ethylbenzene	0.102	0.100	0.10	102	100	84-127	2.05	20
m,p-Xylene	0.208	0.204	0.20	104	102	80-120	1.85	20
o-Xylene	0.0984	0.0975	0.10	98	97	80-120	0.875	20

Surrogate Recovery

2-Fluorotoluene	0.0988	0.0947	0.10	99	95	75-134	4.25	20
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Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/02/2020
Instrument: GC7
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199337
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199337

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-

Surrogate Recovery

2-Fluorotoluene	0.0919			0.1	92	75-134
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.647	0.709	0.60	108	118	82-118	9.12	20
MTBE	0.106	0.103	0.10	106	103	61-119	2.89	20
Benzene	0.104	0.101	0.10	104	101	77-128	2.56	20
Toluene	0.108	0.104	0.10	108	104	74-132	3.81	20
Ethylbenzene	0.106	0.105	0.10	106	105	84-127	1.00	20
m,p-Xylene	0.222	0.224	0.20	111	112	80-120	0.560	20
o-Xylene	0.104	0.104	0.10	104	104	80-120	0.414	20

Surrogate Recovery

2-Fluorotoluene	0.0954	0.0964	0.10	95	96	75-134	1.04	20
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Quality Control Report

Client: Langan
Date Prepared: 06/01/2020
Date Analyzed: 06/01/2020 - 06/03/2020
Instrument: GC39A, GC6B
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 199294
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-199294

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.830	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.80	5.00	-	-	-
Surrogate Recovery						
C9	25.1			25	100	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	39.2	39.5	40	98	99	70-130	0.851	20
Surrogate Recovery								
C9	24.8	24.8	25	99	99	70-130	0.0310	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

WaterTrax WriteOn EDF

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006034

ClientCode: TWRK

Excel EQulS Email HardCopy ThirdParty J-flag
 Detection Summary Dry-Weight

Report to:

Adam Brown
Langan
501 14th Street, 3rd Floor
Oakland, CA 94612
(415) 955-9040 FAX: (415) 955-9041

Email: abrown@langan.com
cc/3rd Party: bhayward@langan.com;
PO:
Project: 750664801; 1666 7th St.

Bill to:

Accounts Payable
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
Langan_InvoiceCapture@concur.solutio

Requested TAT: 5 days;

Date Received: 06/01/2020

Date Logged: 06/01/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2006034-001	B-1-1.5	Soil	5/29/2020 08:10	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A
2006034-002	B-1-3	Soil	5/29/2020 08:12	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A
2006034-003	B-1-5	Soil	5/29/2020 08:15	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A
2006034-004	B-2-1.5	Soil	5/29/2020 12:25	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A
2006034-005	B-2-3	Soil	5/29/2020 12:30	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A
2006034-006	B-2-5	Soil	5/29/2020 12:35	<input checked="" type="checkbox"/>											A	A	

Test Legend:

1	8081pcB_ESL_LL_S	2	8081PCB_S	3	8141_S	4	8151_S
5	8260B_S	6	8270_SCSM_S	7	ASBEST400 (435 CARB)_S	8	CAM17MS_TTLC_S
9	G-MBTEX_S	10	PRDisposal Fee	11	PRHOLD	12	TPH(DMO)_S

Project Manager: Angela Rydelius

Prepared by: Agustina Venegas

The following SamplIDs: 001A, 002A, 003A, 004A, 005A contain testgroup Multi Range_S.

Comments: Needs ESL residential comparison per Adam Brown's email 06/02/2020 CAA

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 7th St.

Work Order: 2006034
QC Level: LEVEL 2
Date Logged: 6/1/2020

Comments: Needs ESL residential comparison per Adam Brown's email
06/02/2020 CAA

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006034-001A	B-1-1.5	Soil	Multi-Range TPH	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 8:10	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>		5 days		<input checked="" type="checkbox"/>	
SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>				
2006034-002A	B-1-3	Soil	Multi-Range TPH	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 8:12	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 7th St.

Work Order: 2006034
QC Level: LEVEL 2
Date Logged: 6/1/2020

Comments: Needs ESL residential comparison per Adam Brown's email
06/02/2020 CAA

WaterTrax WriteOn EDF Excel EQuIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut			
2006034-002A	B-1-3	Soil	SW8270C (ON/P Pesticides)	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 8:12	5 days		<input type="checkbox"/>				
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>						5 days	<input checked="" type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
2006034-003A	B-1-5	Soil	Multi-Range TPH	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 8:15	5 days		<input type="checkbox"/>				
			SW6020 (CAM 17)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>						5 days	<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8260B (VOCs)			<input type="checkbox"/>						5 days	<input checked="" type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
SW8081A/8082 (OC Pesticides+PCBs)	<input type="checkbox"/>	5 days	<input checked="" type="checkbox"/>											
SW8081A/8082 (OC Pesticides+PCBs) ESLs	<input type="checkbox"/>	5 days	<input type="checkbox"/>											
2006034-004A	B-2-1.5	Soil	Multi-Range TPH	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 12:25	5 days		<input type="checkbox"/>				
			SW6020 (CAM 17)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 7th St.

Work Order: 2006034
QC Level: LEVEL 2
Date Logged: 6/1/2020

Comments: Needs ESL residential comparison per Adam Brown's email
06/02/2020 CAA

WaterTrax WriteOn EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut			
2006034-004A	B-2-1.5	Soil	Asbestos, 435 CARB 400 Forensics	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 12:25	5 days		<input type="checkbox"/>	SubOut			
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>						5 days		
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>						5 days		
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>						5 days		
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>						5 days		
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>						5 days	<input checked="" type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
2006034-005A	B-2-3	Soil	Multi-Range TPH	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 12:30	5 days		<input type="checkbox"/>				
			SW6020 (CAM 17)			<input type="checkbox"/>						5 days		
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>						5 days	<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>						5 days		
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>						5 days		
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>						5 days		
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>						5 days		
SW8081A/8082 (OC Pesticides+PCBs)	<input type="checkbox"/>	5 days	<input checked="" type="checkbox"/>											

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 7th St.

Work Order: 2006034
QC Level: LEVEL 2
Date Logged: 6/1/2020

Comments: Needs ESL residential comparison per Adam Brown's email
06/02/2020 CAA

WaterTrax WriteOn EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006034-005A	B-2-3	Soil	SW8081A/8082 (OC Pesticides+PCBs) ESLs	1	16OZ GJ, Unpres	<input type="checkbox"/>	5/29/2020 12:30	5 days		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

2006034

14644

LANGAN

CHAIN OF CUSTODY RECORD

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 7th Street.
 Job Number: 750664801
 Project Manager/Contact: Adam Brown ABrown@LANGAN.COM
 Samplers: Noel Jose 415-238-6149
 Recorder (Signature Required): [Signature]

Turnaround Time
Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested										Silica gel clean-up	Hold	Remarks			
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	TRH 90 MO - 8015	Vol% - 8040	SVCS - 8070	Pest 8141A	Herb 8161A	POST 808A/PCB 8082	CAM 17 6011/701P	CARD 485								
B-1-1.5	5/21/20	8:10		X										X	X	X	X	X	X	X	X						
B-1-3		8:12												X	X	X	X	X	X	X	X						
B-1-5		8:15												X	X	X	X	X	X	X	X						
B-2-1.5		12:25												X	X	X	X	X	X	X	X						
B-2-3		12:30												X	X	X	X	X	X	X	X						
B-2-5		12:35																				X					

Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>5/29/2020</u>	Time: <u>18:33</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>6/1/20</u>	Time: <u>12:58</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>6/1/20</u>	Time: <u>15:30</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>6/1/2020</u>	Time: <u>15:30</u>
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received by Lab: (Signature) _____	Date: _____	Time: _____

Sent to Laboratory (Name): _____
 Laboratory Comments/Notes: _____

Method of Shipment: Lab courier Fed Ex Airborne UPS
 Hand Carried Private Courier (Co. Name) _____



Sample Receipt Checklist

Client Name: **Langan**
 Project: **750664801; 1666 7th St.**

Date and Time Received: **6/1/2020 15:30**
 Date Logged: **6/1/2020**
 Received by: **Agustina Venegas**
 Logged by: **Agustina Venegas**

WorkOrder No: **2006034** Matrix: Soil
 Carrier: Benjamin Yslas (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1°C	NA <input type="checkbox"/>	
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2006034 A

Report Created for: Langan

501 14th Street, 3rd Floor
Oakland, CA 94612

Project Contact: Adam Brown

Project P.O.:

Project: 750664801; 1666 7th St.

Project Received: 06/01/2020

Analytical Report reviewed & approved for release on 06/22/2020 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 7th St.
WorkOrder: 2006034 A

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/20/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	ICP-MS4 163SMPL.d	200467

Analytes	Result	RL	DF	Date Analyzed
Lead	11	0.10	1	06/22/2020 13:32

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	ICP-MS4 174SMPL.d	200467

Analytes	Result	RL	DF	Date Analyzed
Lead	6.2	0.10	1	06/22/2020 14:13

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-1.5	2006034-004A	Soil	05/29/2020 12:25	ICP-MS4 175SMPL.d	200467

Analytes	Result	RL	DF	Date Analyzed
Lead	3.0	0.10	1	06/22/2020 14:16

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/09/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW1311/SW3010
Analytical Method: SW6020
Unit: mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-1.5	2006034-001A	Soil	05/29/2020 08:10	ICP-MS5 290SMPL.d	199812

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	0.10	1	06/11/2020 01:42

Analyst(s): WV



Quality Control Report

Client: Langan
Date Prepared: 06/20/2020
Date Analyzed: 06/22/2020
Instrument: ICP-MS4
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 200467
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L
Sample ID: MB/LCS/LCSD-200467
 2006034-001AMS/MSD

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.37	9.58	10	94	96	75-125	2.21	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	21.5	21.1	10	11.28	103	98	75-125	2.04	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Lead	11.9	11.28	5.50	20

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client: Langan	WorkOrder: 2006034
Date Prepared: 06/09/2020	BatchID: 199812
Date Analyzed: 06/11/2020	Extraction Method: SW1311/SW3010
Instrument: ICP-MS5	Analytical Method: SW6020
Matrix: Soil	Unit: mg/L
Project: 750664801; 1666 7th St.	Sample ID: MB/LCS/LCSD-199812

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.75	9.63	10	98	96	75-125	1.30	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006034 **A** ClientCode: TWRK

WaterTrax WriteOn EDF

Excel EQulS Email HardCopy ThirdParty J-flag

Detection Summary Dry-Weight

Report to:

Adam Brown
Langan
501 14th Street, 3rd Floor
Oakland, CA 94612
(415) 955-9040 FAX: (415) 955-9041

Email: abrown@langan.com
cc/3rd Party: bhayward@langan.com;
PO:
Project: 750664801; 1666 7th St.

Bill to:

Accounts Payable
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
Langan_InvoiceCapture@concur.solutio

Requested TAT: 5 days;

Date Received: 06/01/2020

Date Logged: 06/01/2020

Date Add-On: 06/09/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2006034-001	B-1-1.5	Soil	5/29/2020 08:10	<input type="checkbox"/>	A	A											
2006034-003	B-1-5	Soil	5/29/2020 08:15	<input type="checkbox"/>	A												
2006034-004	B-2-1.5	Soil	5/29/2020 12:25	<input type="checkbox"/>	A												

Test Legend:

1	PBMS_STLC_S	2	PBMS_TCLP_S	3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Angela Rydelius

Prepared by: Agustina Venegas

Add-On Prepared By: Maria Venegas

Comments: Needs ESL residential comparison per Adam Brown's email 06/02/2020 CAA. STLC & TCLPs added 6/9/2020 STAT.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email abrown@langan.com

Project: 750664801; 1666 7th St.

Comments: Needs ESL residential comparison per Adam Brown's email
06/02/2020 CAA. STLC & TCLPs added 6/9/2020 STAT.

Work Order: 2006034
QC Level: LEVEL 2
Date Logged: 6/1/2020
Date Add-On: 6/9/2020

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006034-001A	B-1-1.5	Soil	SW6020 (Lead) (TCLP)	1	16OZ GJ, Unpres	5/29/2020 8:10	5 days*		<input type="checkbox"/>	
			SW6020 (Lead) (STLC)				5 days*			
2006034-003A	B-1-5	Soil	SW6020 (Lead) (STLC)	1	16OZ GJ, Unpres	5/29/2020 8:15	5 days*		<input type="checkbox"/>	
2006034-004A	B-2-1.5	Soil	SW6020 (Lead) (STLC)	1	16OZ GJ, Unpres	5/29/2020 12:25	5 days*		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

2006034

14644

LANGAN

CHAIN OF CUSTODY RECORD

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 7th Street.
 Job Number: 750664801
 Project Manager/Contact: Adam Brown ABrown@LANGAN.COM
 Samplers: Noel Jose 415-238-6149
 Recorder (Signature Required): [Signature]

Analysis Requested

TPH 90 MO - 8015	Vol% - 8040	SVCS - 8070	RES - 8114	HERB - 8151A	POST-808A/PCB 8182	CAM 17 6010709	CARB 485	STC Pb	TCLUP Pb	Silica gel clean-up	Hold
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Turnaround Time
Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested		Silica gel clean-up	Hold	Remarks	
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice						
B-1-1.5	5/21/20	8:10		X									X	X			
B-1-3		8:12											X	X			
B-1-5		8:15											X	X			
B-2-1.5		12:25											X	X			
B-2-3		12:30											X	X			
B-2-5		12:35													X		

Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>5/29/2020</u>	Time: <u>18:33</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>6/1/20</u>	Time: <u>1258</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>6/1/20</u>	Time: <u>1530</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>6/1/2020</u>	Time: <u>1530</u>
Relinquished by: (Signature)	Date:	Time:	Received by Lab: (Signature)	Date:	Time:

Sent to Laboratory (Name): _____
 Laboratory Comments/Notes: Added 6/9/2020 STAT
 Method of Shipment: Lab courier Fed Ex Airborne UPS
 Hand Carried Private Courier (Co. Name) _____



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2006034 B

Report Created for: Langan

501 14th Street, 3rd Floor
Oakland, CA 94612

Project Contact: Adam Brown

Project P.O.:

Project: 750664801; 1666 7th St.

Project Received: 06/01/2020

Analytical Report reviewed & approved for release on 06/25/2020 by:

Yen Cao
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 7th St.
WorkOrder: 2006034 B

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Langan
Date Received: 06/01/2020 15:30
Date Prepared: 06/23/2020
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
Extraction Method: SW1311/SW3010
Analytical Method: SW6020
Unit: mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-1-5	2006034-003A	Soil	05/29/2020 08:15	ICP-MS5 245SMPL.d	200603

Analytes	Result	RL	DF	Date Analyzed
Lead	0.10	0.10	1	06/24/2020 18:43

Analyst(s): WV



Quality Control Report

Client: Langan
Date Prepared: 06/23/2020
Date Analyzed: 06/24/2020
Instrument: ICP-MS5
Matrix: Soil
Project: 750664801; 1666 7th St.

WorkOrder: 2006034
BatchID: 200603
Extraction Method: SW1311/SW3010
Analytical Method: SW6020
Unit: mg/L
Sample ID: MB/LCS/LCSD-200603
 2006034-003AMS/MSD

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	10.1	9.94	10	101	99	75-125	1.80	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	9.98	10.1	10	0.1004	99	100	75-125	1.17	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Lead	ND<0.500	0.1004	-	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006034 **B** ClientCode: TWRK

- WaterTrax WriteOn EDF Excel EQulS Email HardCopy ThirdParty J-flag
 Detection Summary Dry-Weight

Report to:
 Adam Brown
 Langan
 501 14th Street, 3rd Floor
 Oakland, CA 94612
 (415) 955-9040 FAX: (415) 955-9041

Email: abrown@langan.com
 cc/3rd Party: bhayward@langan.com; mfromstein@lang
 PO:
 Project: 750664801; 1666 7th St.

Bill to:
 Accounts Payable
 Langan
 135 Main St, Suite 1500
 San Francisco, CA 94105
 Langan_InvoiceCapture@concur.solutio

Requested TAT: 1 day;

Date Received: 06/01/2020
Date Logged: 06/01/2020
Date Add-On: 06/22/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2006034-003	B-1-5	Soil	5/29/2020 08:15	<input type="checkbox"/>	A												

Test Legend:

1	PBMS_TCLP_S	2		3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Angela Rydelius

Prepared by: Agustina Venegas

Add-On Prepared By: Agustina Venegas

Comments: Needs ESL residential comparison per Adam Brown's email 06/02/2020 CAA. STLC & TCLPs added 6/9/2020 STAT. TCLP Pb added 6/22/20 RUSH

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
 Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email abrown@langan.com

Project: 750664801; 1666 7th St.

Work Order: 2006034
QC Level: LEVEL 2
Date Logged: 6/1/2020
Date Add-On: 6/22/2020

Comments: Needs ESL residential comparison per Adam Brown's email
06/02/2020 CAA. STLC & TCLPs added 6/9/2020 STAT. TCLP
Pb added 6/22/20 DISH

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006034-003A	B-1-5	Soil	SW6020 (Lead) (TCLP)	1	16OZ GJ, Unpres	5/29/2020 8:15	1 day*		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

2006034

14644

LANGAN

CHAIN OF CUSTODY RECORD

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 7th Street.
 Job Number: 750.664801
 Project Manager/Contact: Adam Brown ABrown@LANGAN.COM
 Samplers: Noel Jose 415-238-6149
 Recorder (Signature Required): [Signature]

Analysis Requested

TPH 90 MO - 8015	Vol% - 8040	SIGS - 8070	Pest 8141A	HCB 8161A	POST-808A/PCB 8182	CAM 17 601V70P	CAN 20 1485	STC PB	TCLP PB	Silica gel clean-up	Hold
------------------	-------------	-------------	------------	-----------	--------------------	----------------	-------------	--------	---------	---------------------	------

Turnaround Time
Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested		Silica gel clean-up	Hold	Remarks	
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	STC PB	TCLP PB				
B-1-1.5	5/29/20	8:10		X									X	X			
B-1-3		8:12											X	X			
B-1-5		8:15											X	X			
B-2-1.5		12:25											X	X			
B-2-3		12:30											X	X			
B-2-5		12:35													X		

Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>5/29/2020</u>	Time: <u>16:33</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>6/1/20</u>	Time: <u>1258</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>6/1/20</u>	Time: <u>1530</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>6/1/2020</u>	Time: <u>1530</u>
Relinquished by: (Signature)	Date:	Time:	Received by Lab: (Signature)	Date:	Time:

Sent to Laboratory (Name): _____
 Laboratory Comments/Notes: Added 6/9/2020 STAT
 Method of Shipment: Lab courier Fed Ex Airborne UPS
 Hand Carried Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: _____

*TCLP PB Added
6/22/2020 RUSTH.

1.0C
WET

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013046
Date Received: 06/03/20
Date Analyzed: 06/05/20
Date Printed: 06/05/20

Job ID/Site: 2006034

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 5

Total Samples Analyzed: 5

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

B-1-1.5	12310651	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

B-1-3	12310652	Brown Soil
--------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

B-1-5	12310653	Brown Soil
--------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

B-2-1.5	12310654	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013046
Date Received: 06/03/20
Date Analyzed: 06/05/20
Date Printed: 06/05/20

Job ID/Site: 2006034

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 5
Total Samples Analyzed: 5

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
B-2-3	12310655	Brown Soil

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2006696

Report Created for: Langan

501 14th Street, 3rd Floor
Oakland, CA 94612

Project Contact: Adam Brown

Project P.O.:

Project: 750664801; 1666 Seventh Street

Project Received: 06/12/2020

Analytical Report reviewed & approved for release on 06/22/2020 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 Seventh Street
WorkOrder: 2006696

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 Seventh Street
WorkOrder: 2006696

Analytical Qualifiers

B Analyte detected in the associated Method Blank and in the sample.
J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S Surrogate recovery outside accepted recovery limits.
c2 Surrogate recovery outside of the control limits due to matrix interference.

Quality Control Qualifiers

F1 MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC23 06162049.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/16/2020 23:21
a-BHC	ND	0.00010	1	06/16/2020 23:21
b-BHC	ND	0.00030	1	06/16/2020 23:21
d-BHC	ND	0.00020	1	06/16/2020 23:21
g-BHC	ND	0.00010	1	06/16/2020 23:21
Chlordane (Technical)	ND	0.0025	1	06/16/2020 23:21
a-Chlordane	ND	0.00010	1	06/16/2020 23:21
g-Chlordane	ND	0.00010	1	06/16/2020 23:21
p,p-DDD	ND	0.00010	1	06/16/2020 23:21
p,p-DDE	ND	0.00010	1	06/16/2020 23:21
p,p-DDT	ND	0.00010	1	06/16/2020 23:21
Dieldrin	ND	0.00010	1	06/16/2020 23:21
Endosulfan I	ND	0.00010	1	06/16/2020 23:21
Endosulfan II	ND	0.00010	1	06/16/2020 23:21
Endosulfan sulfate	ND	0.00010	1	06/16/2020 23:21
Endrin	ND	0.00010	1	06/16/2020 23:21
Endrin aldehyde	ND	0.00010	1	06/16/2020 23:21
Endrin ketone	ND	0.00010	1	06/16/2020 23:21
Heptachlor	ND	0.00010	1	06/16/2020 23:21
Heptachlor epoxide	ND	0.00010	1	06/16/2020 23:21
Hexachlorobenzene	ND	0.0010	1	06/16/2020 23:21
Hexachlorocyclopentadiene	ND	0.0020	1	06/16/2020 23:21
Methoxychlor	ND	0.00020	1	06/16/2020 23:21
Toxaphene	ND	0.0050	1	06/16/2020 23:21
Aroclor1016	ND	0.0050	1	06/16/2020 23:21
Aroclor1221	ND	0.0050	1	06/16/2020 23:21
Aroclor1232	ND	0.0050	1	06/16/2020 23:21
Aroclor1242	ND	0.0050	1	06/16/2020 23:21
Aroclor1248	ND	0.0050	1	06/16/2020 23:21
Aroclor1254	ND	0.0050	1	06/16/2020 23:21
Aroclor1260	ND	0.0050	1	06/16/2020 23:21
PCBs, total	ND	0.0050	1	06/16/2020 23:21

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	95	20-145	06/16/2020 23:21

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC23 06162061.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 02:28
a-BHC	ND	0.00010	1	06/17/2020 02:28
b-BHC	ND	0.00030	1	06/17/2020 02:28
d-BHC	ND	0.00020	1	06/17/2020 02:28
g-BHC	ND	0.00010	1	06/17/2020 02:28
Chlordane (Technical)	ND	0.0025	1	06/17/2020 02:28
a-Chlordane	ND	0.00010	1	06/17/2020 02:28
g-Chlordane	ND	0.00010	1	06/17/2020 02:28
p,p-DDD	ND	0.00010	1	06/17/2020 02:28
p,p-DDE	ND	0.00010	1	06/17/2020 02:28
p,p-DDT	ND	0.00010	1	06/17/2020 02:28
Dieldrin	ND	0.00010	1	06/17/2020 02:28
Endosulfan I	ND	0.00010	1	06/17/2020 02:28
Endosulfan II	ND	0.00010	1	06/17/2020 02:28
Endosulfan sulfate	ND	0.00010	1	06/17/2020 02:28
Endrin	ND	0.00010	1	06/17/2020 02:28
Endrin aldehyde	ND	0.00010	1	06/17/2020 02:28
Endrin ketone	ND	0.00010	1	06/17/2020 02:28
Heptachlor	ND	0.00010	1	06/17/2020 02:28
Heptachlor epoxide	ND	0.00010	1	06/17/2020 02:28
Hexachlorobenzene	ND	0.0010	1	06/17/2020 02:28
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 02:28
Methoxychlor	ND	0.00020	1	06/17/2020 02:28
Toxaphene	ND	0.0050	1	06/17/2020 02:28
Aroclor1016	ND	0.0050	1	06/17/2020 02:28
Aroclor1221	ND	0.0050	1	06/17/2020 02:28
Aroclor1232	ND	0.0050	1	06/17/2020 02:28
Aroclor1242	ND	0.0050	1	06/17/2020 02:28
Aroclor1248	ND	0.0050	1	06/17/2020 02:28
Aroclor1254	ND	0.0050	1	06/17/2020 02:28
Aroclor1260	ND	0.0050	1	06/17/2020 02:28
PCBs, total	ND	0.0050	1	06/17/2020 02:28

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	126	20-145	06/17/2020 02:28

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC23 06162062.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 02:44
a-BHC	ND	0.00010	1	06/17/2020 02:44
b-BHC	ND	0.00030	1	06/17/2020 02:44
d-BHC	ND	0.00020	1	06/17/2020 02:44
g-BHC	ND	0.00010	1	06/17/2020 02:44
Chlordane (Technical)	ND	0.0025	1	06/17/2020 02:44
a-Chlordane	ND	0.00010	1	06/17/2020 02:44
g-Chlordane	ND	0.00010	1	06/17/2020 02:44
p,p-DDD	ND	0.00010	1	06/17/2020 02:44
p,p-DDE	ND	0.00010	1	06/17/2020 02:44
p,p-DDT	ND	0.00010	1	06/17/2020 02:44
Dieldrin	ND	0.00010	1	06/17/2020 02:44
Endosulfan I	ND	0.00010	1	06/17/2020 02:44
Endosulfan II	ND	0.00010	1	06/17/2020 02:44
Endosulfan sulfate	ND	0.00010	1	06/17/2020 02:44
Endrin	ND	0.00010	1	06/17/2020 02:44
Endrin aldehyde	ND	0.00010	1	06/17/2020 02:44
Endrin ketone	ND	0.00010	1	06/17/2020 02:44
Heptachlor	ND	0.00010	1	06/17/2020 02:44
Heptachlor epoxide	ND	0.00010	1	06/17/2020 02:44
Hexachlorobenzene	ND	0.0010	1	06/17/2020 02:44
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 02:44
Methoxychlor	ND	0.00020	1	06/17/2020 02:44
Toxaphene	ND	0.0050	1	06/17/2020 02:44
Aroclor1016	ND	0.0050	1	06/17/2020 02:44
Aroclor1221	ND	0.0050	1	06/17/2020 02:44
Aroclor1232	ND	0.0050	1	06/17/2020 02:44
Aroclor1242	ND	0.0050	1	06/17/2020 02:44
Aroclor1248	ND	0.0050	1	06/17/2020 02:44
Aroclor1254	ND	0.0050	1	06/17/2020 02:44
Aroclor1260	ND	0.0050	1	06/17/2020 02:44
PCBs, total	ND	0.0050	1	06/17/2020 02:44

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	116	20-145	06/17/2020 02:44

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC23 06162063.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 02:59
a-BHC	ND	0.00010	1	06/17/2020 02:59
b-BHC	ND	0.00030	1	06/17/2020 02:59
d-BHC	ND	0.00020	1	06/17/2020 02:59
g-BHC	ND	0.00010	1	06/17/2020 02:59
Chlordane (Technical)	ND	0.0025	1	06/17/2020 02:59
a-Chlordane	ND	0.00010	1	06/17/2020 02:59
g-Chlordane	ND	0.00010	1	06/17/2020 02:59
p,p-DDD	ND	0.00010	1	06/17/2020 02:59
p,p-DDE	ND	0.00010	1	06/17/2020 02:59
p,p-DDT	ND	0.00010	1	06/17/2020 02:59
Dieldrin	ND	0.00010	1	06/17/2020 02:59
Endosulfan I	ND	0.00010	1	06/17/2020 02:59
Endosulfan II	ND	0.00010	1	06/17/2020 02:59
Endosulfan sulfate	ND	0.00010	1	06/17/2020 02:59
Endrin	ND	0.00010	1	06/17/2020 02:59
Endrin aldehyde	ND	0.00010	1	06/17/2020 02:59
Endrin ketone	ND	0.00010	1	06/17/2020 02:59
Heptachlor	ND	0.00010	1	06/17/2020 02:59
Heptachlor epoxide	ND	0.00010	1	06/17/2020 02:59
Hexachlorobenzene	ND	0.0010	1	06/17/2020 02:59
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 02:59
Methoxychlor	ND	0.00020	1	06/17/2020 02:59
Toxaphene	ND	0.0050	1	06/17/2020 02:59
Aroclor1016	ND	0.0050	1	06/17/2020 02:59
Aroclor1221	ND	0.0050	1	06/17/2020 02:59
Aroclor1232	ND	0.0050	1	06/17/2020 02:59
Aroclor1242	ND	0.0050	1	06/17/2020 02:59
Aroclor1248	ND	0.0050	1	06/17/2020 02:59
Aroclor1254	ND	0.0050	1	06/17/2020 02:59
Aroclor1260	ND	0.0050	1	06/17/2020 02:59
PCBs, total	ND	0.0050	1	06/17/2020 02:59

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	101	20-145	06/17/2020 02:59

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC23 06162064.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 03:15
a-BHC	ND	0.00010	1	06/17/2020 03:15
b-BHC	ND	0.00030	1	06/17/2020 03:15
d-BHC	ND	0.00020	1	06/17/2020 03:15
g-BHC	ND	0.00010	1	06/17/2020 03:15
Chlordane (Technical)	ND	0.0025	1	06/17/2020 03:15
a-Chlordane	ND	0.00010	1	06/17/2020 03:15
g-Chlordane	ND	0.00010	1	06/17/2020 03:15
p,p-DDD	ND	0.00010	1	06/17/2020 03:15
p,p-DDE	ND	0.00010	1	06/17/2020 03:15
p,p-DDT	ND	0.00010	1	06/17/2020 03:15
Dieldrin	ND	0.00010	1	06/17/2020 03:15
Endosulfan I	ND	0.00010	1	06/17/2020 03:15
Endosulfan II	ND	0.00010	1	06/17/2020 03:15
Endosulfan sulfate	ND	0.00010	1	06/17/2020 03:15
Endrin	ND	0.00010	1	06/17/2020 03:15
Endrin aldehyde	ND	0.00010	1	06/17/2020 03:15
Endrin ketone	ND	0.00010	1	06/17/2020 03:15
Heptachlor	ND	0.00010	1	06/17/2020 03:15
Heptachlor epoxide	ND	0.00010	1	06/17/2020 03:15
Hexachlorobenzene	ND	0.0010	1	06/17/2020 03:15
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 03:15
Methoxychlor	ND	0.00020	1	06/17/2020 03:15
Toxaphene	ND	0.0050	1	06/17/2020 03:15
Aroclor1016	ND	0.0050	1	06/17/2020 03:15
Aroclor1221	ND	0.0050	1	06/17/2020 03:15
Aroclor1232	ND	0.0050	1	06/17/2020 03:15
Aroclor1242	ND	0.0050	1	06/17/2020 03:15
Aroclor1248	ND	0.0050	1	06/17/2020 03:15
Aroclor1254	ND	0.0050	1	06/17/2020 03:15
Aroclor1260	ND	0.0050	1	06/17/2020 03:15
PCBs, total	ND	0.0050	1	06/17/2020 03:15

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	116	20-145	06/17/2020 03:15

Analyst(s): LT



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC25 F0616200107.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 16:14
Atrazine	ND	0.10	1	06/16/2020 16:14
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 16:14
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 16:14
Chlorpyrifos	ND	0.10	1	06/16/2020 16:14
Coumaphos	ND	0.10	1	06/16/2020 16:14
Demeton	ND	0.10	1	06/16/2020 16:14
Diazinon	ND	0.10	1	06/16/2020 16:14
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 16:14
Dimethoate	ND	0.10	1	06/16/2020 16:14
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 16:14
EPN	ND	0.10	1	06/16/2020 16:14
EPTC	ND	0.10	1	06/16/2020 16:14
Ethion	ND	0.10	1	06/16/2020 16:14
Ethoprop	ND	0.10	1	06/16/2020 16:14
Ethyl parathion	ND	0.10	1	06/16/2020 16:14
Fensulfothion	ND	0.10	1	06/16/2020 16:14
Fenthion	ND	0.10	1	06/16/2020 16:14
Fonofos	ND	0.10	1	06/16/2020 16:14
Malathion	ND	0.10	1	06/16/2020 16:14
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 16:14
Molinate	ND	0.10	1	06/16/2020 16:14
Methyl parathion	ND	0.10	1	06/16/2020 16:14
Phorate (Thimet)	ND	0.10	1	06/16/2020 16:14
Prometon	ND	0.10	1	06/16/2020 16:14
Ronnel	ND	0.10	1	06/16/2020 16:14
Simazine	ND	0.10	1	06/16/2020 16:14
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 16:14
Terbacil	ND	0.10	1	06/16/2020 16:14
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 16:14
Thiobencarb	ND	0.10	1	06/16/2020 16:14
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 16:14
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 16:14

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC25 F0616200107.D	200142

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Triphenyl phosphate	90		60-140	06/16/2020 16:14

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33		GC25 F0616200108.D	200142
Analytes	Result		RL	DF	Date Analyzed	
Alachlor	ND		0.10	1	06/16/2020 16:40	
Atrazine	ND		0.10	1	06/16/2020 16:40	
Azinphos methyl (Guthion)	ND		0.10	1	06/16/2020 16:40	
Bolstar (Sulprofos)	ND		0.10	1	06/16/2020 16:40	
Chloropyrifos	ND		0.10	1	06/16/2020 16:40	
Coumaphos	ND		0.10	1	06/16/2020 16:40	
Demeton	ND		0.10	1	06/16/2020 16:40	
Diazinon	ND		0.10	1	06/16/2020 16:40	
Dichlorvos (DDVP)	ND		0.10	1	06/16/2020 16:40	
Dimethoate	ND		0.10	1	06/16/2020 16:40	
Disulfoton (Di-Syston)	ND		0.10	1	06/16/2020 16:40	
EPN	ND		0.10	1	06/16/2020 16:40	
EPTC	ND		0.10	1	06/16/2020 16:40	
Ethion	ND		0.10	1	06/16/2020 16:40	
Ethoprop	ND		0.10	1	06/16/2020 16:40	
Ethyl parathion	ND		0.10	1	06/16/2020 16:40	
Fensulfothion	ND		0.10	1	06/16/2020 16:40	
Fenthion	ND		0.10	1	06/16/2020 16:40	
Fonofos	ND		0.10	1	06/16/2020 16:40	
Malathion	ND		0.10	1	06/16/2020 16:40	
Mevinphos (Phosdrin)	ND		0.10	1	06/16/2020 16:40	
Molinate	ND		0.10	1	06/16/2020 16:40	
Methyl parathion	ND		0.10	1	06/16/2020 16:40	
Phorate (Thimet)	ND		0.10	1	06/16/2020 16:40	
Prometon	ND		0.10	1	06/16/2020 16:40	
Ronnel	ND		0.10	1	06/16/2020 16:40	
Simazine	ND		0.10	1	06/16/2020 16:40	
Stirofos (Tetrachlorvinphos)	ND		0.10	1	06/16/2020 16:40	
Terbacil	ND		0.10	1	06/16/2020 16:40	
Terbufos (Terbuphos)	ND		0.10	1	06/16/2020 16:40	
Thiobencarb	ND		0.10	1	06/16/2020 16:40	
Tokuthion (Prothiofos)	ND		0.10	1	06/16/2020 16:40	
Trichloronate (Agritox)	ND		0.10	1	06/16/2020 16:40	

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC25 F0616200108.D	200142

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Triphenyl phosphate	90		60-140	06/16/2020 16:40

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC25 F0616200109.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 17:07
Atrazine	ND	0.10	1	06/16/2020 17:07
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 17:07
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 17:07
Chlorpyrifos	ND	0.10	1	06/16/2020 17:07
Coumaphos	ND	0.10	1	06/16/2020 17:07
Demeton	ND	0.10	1	06/16/2020 17:07
Diazinon	ND	0.10	1	06/16/2020 17:07
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 17:07
Dimethoate	ND	0.10	1	06/16/2020 17:07
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 17:07
EPN	ND	0.10	1	06/16/2020 17:07
EPTC	ND	0.10	1	06/16/2020 17:07
Ethion	ND	0.10	1	06/16/2020 17:07
Ethoprop	ND	0.10	1	06/16/2020 17:07
Ethyl parathion	ND	0.10	1	06/16/2020 17:07
Fensulfothion	ND	0.10	1	06/16/2020 17:07
Fenthion	ND	0.10	1	06/16/2020 17:07
Fonofos	ND	0.10	1	06/16/2020 17:07
Malathion	ND	0.10	1	06/16/2020 17:07
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 17:07
Molinate	ND	0.10	1	06/16/2020 17:07
Methyl parathion	ND	0.10	1	06/16/2020 17:07
Phorate (Thimet)	ND	0.10	1	06/16/2020 17:07
Prometon	ND	0.10	1	06/16/2020 17:07
Ronnel	ND	0.10	1	06/16/2020 17:07
Simazine	ND	0.10	1	06/16/2020 17:07
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 17:07
Terbacil	ND	0.10	1	06/16/2020 17:07
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 17:07
Thiobencarb	ND	0.10	1	06/16/2020 17:07
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 17:07
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 17:07

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC25 F0616200109.D	200142

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Triphenyl phosphate	92	60-140	06/16/2020 17:07

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC25 F0616200110.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 17:34
Atrazine	ND	0.10	1	06/16/2020 17:34
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 17:34
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 17:34
Chlorpyrifos	ND	0.10	1	06/16/2020 17:34
Coumaphos	ND	0.10	1	06/16/2020 17:34
Demeton	ND	0.10	1	06/16/2020 17:34
Diazinon	ND	0.10	1	06/16/2020 17:34
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 17:34
Dimethoate	ND	0.10	1	06/16/2020 17:34
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 17:34
EPN	ND	0.10	1	06/16/2020 17:34
EPTC	ND	0.10	1	06/16/2020 17:34
Ethion	ND	0.10	1	06/16/2020 17:34
Ethoprop	ND	0.10	1	06/16/2020 17:34
Ethyl parathion	ND	0.10	1	06/16/2020 17:34
Fensulfothion	ND	0.10	1	06/16/2020 17:34
Fenthion	ND	0.10	1	06/16/2020 17:34
Fonofos	ND	0.10	1	06/16/2020 17:34
Malathion	ND	0.10	1	06/16/2020 17:34
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 17:34
Molinate	ND	0.10	1	06/16/2020 17:34
Methyl parathion	ND	0.10	1	06/16/2020 17:34
Phorate (Thimet)	ND	0.10	1	06/16/2020 17:34
Prometon	ND	0.10	1	06/16/2020 17:34
Ronnel	ND	0.10	1	06/16/2020 17:34
Simazine	ND	0.10	1	06/16/2020 17:34
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 17:34
Terbacil	ND	0.10	1	06/16/2020 17:34
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 17:34
Thiobencarb	ND	0.10	1	06/16/2020 17:34
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 17:34
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 17:34

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC25 F0616200110.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	88	60-140		06/16/2020 17:34

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC25 F0616200111.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 18:01
Atrazine	ND	0.10	1	06/16/2020 18:01
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 18:01
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 18:01
Chloropyrifos	ND	0.10	1	06/16/2020 18:01
Coumaphos	ND	0.10	1	06/16/2020 18:01
Demeton	ND	0.10	1	06/16/2020 18:01
Diazinon	ND	0.10	1	06/16/2020 18:01
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 18:01
Dimethoate	ND	0.10	1	06/16/2020 18:01
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 18:01
EPN	ND	0.10	1	06/16/2020 18:01
EPTC	ND	0.10	1	06/16/2020 18:01
Ethion	ND	0.10	1	06/16/2020 18:01
Ethoprop	ND	0.10	1	06/16/2020 18:01
Ethyl parathion	ND	0.10	1	06/16/2020 18:01
Fensulfothion	ND	0.10	1	06/16/2020 18:01
Fenthion	ND	0.10	1	06/16/2020 18:01
Fonofos	ND	0.10	1	06/16/2020 18:01
Malathion	ND	0.10	1	06/16/2020 18:01
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 18:01
Molinate	ND	0.10	1	06/16/2020 18:01
Methyl parathion	ND	0.10	1	06/16/2020 18:01
Phorate (Thimet)	ND	0.10	1	06/16/2020 18:01
Prometon	ND	0.10	1	06/16/2020 18:01
Ronnel	ND	0.10	1	06/16/2020 18:01
Simazine	ND	0.10	1	06/16/2020 18:01
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 18:01
Terbacil	ND	0.10	1	06/16/2020 18:01
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 18:01
Thiobencarb	ND	0.10	1	06/16/2020 18:01
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 18:01
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 18:01

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC25 F0616200111.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	90	60-140		06/16/2020 18:01

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC15A 06162032.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 15:07
Bentazon	ND	0.050	1	06/17/2020 15:07
Chloramben	ND	0.050	1	06/17/2020 15:07
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 15:07
2,4-DB	ND	0.050	1	06/17/2020 15:07
Dalapon	ND	0.10	1	06/17/2020 15:07
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 15:07
Dicamba	ND	0.050	1	06/17/2020 15:07
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 15:07
Dichloroprop	ND	0.050	1	06/17/2020 15:07
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 15:07
MCPA	ND	5.0	1	06/17/2020 15:07
MCPP	ND	5.0	1	06/17/2020 15:07
4-Nitrophenol	ND	0.050	1	06/17/2020 15:07
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 15:07
Picloram	ND	0.050	1	06/17/2020 15:07
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 15:07
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 15:07

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	102	60-140	06/17/2020 15:07

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC15A 06162035.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 16:23
Bentazon	ND	0.050	1	06/17/2020 16:23
Chloramben	ND	0.050	1	06/17/2020 16:23
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 16:23
2,4-DB	ND	0.050	1	06/17/2020 16:23
Dalapon	ND	0.10	1	06/17/2020 16:23
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 16:23
Dicamba	ND	0.050	1	06/17/2020 16:23
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 16:23
Dichloroprop	ND	0.050	1	06/17/2020 16:23
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 16:23
MCPA	ND	5.0	1	06/17/2020 16:23
MCPP	ND	5.0	1	06/17/2020 16:23
4-Nitrophenol	ND	0.050	1	06/17/2020 16:23
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 16:23
Picloram	ND	0.050	1	06/17/2020 16:23
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 16:23
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 16:23

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	97	60-140	06/17/2020 16:23

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC15A 06162036.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 16:49
Bentazon	ND	0.050	1	06/17/2020 16:49
Chloramben	ND	0.050	1	06/17/2020 16:49
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 16:49
2,4-DB	ND	0.050	1	06/17/2020 16:49
Dalapon	ND	0.10	1	06/17/2020 16:49
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 16:49
Dicamba	ND	0.050	1	06/17/2020 16:49
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 16:49
Dichloroprop	ND	0.050	1	06/17/2020 16:49
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 16:49
MCPA	ND	5.0	1	06/17/2020 16:49
MCPP	ND	5.0	1	06/17/2020 16:49
4-Nitrophenol	ND	0.050	1	06/17/2020 16:49
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 16:49
Picloram	ND	0.050	1	06/17/2020 16:49
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 16:49
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 16:49

Surrogates	REC (%)	Limits	
DCAA	94	60-140	06/17/2020 16:49

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC15A 06192006.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/19/2020 14:40
Bentazon	ND	0.050	1	06/19/2020 14:40
Chloramben	ND	0.050	1	06/19/2020 14:40
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/19/2020 14:40
2,4-DB	ND	0.050	1	06/19/2020 14:40
Dalapon	ND	0.10	1	06/19/2020 14:40
DCPA (mono & diacid)	ND	0.050	1	06/19/2020 14:40
Dicamba	ND	0.050	1	06/19/2020 14:40
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/19/2020 14:40
Dichloroprop	ND	0.050	1	06/19/2020 14:40
Dinoseb (DNBP)	ND	0.050	1	06/19/2020 14:40
MCPA	ND	5.0	1	06/19/2020 14:40
MCPP	ND	5.0	1	06/19/2020 14:40
4-Nitrophenol	ND	0.050	1	06/19/2020 14:40
Pentachlorophenol (PCP)	ND	0.050	1	06/19/2020 14:40
Picloram	ND	0.050	1	06/19/2020 14:40
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/19/2020 14:40
2,4,5-TP (Silvex)	ND	0.050	1	06/19/2020 14:40

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	91	60-140	06/19/2020 14:40

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC15A 06162038.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 17:40
Bentazon	ND	0.050	1	06/17/2020 17:40
Chloramben	ND	0.050	1	06/17/2020 17:40
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 17:40
2,4-DB	ND	0.050	1	06/17/2020 17:40
Dalapon	ND	0.10	1	06/17/2020 17:40
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 17:40
Dicamba	ND	0.050	1	06/17/2020 17:40
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 17:40
Dichloroprop	ND	0.050	1	06/17/2020 17:40
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 17:40
MCPA	ND	5.0	1	06/17/2020 17:40
MCPP	ND	5.0	1	06/17/2020 17:40
4-Nitrophenol	ND	0.050	1	06/17/2020 17:40
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 17:40
Picloram	ND	0.050	1	06/17/2020 17:40
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 17:40
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 17:40

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	98	60-140	06/17/2020 17:40

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29		GC28 06162020.D	200038
Analytes	Result	Qualifiers	RL	DF	Date Analyzed	
Acetone	ND		0.10	1	06/16/2020 20:26	
tert-Amyl methyl ether (TAME)	ND		0.0050	1	06/16/2020 20:26	
Benzene	ND		0.0050	1	06/16/2020 20:26	
Bromobenzene	ND		0.0050	1	06/16/2020 20:26	
Bromochloromethane	ND		0.0050	1	06/16/2020 20:26	
Bromodichloromethane	ND		0.0010	1	06/16/2020 20:26	
Bromoform	ND		0.0050	1	06/16/2020 20:26	
Bromomethane	ND		0.0050	1	06/16/2020 20:26	
2-Butanone (MEK)	ND		0.020	1	06/16/2020 20:26	
t-Butyl alcohol (TBA)	ND		0.050	1	06/16/2020 20:26	
n-Butyl benzene	ND		0.0050	1	06/16/2020 20:26	
sec-Butyl benzene	ND		0.0050	1	06/16/2020 20:26	
tert-Butyl benzene	ND		0.0050	1	06/16/2020 20:26	
Carbon Disulfide	ND		0.0050	1	06/16/2020 20:26	
Carbon Tetrachloride	ND		0.0050	1	06/16/2020 20:26	
Chlorobenzene	ND		0.0050	1	06/16/2020 20:26	
Chloroethane	ND		0.0050	1	06/16/2020 20:26	
Chloroform	ND		0.0050	1	06/16/2020 20:26	
Chloromethane	ND		0.0050	1	06/16/2020 20:26	
2-Chlorotoluene	ND		0.0050	1	06/16/2020 20:26	
4-Chlorotoluene	ND		0.0050	1	06/16/2020 20:26	
Dibromochloromethane	ND		0.0050	1	06/16/2020 20:26	
1,2-Dibromo-3-chloropropane	ND		0.00025	1	06/16/2020 20:26	
1,2-Dibromoethane (EDB)	ND		0.00010	1	06/16/2020 20:26	
Dibromomethane	ND		0.0050	1	06/16/2020 20:26	
1,2-Dichlorobenzene	ND		0.0050	1	06/16/2020 20:26	
1,3-Dichlorobenzene	ND		0.0050	1	06/16/2020 20:26	
1,4-Dichlorobenzene	ND		0.0050	1	06/16/2020 20:26	
Dichlorodifluoromethane	ND		0.0050	1	06/16/2020 20:26	
1,1-Dichloroethane	ND		0.0050	1	06/16/2020 20:26	
1,2-Dichloroethane (1,2-DCA)	ND		0.00025	1	06/16/2020 20:26	
1,1-Dichloroethene	ND		0.00025	1	06/16/2020 20:26	
cis-1,2-Dichloroethene	ND		0.0050	1	06/16/2020 20:26	
trans-1,2-Dichloroethene	ND		0.0050	1	06/16/2020 20:26	
1,2-Dichloropropane	ND		0.0050	1	06/16/2020 20:26	
1,3-Dichloropropane	ND		0.0050	1	06/16/2020 20:26	
2,2-Dichloropropane	ND		0.0050	1	06/16/2020 20:26	

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC28 06162020.D	200038

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0050	1	06/16/2020 20:26
cis-1,3-Dichloropropene	ND		0.0050	1	06/16/2020 20:26
trans-1,3-Dichloropropene	ND		0.0050	1	06/16/2020 20:26
Diisopropyl ether (DIPE)	ND		0.0050	1	06/16/2020 20:26
Ethylbenzene	ND		0.0050	1	06/16/2020 20:26
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	06/16/2020 20:26
Freon 113	ND		0.0050	1	06/16/2020 20:26
Hexachlorobutadiene	ND		0.0050	1	06/16/2020 20:26
Hexachloroethane	ND		0.0050	1	06/16/2020 20:26
2-Hexanone	ND		0.0050	1	06/16/2020 20:26
Isopropylbenzene	ND		0.0050	1	06/16/2020 20:26
4-Isopropyl toluene	ND		0.0050	1	06/16/2020 20:26
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	06/16/2020 20:26
Methylene chloride	ND		0.010	1	06/16/2020 20:26
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	06/16/2020 20:26
Naphthalene	ND		0.0050	1	06/16/2020 20:26
n-Propyl benzene	ND		0.0050	1	06/16/2020 20:26
Styrene	ND		0.0050	1	06/16/2020 20:26
1,1,1,2-Tetrachloroethane	ND		0.0050	1	06/16/2020 20:26
1,1,2,2-Tetrachloroethane	ND		0.00025	1	06/16/2020 20:26
Tetrachloroethene	0.0019	B	0.0010	1	06/16/2020 20:26
Toluene	ND		0.0050	1	06/16/2020 20:26
1,2,3-Trichlorobenzene	ND		0.0050	1	06/16/2020 20:26
1,2,4-Trichlorobenzene	ND		0.0050	1	06/16/2020 20:26
1,1,1-Trichloroethane	ND		0.0050	1	06/16/2020 20:26
1,1,2-Trichloroethane	ND		0.0050	1	06/16/2020 20:26
Trichloroethene	ND		0.0050	1	06/16/2020 20:26
Trichlorofluoromethane	ND		0.0050	1	06/16/2020 20:26
1,2,3-Trichloropropane	ND		0.00010	1	06/16/2020 20:26
1,2,4-Trimethylbenzene	ND		0.0050	1	06/16/2020 20:26
1,3,5-Trimethylbenzene	ND		0.0050	1	06/16/2020 20:26
Vinyl Chloride	ND		0.00025	1	06/16/2020 20:26
m,p-Xylene	ND		0.0050	1	06/16/2020 20:26
o-Xylene	ND		0.0050	1	06/16/2020 20:26
Xylenes, Total	ND		0.0050	1	06/16/2020 20:26

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC28 06162020.D	200038

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Dibromofluoromethane	98		82-136		06/16/2020 20:26
Toluene-d8	97		92-139		06/16/2020 20:26
4-BFB	105		82-135		06/16/2020 20:26
Benzene-d6	103		55-122		06/16/2020 20:26
Ethylbenzene-d10	101		58-141		06/16/2020 20:26
1,2-DCB-d4	77		51-107		06/16/2020 20:26

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC28 06192025.D	200038

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/19/2020 23:48
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/19/2020 23:48
Benzene	ND	0.0050	1	06/19/2020 23:48
Bromobenzene	ND	0.0050	1	06/19/2020 23:48
Bromochloromethane	ND	0.0050	1	06/19/2020 23:48
Bromodichloromethane	ND	0.0010	1	06/19/2020 23:48
Bromoform	ND	0.0050	1	06/19/2020 23:48
Bromomethane	ND	0.0050	1	06/19/2020 23:48
2-Butanone (MEK)	ND	0.020	1	06/19/2020 23:48
t-Butyl alcohol (TBA)	ND	0.050	1	06/19/2020 23:48
n-Butyl benzene	ND	0.0050	1	06/19/2020 23:48
sec-Butyl benzene	ND	0.0050	1	06/19/2020 23:48
tert-Butyl benzene	ND	0.0050	1	06/19/2020 23:48
Carbon Disulfide	ND	0.0050	1	06/19/2020 23:48
Carbon Tetrachloride	ND	0.0050	1	06/19/2020 23:48
Chlorobenzene	ND	0.0050	1	06/19/2020 23:48
Chloroethane	ND	0.0050	1	06/19/2020 23:48
Chloroform	ND	0.0050	1	06/19/2020 23:48
Chloromethane	ND	0.0050	1	06/19/2020 23:48
2-Chlorotoluene	ND	0.0050	1	06/19/2020 23:48
4-Chlorotoluene	ND	0.0050	1	06/19/2020 23:48
Dibromochloromethane	ND	0.0050	1	06/19/2020 23:48
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/19/2020 23:48
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/19/2020 23:48
Dibromomethane	ND	0.0050	1	06/19/2020 23:48
1,2-Dichlorobenzene	ND	0.0050	1	06/19/2020 23:48
1,3-Dichlorobenzene	ND	0.0050	1	06/19/2020 23:48
1,4-Dichlorobenzene	ND	0.0050	1	06/19/2020 23:48
Dichlorodifluoromethane	ND	0.0050	1	06/19/2020 23:48
1,1-Dichloroethane	ND	0.0050	1	06/19/2020 23:48
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/19/2020 23:48
1,1-Dichloroethene	ND	0.00025	1	06/19/2020 23:48
cis-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 23:48
trans-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 23:48
1,2-Dichloropropane	ND	0.0050	1	06/19/2020 23:48
1,3-Dichloropropane	ND	0.0050	1	06/19/2020 23:48
2,2-Dichloropropane	ND	0.0050	1	06/19/2020 23:48

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC28 06192025.D	200038

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/19/2020 23:48
cis-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 23:48
trans-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 23:48
Diisopropyl ether (DIPE)	ND	0.0050	1	06/19/2020 23:48
Ethylbenzene	ND	0.0050	1	06/19/2020 23:48
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/19/2020 23:48
Freon 113	ND	0.0050	1	06/19/2020 23:48
Hexachlorobutadiene	ND	0.0050	1	06/19/2020 23:48
Hexachloroethane	ND	0.0050	1	06/19/2020 23:48
2-Hexanone	ND	0.0050	1	06/19/2020 23:48
Isopropylbenzene	ND	0.0050	1	06/19/2020 23:48
4-Isopropyl toluene	ND	0.0050	1	06/19/2020 23:48
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/19/2020 23:48
Methylene chloride	ND	0.010	1	06/19/2020 23:48
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/19/2020 23:48
Naphthalene	ND	0.0050	1	06/19/2020 23:48
n-Propyl benzene	ND	0.0050	1	06/19/2020 23:48
Styrene	ND	0.0050	1	06/19/2020 23:48
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/19/2020 23:48
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/19/2020 23:48
Tetrachloroethene	ND	0.0010	1	06/19/2020 23:48
Toluene	ND	0.0050	1	06/19/2020 23:48
1,2,3-Trichlorobenzene	ND	0.0050	1	06/19/2020 23:48
1,2,4-Trichlorobenzene	ND	0.0050	1	06/19/2020 23:48
1,1,1-Trichloroethane	ND	0.0050	1	06/19/2020 23:48
1,1,2-Trichloroethane	ND	0.0050	1	06/19/2020 23:48
Trichloroethene	ND	0.0050	1	06/19/2020 23:48
Trichlorofluoromethane	ND	0.0050	1	06/19/2020 23:48
1,2,3-Trichloropropane	ND	0.00010	1	06/19/2020 23:48
1,2,4-Trimethylbenzene	ND	0.0050	1	06/19/2020 23:48
1,3,5-Trimethylbenzene	ND	0.0050	1	06/19/2020 23:48
Vinyl Chloride	ND	0.00025	1	06/19/2020 23:48
m,p-Xylene	ND	0.0050	1	06/19/2020 23:48
o-Xylene	ND	0.0050	1	06/19/2020 23:48
Xylenes, Total	ND	0.0050	1	06/19/2020 23:48

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC28 06192025.D	200038

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	102		82-136	06/19/2020 23:48
Toluene-d8	99		92-139	06/19/2020 23:48
4-BFB	100		82-135	06/19/2020 23:48
Benzene-d6	97		55-122	06/19/2020 23:48
Ethylbenzene-d10	91		58-141	06/19/2020 23:48
1,2-DCB-d4	72		51-107	06/19/2020 23:48

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC28 06162021.D	200038

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/16/2020 21:07
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/16/2020 21:07
Benzene	ND	0.0050	1	06/16/2020 21:07
Bromobenzene	ND	0.0050	1	06/16/2020 21:07
Bromochloromethane	ND	0.0050	1	06/16/2020 21:07
Bromodichloromethane	ND	0.0010	1	06/16/2020 21:07
Bromoform	ND	0.0050	1	06/16/2020 21:07
Bromomethane	ND	0.0050	1	06/16/2020 21:07
2-Butanone (MEK)	ND	0.020	1	06/16/2020 21:07
t-Butyl alcohol (TBA)	ND	0.050	1	06/16/2020 21:07
n-Butyl benzene	ND	0.0050	1	06/16/2020 21:07
sec-Butyl benzene	ND	0.0050	1	06/16/2020 21:07
tert-Butyl benzene	ND	0.0050	1	06/16/2020 21:07
Carbon Disulfide	ND	0.0050	1	06/16/2020 21:07
Carbon Tetrachloride	ND	0.0050	1	06/16/2020 21:07
Chlorobenzene	ND	0.0050	1	06/16/2020 21:07
Chloroethane	ND	0.0050	1	06/16/2020 21:07
Chloroform	ND	0.0050	1	06/16/2020 21:07
Chloromethane	ND	0.0050	1	06/16/2020 21:07
2-Chlorotoluene	ND	0.0050	1	06/16/2020 21:07
4-Chlorotoluene	ND	0.0050	1	06/16/2020 21:07
Dibromochloromethane	ND	0.0050	1	06/16/2020 21:07
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/16/2020 21:07
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/16/2020 21:07
Dibromomethane	ND	0.0050	1	06/16/2020 21:07
1,2-Dichlorobenzene	ND	0.0050	1	06/16/2020 21:07
1,3-Dichlorobenzene	ND	0.0050	1	06/16/2020 21:07
1,4-Dichlorobenzene	ND	0.0050	1	06/16/2020 21:07
Dichlorodifluoromethane	ND	0.0050	1	06/16/2020 21:07
1,1-Dichloroethane	ND	0.0050	1	06/16/2020 21:07
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/16/2020 21:07
1,1-Dichloroethene	ND	0.00025	1	06/16/2020 21:07
cis-1,2-Dichloroethene	ND	0.0050	1	06/16/2020 21:07
trans-1,2-Dichloroethene	ND	0.0050	1	06/16/2020 21:07
1,2-Dichloropropane	ND	0.0050	1	06/16/2020 21:07
1,3-Dichloropropane	ND	0.0050	1	06/16/2020 21:07
2,2-Dichloropropane	ND	0.0050	1	06/16/2020 21:07

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC28 06162021.D	200038

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/16/2020 21:07
cis-1,3-Dichloropropene	ND	0.0050	1	06/16/2020 21:07
trans-1,3-Dichloropropene	ND	0.0050	1	06/16/2020 21:07
Diisopropyl ether (DIPE)	ND	0.0050	1	06/16/2020 21:07
Ethylbenzene	ND	0.0050	1	06/16/2020 21:07
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/16/2020 21:07
Freon 113	ND	0.0050	1	06/16/2020 21:07
Hexachlorobutadiene	ND	0.0050	1	06/16/2020 21:07
Hexachloroethane	ND	0.0050	1	06/16/2020 21:07
2-Hexanone	ND	0.0050	1	06/16/2020 21:07
Isopropylbenzene	ND	0.0050	1	06/16/2020 21:07
4-Isopropyl toluene	ND	0.0050	1	06/16/2020 21:07
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/16/2020 21:07
Methylene chloride	ND	0.010	1	06/16/2020 21:07
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/16/2020 21:07
Naphthalene	ND	0.0050	1	06/16/2020 21:07
n-Propyl benzene	ND	0.0050	1	06/16/2020 21:07
Styrene	ND	0.0050	1	06/16/2020 21:07
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/16/2020 21:07
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/16/2020 21:07
Tetrachloroethene	ND	0.0010	1	06/16/2020 21:07
Toluene	ND	0.0050	1	06/16/2020 21:07
1,2,3-Trichlorobenzene	ND	0.0050	1	06/16/2020 21:07
1,2,4-Trichlorobenzene	ND	0.0050	1	06/16/2020 21:07
1,1,1-Trichloroethane	ND	0.0050	1	06/16/2020 21:07
1,1,2-Trichloroethane	ND	0.0050	1	06/16/2020 21:07
Trichloroethene	ND	0.0050	1	06/16/2020 21:07
Trichlorofluoromethane	ND	0.0050	1	06/16/2020 21:07
1,2,3-Trichloropropane	ND	0.00010	1	06/16/2020 21:07
1,2,4-Trimethylbenzene	ND	0.0050	1	06/16/2020 21:07
1,3,5-Trimethylbenzene	ND	0.0050	1	06/16/2020 21:07
Vinyl Chloride	ND	0.00025	1	06/16/2020 21:07
m,p-Xylene	ND	0.0050	1	06/16/2020 21:07
o-Xylene	ND	0.0050	1	06/16/2020 21:07
Xylenes, Total	ND	0.0050	1	06/16/2020 21:07

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC28 06162021.D	200038

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	109	82-136		06/16/2020 21:07
Toluene-d8	96	92-139		06/16/2020 21:07
4-BFB	104	82-135		06/16/2020 21:07
Benzene-d6	112	55-122		06/16/2020 21:07
Ethylbenzene-d10	98	58-141		06/16/2020 21:07
1,2-DCB-d4	74	51-107		06/16/2020 21:07

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC28 06192026.D	200038

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 00:29
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 00:29
Benzene	ND	0.0050	1	06/20/2020 00:29
Bromobenzene	ND	0.0050	1	06/20/2020 00:29
Bromochloromethane	ND	0.0050	1	06/20/2020 00:29
Bromodichloromethane	ND	0.0010	1	06/20/2020 00:29
Bromoform	ND	0.0050	1	06/20/2020 00:29
Bromomethane	ND	0.0050	1	06/20/2020 00:29
2-Butanone (MEK)	ND	0.020	1	06/20/2020 00:29
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 00:29
n-Butyl benzene	ND	0.0050	1	06/20/2020 00:29
sec-Butyl benzene	ND	0.0050	1	06/20/2020 00:29
tert-Butyl benzene	ND	0.0050	1	06/20/2020 00:29
Carbon Disulfide	ND	0.0050	1	06/20/2020 00:29
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 00:29
Chlorobenzene	ND	0.0050	1	06/20/2020 00:29
Chloroethane	ND	0.0050	1	06/20/2020 00:29
Chloroform	ND	0.0050	1	06/20/2020 00:29
Chloromethane	ND	0.0050	1	06/20/2020 00:29
2-Chlorotoluene	ND	0.0050	1	06/20/2020 00:29
4-Chlorotoluene	ND	0.0050	1	06/20/2020 00:29
Dibromochloromethane	ND	0.0050	1	06/20/2020 00:29
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 00:29
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 00:29
Dibromomethane	ND	0.0050	1	06/20/2020 00:29
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 00:29
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 00:29
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 00:29
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 00:29
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 00:29
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 00:29
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 00:29
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 00:29
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 00:29
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 00:29
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 00:29
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 00:29

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC28 06192026.D	200038

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 00:29
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 00:29
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 00:29
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 00:29
Ethylbenzene	ND	0.0050	1	06/20/2020 00:29
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 00:29
Freon 113	ND	0.0050	1	06/20/2020 00:29
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 00:29
Hexachloroethane	ND	0.0050	1	06/20/2020 00:29
2-Hexanone	ND	0.0050	1	06/20/2020 00:29
Isopropylbenzene	ND	0.0050	1	06/20/2020 00:29
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 00:29
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 00:29
Methylene chloride	ND	0.010	1	06/20/2020 00:29
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 00:29
Naphthalene	ND	0.0050	1	06/20/2020 00:29
n-Propyl benzene	ND	0.0050	1	06/20/2020 00:29
Styrene	ND	0.0050	1	06/20/2020 00:29
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 00:29
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 00:29
Tetrachloroethene	ND	0.0010	1	06/20/2020 00:29
Toluene	ND	0.0050	1	06/20/2020 00:29
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 00:29
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 00:29
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 00:29
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 00:29
Trichloroethene	ND	0.0050	1	06/20/2020 00:29
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 00:29
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 00:29
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 00:29
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 00:29
Vinyl Chloride	ND	0.00025	1	06/20/2020 00:29
m,p-Xylene	ND	0.0050	1	06/20/2020 00:29
o-Xylene	ND	0.0050	1	06/20/2020 00:29
Xylenes, Total	ND	0.0050	1	06/20/2020 00:29

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC28 06192026.D	200038

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	93		82-136	06/20/2020 00:29
Toluene-d8	98		92-139	06/20/2020 00:29
4-BFB	102		82-135	06/20/2020 00:29
Benzene-d6	86		55-122	06/20/2020 00:29
Ethylbenzene-d10	90		58-141	06/20/2020 00:29
1,2-DCB-d4	73		51-107	06/20/2020 00:29

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC28 06192027.D	200038

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 01:10
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 01:10
Benzene	ND	0.0050	1	06/20/2020 01:10
Bromobenzene	ND	0.0050	1	06/20/2020 01:10
Bromochloromethane	ND	0.0050	1	06/20/2020 01:10
Bromodichloromethane	ND	0.0010	1	06/20/2020 01:10
Bromoform	ND	0.0050	1	06/20/2020 01:10
Bromomethane	ND	0.0050	1	06/20/2020 01:10
2-Butanone (MEK)	ND	0.020	1	06/20/2020 01:10
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 01:10
n-Butyl benzene	ND	0.0050	1	06/20/2020 01:10
sec-Butyl benzene	ND	0.0050	1	06/20/2020 01:10
tert-Butyl benzene	ND	0.0050	1	06/20/2020 01:10
Carbon Disulfide	ND	0.0050	1	06/20/2020 01:10
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 01:10
Chlorobenzene	ND	0.0050	1	06/20/2020 01:10
Chloroethane	ND	0.0050	1	06/20/2020 01:10
Chloroform	ND	0.0050	1	06/20/2020 01:10
Chloromethane	ND	0.0050	1	06/20/2020 01:10
2-Chlorotoluene	ND	0.0050	1	06/20/2020 01:10
4-Chlorotoluene	ND	0.0050	1	06/20/2020 01:10
Dibromochloromethane	ND	0.0050	1	06/20/2020 01:10
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 01:10
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 01:10
Dibromomethane	ND	0.0050	1	06/20/2020 01:10
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 01:10
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 01:10
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 01:10
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 01:10
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 01:10
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 01:10
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 01:10
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 01:10
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 01:10
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 01:10
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 01:10
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 01:10

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC28 06192027.D	200038

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 01:10
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 01:10
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 01:10
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 01:10
Ethylbenzene	ND	0.0050	1	06/20/2020 01:10
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 01:10
Freon 113	ND	0.0050	1	06/20/2020 01:10
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 01:10
Hexachloroethane	ND	0.0050	1	06/20/2020 01:10
2-Hexanone	ND	0.0050	1	06/20/2020 01:10
Isopropylbenzene	ND	0.0050	1	06/20/2020 01:10
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 01:10
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 01:10
Methylene chloride	ND	0.010	1	06/20/2020 01:10
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 01:10
Naphthalene	ND	0.0050	1	06/20/2020 01:10
n-Propyl benzene	ND	0.0050	1	06/20/2020 01:10
Styrene	ND	0.0050	1	06/20/2020 01:10
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 01:10
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 01:10
Tetrachloroethene	ND	0.0010	1	06/20/2020 01:10
Toluene	ND	0.0050	1	06/20/2020 01:10
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 01:10
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 01:10
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 01:10
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 01:10
Trichloroethene	ND	0.0050	1	06/20/2020 01:10
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 01:10
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 01:10
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 01:10
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 01:10
Vinyl Chloride	ND	0.00025	1	06/20/2020 01:10
m,p-Xylene	ND	0.0050	1	06/20/2020 01:10
o-Xylene	ND	0.0050	1	06/20/2020 01:10
Xylenes, Total	ND	0.0050	1	06/20/2020 01:10

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC28 06192027.D	200038

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	96		82-136	06/20/2020 01:10
Toluene-d8	98		92-139	06/20/2020 01:10
4-BFB	101		82-135	06/20/2020 01:10
Benzene-d6	87		55-122	06/20/2020 01:10
Ethylbenzene-d10	91		58-141	06/20/2020 01:10
1,2-DCB-d4	72		51-107	06/20/2020 01:10

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC21 06172040.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/18/2020 01:29
Acenaphthylene	ND	0.0013	1	06/18/2020 01:29
Acetochlor	ND	0.25	1	06/18/2020 01:29
Anthracene	ND	0.0013	1	06/18/2020 01:29
Benzidine	ND	1.2	1	06/18/2020 01:29
Benzo (a) anthracene	ND	0.013	1	06/18/2020 01:29
Benzo (a) pyrene	ND	0.0025	1	06/18/2020 01:29
Benzo (b) fluoranthene	ND	0.0063	1	06/18/2020 01:29
Benzo (g,h,i) perylene	ND	0.0025	1	06/18/2020 01:29
Benzo (k) fluoranthene	ND	0.0013	1	06/18/2020 01:29
Benzyl Alcohol	ND	1.2	1	06/18/2020 01:29
1,1-Biphenyl	ND	0.013	1	06/18/2020 01:29
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/18/2020 01:29
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/18/2020 01:29
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/18/2020 01:29
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/18/2020 01:29
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/18/2020 01:29
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/18/2020 01:29
Butylbenzyl Phthalate	ND	0.025	1	06/18/2020 01:29
4-Chloroaniline	ND	0.0025	1	06/18/2020 01:29
4-Chloro-3-methylphenol	ND	0.25	1	06/18/2020 01:29
2-Chloronaphthalene	ND	0.25	1	06/18/2020 01:29
2-Chlorophenol	ND	0.013	1	06/18/2020 01:29
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/18/2020 01:29
Chrysene	ND	0.0025	1	06/18/2020 01:29
Dibenzo (a,h) anthracene	ND	0.0025	1	06/18/2020 01:29
Dibenzofuran	ND	0.25	1	06/18/2020 01:29
Di-n-butyl Phthalate	ND	0.013	1	06/18/2020 01:29
1,2-Dichlorobenzene	ND	0.25	1	06/18/2020 01:29
1,3-Dichlorobenzene	ND	0.25	1	06/18/2020 01:29
1,4-Dichlorobenzene	ND	0.25	1	06/18/2020 01:29
3,3-Dichlorobenzidine	ND	0.0025	1	06/18/2020 01:29
2,4-Dichlorophenol	ND	0.013	1	06/18/2020 01:29
Diethyl Phthalate	ND	0.013	1	06/18/2020 01:29
2,4-Dimethylphenol	ND	0.25	1	06/18/2020 01:29
Dimethyl Phthalate	ND	0.0025	1	06/18/2020 01:29
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/18/2020 01:29

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC21 06172040.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/18/2020 01:29
2,4-Dinitrotoluene	ND	0.013	1	06/18/2020 01:29
2,6-Dinitrotoluene	ND	0.013	1	06/18/2020 01:29
Di-n-octyl Phthalate	ND	0.013	1	06/18/2020 01:29
1,2-Diphenylhydrazine	ND	0.25	1	06/18/2020 01:29
Fluoranthene	ND	0.0013	1	06/18/2020 01:29
Fluorene	ND	0.0025	1	06/18/2020 01:29
Hexachlorobenzene	ND	0.0013	1	06/18/2020 01:29
Hexachlorobutadiene	ND	0.0025	1	06/18/2020 01:29
Hexachlorocyclopentadiene	ND	2.0	1	06/18/2020 01:29
Hexachloroethane	ND	0.013	1	06/18/2020 01:29
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/18/2020 01:29
Isophorone	ND	0.25	1	06/18/2020 01:29
2-Methylnaphthalene	ND	0.0025	1	06/18/2020 01:29
2-Methylphenol (o-Cresol)	ND	0.25	1	06/18/2020 01:29
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/18/2020 01:29
Naphthalene	ND	0.0013	1	06/18/2020 01:29
2-Nitroaniline	ND	1.2	1	06/18/2020 01:29
3-Nitroaniline	ND	1.2	1	06/18/2020 01:29
4-Nitroaniline	ND	1.2	1	06/18/2020 01:29
Nitrobenzene	ND	0.25	1	06/18/2020 01:29
2-Nitrophenol	ND	1.2	1	06/18/2020 01:29
4-Nitrophenol	ND	1.2	1	06/18/2020 01:29
N-Nitrosodiphenylamine	ND	0.25	1	06/18/2020 01:29
N-Nitrosodi-n-propylamine	ND	0.25	1	06/18/2020 01:29
Pentachlorophenol	ND	0.062	1	06/18/2020 01:29
Phenanthrene	ND	0.0050	1	06/18/2020 01:29
Phenol	ND	0.050	1	06/18/2020 01:29
Pyrene	ND	0.0025	1	06/18/2020 01:29
Pyridine	ND	0.25	1	06/18/2020 01:29
1,2,4-Trichlorobenzene	ND	0.25	1	06/18/2020 01:29
2,4,5-Trichlorophenol	ND	0.0025	1	06/18/2020 01:29
2,4,6-Trichlorophenol	ND	0.013	1	06/18/2020 01:29

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC21 06172040.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	94		60-130	06/18/2020 01:29
Phenol-d5	93		60-130	06/18/2020 01:29
Nitrobenzene-d5	72		60-130	06/18/2020 01:29
2-Fluorobiphenyl	66		60-130	06/18/2020 01:29
2,4,6-Tribromophenol	41	S	50-130	06/18/2020 01:29
4-Terphenyl-d14	64		50-130	06/18/2020 01:29

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC21 06172041.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/18/2020 01:56
Acenaphthylene	ND	0.0013	1	06/18/2020 01:56
Acetochlor	ND	0.25	1	06/18/2020 01:56
Anthracene	ND	0.0013	1	06/18/2020 01:56
Benzidine	ND	1.2	1	06/18/2020 01:56
Benzo (a) anthracene	ND	0.013	1	06/18/2020 01:56
Benzo (a) pyrene	ND	0.0025	1	06/18/2020 01:56
Benzo (b) fluoranthene	ND	0.0063	1	06/18/2020 01:56
Benzo (g,h,i) perylene	ND	0.0025	1	06/18/2020 01:56
Benzo (k) fluoranthene	ND	0.0013	1	06/18/2020 01:56
Benzyl Alcohol	ND	1.2	1	06/18/2020 01:56
1,1-Biphenyl	ND	0.013	1	06/18/2020 01:56
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/18/2020 01:56
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/18/2020 01:56
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/18/2020 01:56
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/18/2020 01:56
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/18/2020 01:56
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/18/2020 01:56
Butylbenzyl Phthalate	ND	0.025	1	06/18/2020 01:56
4-Chloroaniline	ND	0.0025	1	06/18/2020 01:56
4-Chloro-3-methylphenol	ND	0.25	1	06/18/2020 01:56
2-Chloronaphthalene	ND	0.25	1	06/18/2020 01:56
2-Chlorophenol	ND	0.013	1	06/18/2020 01:56
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/18/2020 01:56
Chrysene	ND	0.0025	1	06/18/2020 01:56
Dibenzo (a,h) anthracene	ND	0.0025	1	06/18/2020 01:56
Dibenzofuran	ND	0.25	1	06/18/2020 01:56
Di-n-butyl Phthalate	ND	0.013	1	06/18/2020 01:56
1,2-Dichlorobenzene	ND	0.25	1	06/18/2020 01:56
1,3-Dichlorobenzene	ND	0.25	1	06/18/2020 01:56
1,4-Dichlorobenzene	ND	0.25	1	06/18/2020 01:56
3,3-Dichlorobenzidine	ND	0.0025	1	06/18/2020 01:56
2,4-Dichlorophenol	ND	0.013	1	06/18/2020 01:56
Diethyl Phthalate	ND	0.013	1	06/18/2020 01:56
2,4-Dimethylphenol	ND	0.25	1	06/18/2020 01:56
Dimethyl Phthalate	ND	0.0025	1	06/18/2020 01:56
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/18/2020 01:56

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC21 06172041.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/18/2020 01:56
2,4-Dinitrotoluene	ND	0.013	1	06/18/2020 01:56
2,6-Dinitrotoluene	ND	0.013	1	06/18/2020 01:56
Di-n-octyl Phthalate	ND	0.013	1	06/18/2020 01:56
1,2-Diphenylhydrazine	ND	0.25	1	06/18/2020 01:56
Fluoranthene	ND	0.0013	1	06/18/2020 01:56
Fluorene	ND	0.0025	1	06/18/2020 01:56
Hexachlorobenzene	ND	0.0013	1	06/18/2020 01:56
Hexachlorobutadiene	ND	0.0025	1	06/18/2020 01:56
Hexachlorocyclopentadiene	ND	2.0	1	06/18/2020 01:56
Hexachloroethane	ND	0.013	1	06/18/2020 01:56
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/18/2020 01:56
Isophorone	ND	0.25	1	06/18/2020 01:56
2-Methylnaphthalene	ND	0.0025	1	06/18/2020 01:56
2-Methylphenol (o-Cresol)	ND	0.25	1	06/18/2020 01:56
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/18/2020 01:56
Naphthalene	ND	0.0013	1	06/18/2020 01:56
2-Nitroaniline	ND	1.2	1	06/18/2020 01:56
3-Nitroaniline	ND	1.2	1	06/18/2020 01:56
4-Nitroaniline	ND	1.2	1	06/18/2020 01:56
Nitrobenzene	ND	0.25	1	06/18/2020 01:56
2-Nitrophenol	ND	1.2	1	06/18/2020 01:56
4-Nitrophenol	ND	1.2	1	06/18/2020 01:56
N-Nitrosodiphenylamine	ND	0.25	1	06/18/2020 01:56
N-Nitrosodi-n-propylamine	ND	0.25	1	06/18/2020 01:56
Pentachlorophenol	ND	0.062	1	06/18/2020 01:56
Phenanthrene	ND	0.0050	1	06/18/2020 01:56
Phenol	ND	0.050	1	06/18/2020 01:56
Pyrene	ND	0.0025	1	06/18/2020 01:56
Pyridine	ND	0.25	1	06/18/2020 01:56
1,2,4-Trichlorobenzene	ND	0.25	1	06/18/2020 01:56
2,4,5-Trichlorophenol	ND	0.0025	1	06/18/2020 01:56
2,4,6-Trichlorophenol	ND	0.013	1	06/18/2020 01:56

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC21 06172041.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	99		60-130	06/18/2020 01:56
Phenol-d5	96		60-130	06/18/2020 01:56
Nitrobenzene-d5	74		60-130	06/18/2020 01:56
2-Fluorobiphenyl	70		60-130	06/18/2020 01:56
2,4,6-Tribromophenol	32	S	50-130	06/18/2020 01:56
4-Terphenyl-d14	72		50-130	06/18/2020 01:56

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC21 06192014.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 13:22
Acenaphthylene	ND	0.0013	1	06/19/2020 13:22
Acetochlor	ND	0.25	1	06/19/2020 13:22
Anthracene	ND	0.0013	1	06/19/2020 13:22
Benzidine	ND	1.2	1	06/19/2020 13:22
Benzo (a) anthracene	ND	0.013	1	06/19/2020 13:22
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 13:22
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 13:22
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 13:22
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 13:22
Benzyl Alcohol	ND	1.2	1	06/19/2020 13:22
1,1-Biphenyl	ND	0.013	1	06/19/2020 13:22
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 13:22
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 13:22
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 13:22
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 13:22
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 13:22
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 13:22
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 13:22
4-Chloroaniline	ND	0.0025	1	06/19/2020 13:22
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 13:22
2-Chloronaphthalene	ND	0.25	1	06/19/2020 13:22
2-Chlorophenol	ND	0.013	1	06/19/2020 13:22
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 13:22
Chrysene	ND	0.0025	1	06/19/2020 13:22
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 13:22
Dibenzofuran	ND	0.25	1	06/19/2020 13:22
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 13:22
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 13:22
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 13:22
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 13:22
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 13:22
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 13:22
Diethyl Phthalate	ND	0.013	1	06/19/2020 13:22
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 13:22
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 13:22
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 13:22

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC21 06192014.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 13:22
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 13:22
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 13:22
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 13:22
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 13:22
Fluoranthene	ND	0.0013	1	06/19/2020 13:22
Fluorene	ND	0.0025	1	06/19/2020 13:22
Hexachlorobenzene	ND	0.0013	1	06/19/2020 13:22
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 13:22
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 13:22
Hexachloroethane	ND	0.013	1	06/19/2020 13:22
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 13:22
Isophorone	ND	0.25	1	06/19/2020 13:22
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 13:22
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 13:22
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 13:22
Naphthalene	ND	0.0013	1	06/19/2020 13:22
2-Nitroaniline	ND	1.2	1	06/19/2020 13:22
3-Nitroaniline	ND	1.2	1	06/19/2020 13:22
4-Nitroaniline	ND	1.2	1	06/19/2020 13:22
Nitrobenzene	ND	0.25	1	06/19/2020 13:22
2-Nitrophenol	ND	1.2	1	06/19/2020 13:22
4-Nitrophenol	ND	1.2	1	06/19/2020 13:22
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 13:22
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 13:22
Pentachlorophenol	ND	0.062	1	06/19/2020 13:22
Phenanthrene	ND	0.0050	1	06/19/2020 13:22
Phenol	ND	0.050	1	06/19/2020 13:22
Pyrene	ND	0.0025	1	06/19/2020 13:22
Pyridine	ND	0.25	1	06/19/2020 13:22
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 13:22
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 13:22
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 13:22

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC21 06192014.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	116		60-130	06/19/2020 13:22
Phenol-d5	109		60-130	06/19/2020 13:22
Nitrobenzene-d5	87		60-130	06/19/2020 13:22
2-Fluorobiphenyl	87		60-130	06/19/2020 13:22
2,4,6-Tribromophenol	25	S	50-130	06/19/2020 13:22
4-Terphenyl-d14	81		50-130	06/19/2020 13:22

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC21 06192015.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 13:49
Acenaphthylene	ND	0.0013	1	06/19/2020 13:49
Acetochlor	ND	0.25	1	06/19/2020 13:49
Anthracene	ND	0.0013	1	06/19/2020 13:49
Benzidine	ND	1.2	1	06/19/2020 13:49
Benzo (a) anthracene	ND	0.013	1	06/19/2020 13:49
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 13:49
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 13:49
Benzo (g,h,i) perylene	0.0030	0.0025	1	06/19/2020 13:49
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 13:49
Benzyl Alcohol	ND	1.2	1	06/19/2020 13:49
1,1-Biphenyl	ND	0.013	1	06/19/2020 13:49
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 13:49
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 13:49
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 13:49
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 13:49
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 13:49
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 13:49
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 13:49
4-Chloroaniline	ND	0.0025	1	06/19/2020 13:49
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 13:49
2-Chloronaphthalene	ND	0.25	1	06/19/2020 13:49
2-Chlorophenol	ND	0.013	1	06/19/2020 13:49
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 13:49
Chrysene	ND	0.0025	1	06/19/2020 13:49
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 13:49
Dibenzofuran	ND	0.25	1	06/19/2020 13:49
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 13:49
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 13:49
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 13:49
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 13:49
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 13:49
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 13:49
Diethyl Phthalate	ND	0.013	1	06/19/2020 13:49
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 13:49
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 13:49
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 13:49

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC21 06192015.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 13:49
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 13:49
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 13:49
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 13:49
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 13:49
Fluoranthene	ND	0.0013	1	06/19/2020 13:49
Fluorene	ND	0.0025	1	06/19/2020 13:49
Hexachlorobenzene	ND	0.0013	1	06/19/2020 13:49
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 13:49
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 13:49
Hexachloroethane	ND	0.013	1	06/19/2020 13:49
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 13:49
Isophorone	ND	0.25	1	06/19/2020 13:49
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 13:49
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 13:49
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 13:49
Naphthalene	ND	0.0013	1	06/19/2020 13:49
2-Nitroaniline	ND	1.2	1	06/19/2020 13:49
3-Nitroaniline	ND	1.2	1	06/19/2020 13:49
4-Nitroaniline	ND	1.2	1	06/19/2020 13:49
Nitrobenzene	ND	0.25	1	06/19/2020 13:49
2-Nitrophenol	ND	1.2	1	06/19/2020 13:49
4-Nitrophenol	ND	1.2	1	06/19/2020 13:49
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 13:49
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 13:49
Pentachlorophenol	ND	0.062	1	06/19/2020 13:49
Phenanthrene	ND	0.0050	1	06/19/2020 13:49
Phenol	0.30	0.050	1	06/19/2020 13:49
Pyrene	ND	0.0025	1	06/19/2020 13:49
Pyridine	ND	0.25	1	06/19/2020 13:49
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 13:49
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 13:49
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 13:49

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC21 06192015.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	98		60-130	06/19/2020 13:49
Phenol-d5	94		60-130	06/19/2020 13:49
Nitrobenzene-d5	79		60-130	06/19/2020 13:49
2-Fluorobiphenyl	77		60-130	06/19/2020 13:49
2,4,6-Tribromophenol	25	S	50-130	06/19/2020 13:49
4-Terphenyl-d14	79		50-130	06/19/2020 13:49

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC21 06192020.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 16:08
Acenaphthylene	ND	0.0013	1	06/19/2020 16:08
Acetochlor	ND	0.25	1	06/19/2020 16:08
Anthracene	ND	0.0013	1	06/19/2020 16:08
Benzidine	ND	1.2	1	06/19/2020 16:08
Benzo (a) anthracene	ND	0.013	1	06/19/2020 16:08
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 16:08
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 16:08
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 16:08
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 16:08
Benzyl Alcohol	ND	1.2	1	06/19/2020 16:08
1,1-Biphenyl	ND	0.013	1	06/19/2020 16:08
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 16:08
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 16:08
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 16:08
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 16:08
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 16:08
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 16:08
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 16:08
4-Chloroaniline	ND	0.0025	1	06/19/2020 16:08
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 16:08
2-Chloronaphthalene	ND	0.25	1	06/19/2020 16:08
2-Chlorophenol	ND	0.013	1	06/19/2020 16:08
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 16:08
Chrysene	ND	0.0025	1	06/19/2020 16:08
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 16:08
Dibenzofuran	ND	0.25	1	06/19/2020 16:08
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 16:08
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 16:08
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 16:08
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 16:08
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 16:08
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 16:08
Diethyl Phthalate	ND	0.013	1	06/19/2020 16:08
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 16:08
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 16:08
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 16:08

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC21 06192020.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 16:08
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 16:08
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 16:08
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 16:08
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 16:08
Fluoranthene	ND	0.0013	1	06/19/2020 16:08
Fluorene	ND	0.0025	1	06/19/2020 16:08
Hexachlorobenzene	ND	0.0013	1	06/19/2020 16:08
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 16:08
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 16:08
Hexachloroethane	ND	0.013	1	06/19/2020 16:08
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 16:08
Isophorone	ND	0.25	1	06/19/2020 16:08
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 16:08
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 16:08
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 16:08
Naphthalene	ND	0.0013	1	06/19/2020 16:08
2-Nitroaniline	ND	1.2	1	06/19/2020 16:08
3-Nitroaniline	ND	1.2	1	06/19/2020 16:08
4-Nitroaniline	ND	1.2	1	06/19/2020 16:08
Nitrobenzene	ND	0.25	1	06/19/2020 16:08
2-Nitrophenol	ND	1.2	1	06/19/2020 16:08
4-Nitrophenol	ND	1.2	1	06/19/2020 16:08
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 16:08
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 16:08
Pentachlorophenol	ND	0.062	1	06/19/2020 16:08
Phenanthrene	ND	0.0050	1	06/19/2020 16:08
Phenol	0.14	0.050	1	06/19/2020 16:08
Pyrene	ND	0.0025	1	06/19/2020 16:08
Pyridine	ND	0.25	1	06/19/2020 16:08
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 16:08
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 16:08
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 16:08

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC21 06192020.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	85		60-130	06/19/2020 16:08
Phenol-d5	83		60-130	06/19/2020 16:08
Nitrobenzene-d5	69		60-130	06/19/2020 16:08
2-Fluorobiphenyl	65		60-130	06/19/2020 16:08
2,4,6-Tribromophenol	16	S	50-130	06/19/2020 16:08
4-Terphenyl-d14	65		50-130	06/19/2020 16:08

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	ICP-MS5 238SMPL.d	200036

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/15/2020 20:07
Arsenic	1.9	0.50	1	06/15/2020 20:07
Barium	68	5.0	1	06/15/2020 20:07
Beryllium	ND	0.50	1	06/15/2020 20:07
Cadmium	ND	0.50	1	06/15/2020 20:07
Chromium	34	0.50	1	06/15/2020 20:07
Cobalt	5.2	0.50	1	06/15/2020 20:07
Copper	6.9	0.50	1	06/15/2020 20:07
Lead	3.5	0.50	1	06/15/2020 20:07
Mercury	ND	0.050	1	06/15/2020 20:07
Molybdenum	ND	0.50	1	06/15/2020 20:07
Nickel	23	0.50	1	06/15/2020 20:07
Selenium	ND	0.50	1	06/15/2020 20:07
Silver	ND	0.50	1	06/15/2020 20:07
Thallium	ND	0.50	1	06/15/2020 20:07
Vanadium	24	0.50	1	06/15/2020 20:07
Zinc	76	5.0	1	06/15/2020 20:07

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/15/2020 20:07

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	ICP-MS5 147SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 12:44
Arsenic	1.8	0.50	1	06/16/2020 12:44
Barium	62	5.0	1	06/16/2020 12:44
Beryllium	ND	0.50	1	06/16/2020 12:44
Cadmium	ND	0.50	1	06/16/2020 12:44
Chromium	31	0.50	1	06/16/2020 12:44
Cobalt	3.4	0.50	1	06/16/2020 12:44
Copper	5.8	0.50	1	06/16/2020 12:44
Lead	2.2	0.50	1	06/16/2020 12:44
Mercury	ND	0.050	1	06/16/2020 12:44
Molybdenum	ND	0.50	1	06/16/2020 12:44
Nickel	19	0.50	1	06/16/2020 12:44
Selenium	ND	0.50	1	06/16/2020 12:44
Silver	ND	0.50	1	06/16/2020 12:44
Thallium	ND	0.50	1	06/16/2020 12:44
Vanadium	24	0.50	1	06/16/2020 12:44
Zinc	27	5.0	1	06/16/2020 12:44

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/16/2020 12:44

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	ICP-MS5 159SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 13:23
Arsenic	2.4	0.50	1	06/16/2020 13:23
Barium	46	5.0	1	06/16/2020 13:23
Beryllium	ND	0.50	1	06/16/2020 13:23
Cadmium	ND	0.50	1	06/16/2020 13:23
Chromium	38	0.50	1	06/16/2020 13:23
Cobalt	6.0	0.50	1	06/16/2020 13:23
Copper	5.9	0.50	1	06/16/2020 13:23
Lead	2.8	0.50	1	06/16/2020 13:23
Mercury	0.069	0.050	1	06/16/2020 13:23
Molybdenum	ND	0.50	1	06/16/2020 13:23
Nickel	26	0.50	1	06/16/2020 13:23
Selenium	ND	0.50	1	06/16/2020 13:23
Silver	ND	0.50	1	06/16/2020 13:23
Thallium	ND	0.50	1	06/16/2020 13:23
Vanadium	28	0.50	1	06/16/2020 13:23
Zinc	18	5.0	1	06/16/2020 13:23

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/16/2020 13:23

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	ICP-MS5 160SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 13:26
Arsenic	2.3	0.50	1	06/16/2020 13:26
Barium	80	5.0	1	06/16/2020 13:26
Beryllium	ND	0.50	1	06/16/2020 13:26
Cadmium	ND	0.50	1	06/16/2020 13:26
Chromium	39	0.50	1	06/16/2020 13:26
Cobalt	3.0	0.50	1	06/16/2020 13:26
Copper	9.1	0.50	1	06/16/2020 13:26
Lead	45	0.50	1	06/16/2020 13:26
Mercury	0.060	0.050	1	06/16/2020 13:26
Molybdenum	ND	0.50	1	06/16/2020 13:26
Nickel	20	0.50	1	06/16/2020 13:26
Selenium	ND	0.50	1	06/16/2020 13:26
Silver	ND	0.50	1	06/16/2020 13:26
Thallium	ND	0.50	1	06/16/2020 13:26
Vanadium	28	0.50	1	06/16/2020 13:26
Zinc	26	5.0	1	06/16/2020 13:26

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	103	70-130	06/16/2020 13:26

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	ICP-MS5 161SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 13:29
Arsenic	1.6	0.50	1	06/16/2020 13:29
Barium	48	5.0	1	06/16/2020 13:29
Beryllium	ND	0.50	1	06/16/2020 13:29
Cadmium	ND	0.50	1	06/16/2020 13:29
Chromium	32	0.50	1	06/16/2020 13:29
Cobalt	3.2	0.50	1	06/16/2020 13:29
Copper	5.0	0.50	1	06/16/2020 13:29
Lead	3.0	0.50	1	06/16/2020 13:29
Mercury	ND	0.050	1	06/16/2020 13:29
Molybdenum	ND	0.50	1	06/16/2020 13:29
Nickel	15	0.50	1	06/16/2020 13:29
Selenium	ND	0.50	1	06/16/2020 13:29
Silver	ND	0.50	1	06/16/2020 13:29
Thallium	ND	0.50	1	06/16/2020 13:29
Vanadium	21	0.50	1	06/16/2020 13:29
Zinc	17	5.0	1	06/16/2020 13:29

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/16/2020 13:29

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC7 06162036.D	200011

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 05:21
MTBE	---	0.050	1	06/17/2020 05:21
Benzene	---	0.0050	1	06/17/2020 05:21
Toluene	---	0.0050	1	06/17/2020 05:21
Ethylbenzene	---	0.0050	1	06/17/2020 05:21
m,p-Xylene	---	0.010	1	06/17/2020 05:21
o-Xylene	---	0.0050	1	06/17/2020 05:21
Xylenes	---	0.0050	1	06/17/2020 05:21

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	91	62-126	06/17/2020 05:21

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC19 06162040.D	200011

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 07:30
MTBE	---	0.050	1	06/17/2020 07:30
Benzene	---	0.0050	1	06/17/2020 07:30
Toluene	---	0.0050	1	06/17/2020 07:30
Ethylbenzene	---	0.0050	1	06/17/2020 07:30
m,p-Xylene	---	0.010	1	06/17/2020 07:30
o-Xylene	---	0.0050	1	06/17/2020 07:30
Xylenes	---	0.0050	1	06/17/2020 07:30

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	80	62-126	06/17/2020 07:30

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC3 06152035.D	200011

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/16/2020 06:20
MTBE	---	0.050	1	06/16/2020 06:20
Benzene	---	0.0050	1	06/16/2020 06:20
Toluene	---	0.0050	1	06/16/2020 06:20
Ethylbenzene	---	0.0050	1	06/16/2020 06:20
m,p-Xylene	---	0.010	1	06/16/2020 06:20
o-Xylene	---	0.0050	1	06/16/2020 06:20
Xylenes	---	0.0050	1	06/16/2020 06:20

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	83	62-126	06/16/2020 06:20

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC7 06162037.D	200011

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 05:51
MTBE	---	0.050	1	06/17/2020 05:51
Benzene	---	0.0050	1	06/17/2020 05:51
Toluene	---	0.0050	1	06/17/2020 05:51
Ethylbenzene	---	0.0050	1	06/17/2020 05:51
m,p-Xylene	---	0.010	1	06/17/2020 05:51
o-Xylene	---	0.0050	1	06/17/2020 05:51
Xylenes	---	0.0050	1	06/17/2020 05:51

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	83	62-126	06/17/2020 05:51

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC7 06162038.D	200011

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 06:21
MTBE	---	0.050	1	06/17/2020 06:21
Benzene	---	0.0050	1	06/17/2020 06:21
Toluene	---	0.0050	1	06/17/2020 06:21
Ethylbenzene	---	0.0050	1	06/17/2020 06:21
m,p-Xylene	---	0.010	1	06/17/2020 06:21
o-Xylene	---	0.0050	1	06/17/2020 06:21
Xylenes	---	0.0050	1	06/17/2020 06:21

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	85	62-126	06/17/2020 06:21

Analyst(s): IA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-1.5	2006696-001A	Soil	06/10/2020 10:29	GC6B 06152035.D	200031

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/15/2020 20:21
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/15/2020 20:21

Surrogates	REC (%)	Limits
C9	98	70-130

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-3.0	2006696-002A	Soil	06/10/2020 10:33	GC6B 06152045.D	200031

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/15/2020 23:36
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/15/2020 23:36

Surrogates	REC (%)	Limits
C9	98	70-130

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-6-5.0	2006696-003A	Soil	06/10/2020 10:36	GC6B 06152047.D	200031

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 00:15
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 00:15

Surrogates	REC (%)	Limits
C9	97	70-130

Analyst(s): JIS

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/12/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-1.5	2006696-004A	Soil	06/10/2020 13:45	GC6B 06152049.D	200031

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 00:54
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 00:54

Surrogates	REC (%)	Limits	Date Analyzed
C9	97	70-130	06/16/2020 00:54

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-1-3.0	2006696-005A	Soil	06/10/2020 13:47	GC6B 06152053.D	200031

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 02:12
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 02:12

Surrogates	REC (%)	Limits	Date Analyzed
C9	96	70-130	06/16/2020 02:12

Analyst(s): JIS



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC23
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200152
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200152

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0000360	0.000100	-	-	-
a-BHC	ND	0.0000250	0.000100	-	-	-
b-BHC	ND	0.000250	0.000300	-	-	-
d-BHC	ND	0.000130	0.000200	-	-	-
g-BHC	ND	0.0000660	0.000100	-	-	-
Chlordane (Technical)	ND	0.000430	0.00250	-	-	-
a-Chlordane	ND	0.0000950	0.000100	-	-	-
g-Chlordane	ND	0.0000470	0.000100	-	-	-
p,p-DDD	ND	0.0000430	0.000100	-	-	-
p,p-DDE	ND	0.0000940	0.000100	-	-	-
p,p-DDT	ND	0.0000920	0.000100	-	-	-
Dieldrin	ND	0.0000610	0.000100	-	-	-
Endosulfan I	ND	0.0000480	0.000100	-	-	-
Endosulfan II	ND	0.0000760	0.000100	-	-	-
Endosulfan sulfate	ND	0.0000780	0.000100	-	-	-
Endrin	ND	0.0000350	0.000100	-	-	-
Endrin aldehyde	ND	0.0000670	0.000100	-	-	-
Endrin ketone	ND	0.0000840	0.000100	-	-	-
Heptachlor	ND	0.0000400	0.000100	-	-	-
Heptachlor epoxide	ND	0.0000540	0.000100	-	-	-
Hexachlorobenzene	ND	0.000110	0.00100	-	-	-
Hexachlorocyclopentadiene	ND	0.000340	0.00200	-	-	-
Methoxychlor	ND	0.000130	0.000200	-	-	-
Toxaphene	ND	0.00340	0.00500	-	-	-
Aroclor1016	ND	0.00200	0.00500	-	-	-
Aroclor1221	ND	0.00220	0.00500	-	-	-
Aroclor1232	ND	0.00220	0.00500	-	-	-
Aroclor1242	ND	0.00220	0.00500	-	-	-
Aroclor1248	ND	0.00220	0.00500	-	-	-
Aroclor1254	ND	0.00220	0.00500	-	-	-
Aroclor1260	ND	0.00220	0.00500	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.00520			0.005	104	28-170

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC23
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200152
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200152

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00393	0.00401	0.0050	79	80	31-155	2.04	20
a-BHC	0.00450	0.00455	0.0050	90	91	32-160	1.05	20
b-BHC	0.00401	0.00419	0.0050	80	84	44-149	4.40	20
d-BHC	0.00457	0.00470	0.0050	91	94	37-157	2.71	20
g-BHC	0.00440	0.00455	0.0050	88	91	43-154	3.27	20
a-Chlordane	0.00363	0.00373	0.0050	73	75	39-150	2.54	20
g-Chlordane	0.00409	0.00419	0.0050	82	84	39-151	2.32	20
p,p-DDD	0.00426	0.00440	0.0050	85	88	30-158	3.34	20
p,p-DDE	0.00392	0.00400	0.0050	78	80	47-149	2.09	20
p,p-DDT	0.00422	0.00438	0.0050	84	88	56-166	3.80	20
Dieldrin	0.00444	0.00456	0.0050	89	91	50-163	2.81	20
Endosulfan I	0.00393	0.00402	0.0050	79	80	45-159	2.21	20
Endosulfan II	0.00393	0.00403	0.0050	79	81	41-155	2.53	20
Endosulfan sulfate	0.00404	0.00426	0.0050	81	85	45-156	5.33	20
Endrin	0.00424	0.00435	0.0050	85	87	54-154	2.64	20
Endrin aldehyde	0.00376	0.00390	0.0050	75	78	27-159	3.84	20
Endrin ketone	0.00374	0.00390	0.0050	75	78	40-147	4.34	20
Heptachlor	0.00438	0.00448	0.0050	88	90	52-165	2.37	20
Heptachlor epoxide	0.00384	0.00395	0.0050	77	79	46-145	2.67	20
Hexachlorobenzene	0.00369	0.00377	0.0050	74	75	22-156	2.01	20
Hexachlorocyclopentadiene	0.00295	0.00289	0.0050	59	58	43-173	2.16	20
Methoxychlor	0.00436	0.00458	0.0050	87	92	49-150	4.77	20
Aroclor1016	0.0112	0.0108	0.015	75	72	49-120	3.51	20
Aroclor1260	0.0121	0.0117	0.015	81	78	48-160	3.83	20
Surrogate Recovery								
Decachlorobiphenyl	0.00534	0.00535	0.0050	107	107	28-170	0.171	20



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200142
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200142
 2006696-005AMS/MSD

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Alachlor	ND	0.0420	0.100	-	-	-
Atrazine	ND	0.0230	0.100	-	-	-
Azinphos methyl (Guthion)	ND	0.0730	0.100	-	-	-
Bolstar (Sulprofos)	ND	0.0530	0.100	-	-	-
Chloropyrifos	ND	0.0550	0.100	-	-	-
Coumaphos	ND	0.0700	0.100	-	-	-
Demeton	ND	0.0430	0.100	-	-	-
Diazinon	ND	0.0420	0.100	-	-	-
Dichlorvos (DDVP)	ND	0.0360	0.100	-	-	-
Dimethoate	ND	0.0360	0.100	-	-	-
Disulfoton (Di-Syston)	ND	0.0510	0.100	-	-	-
EPN	ND	0.0560	0.100	-	-	-
EPTC	ND	0.0260	0.100	-	-	-
Ethion	ND	0.0360	0.100	-	-	-
Ethoprop	ND	0.0350	0.100	-	-	-
Ethyl parathion	ND	0.0250	0.100	-	-	-
Fensulfothion	ND	0.0540	0.100	-	-	-
Fenthion	ND	0.0440	0.100	-	-	-
Fonofos	ND	0.0380	0.100	-	-	-
Malathion	ND	0.0460	0.100	-	-	-
Mevinphos (Phosdrin)	ND	0.0780	0.100	-	-	-
Molinate	ND	0.0340	0.100	-	-	-
Methyl parathion	ND	0.0400	0.100	-	-	-
Phorate (Thimet)	ND	0.0440	0.100	-	-	-
Prometon	ND	0.0370	0.100	-	-	-
Ronnel	ND	0.0460	0.100	-	-	-
Simazine	ND	0.0660	0.100	-	-	-
Stirofos (Tetrachlorvinphos)	ND	0.0440	0.100	-	-	-
Terbacil	ND	0.0330	0.100	-	-	-
Terbufos (Terbuphos)	ND	0.0520	0.100	-	-	-
Thiobencarb	ND	0.0330	0.100	-	-	-
Tokuthion (Prothiofos)	ND	0.0410	0.100	-	-	-
Trichloronate (Agritox)	ND	0.0570	0.100	-	-	-

Surrogate Recovery

Triphenyl phosphate	0.164			0.2	82	60-140
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Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200142
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200142
 2006696-005AMS/MSD

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Alachlor	0.526	0.545	0.60	88	91	50-160	3.68	20
Atrazine	0.501	0.516	0.60	83	86	50-160	3.05	20
Azinphos methyl (Guthion)	0.535	0.562	0.60	89	94	60-140	4.82	20
Bolstar (Sulprofos)	0.520	0.544	0.60	87	91	60-140	4.48	20
Chloropyrifos	0.541	0.555	0.60	90	92	60-140	2.51	20
Coumaphos	0.538	0.575	0.60	90	96	60-140	6.77	20
Demeton	0.574	0.602	0.60	96	100	60-140	4.72	20
Diazinon	0.538	0.555	0.60	90	92	60-140	3.16	20
Dichlorvos (DDVP)	0.471	0.508	0.60	79	85	60-140	7.50	20
Dimethoate	0.583	0.562	0.60	97	94	60-140	3.60	20
Disulfoton (Di-Syston)	0.513	0.534	0.60	85	89	50-160	3.95	20
EPN	0.530	0.544	0.60	88	91	60-140	2.61	20
EPTC	0.490	0.506	0.60	82	84	60-140	3.19	20
Ethion	0.556	0.579	0.60	93	97	60-140	3.99	20
Ethoprop	0.545	0.589	0.60	91	98	60-140	7.78	20
Ethyl parathion	0.501	0.505	0.60	84	84	60-140	0.839	20
Fensulfothion	0.663	0.698	0.60	111	116	60-140	5.01	20
Fenthion	0.532	0.559	0.60	89	93	50-160	4.85	20
Fonofos	0.482	0.502	0.60	80	84	60-140	3.97	20
Malathion	0.559	0.593	0.60	93	99	60-140	5.89	20
Mevinphos (Phosdrin)	0.585	0.604	0.60	98	101	60-140	3.08	20
Molinate	0.485	0.516	0.60	81	86	60-140	6.25	20
Methyl parathion	0.520	0.536	0.60	87	89	50-160	3.13	20
Phorate (Thimet)	0.520	0.540	0.60	87	90	60-140	3.75	20
Prometon	0.526	0.554	0.60	88	92	60-140	5.05	20
Ronnel	0.486	0.513	0.60	81	86	60-140	5.34	20
Simazine	0.505	0.524	0.60	84	87	60-140	3.70	20
Stirofos (Tetrachlorvinphos)	0.549	0.555	0.60	92	93	60-140	1.14	20
Terbacil	0.568	0.582	0.60	95	97	60-140	2.55	20
Terbufos (Terbuphos)	0.502	0.510	0.60	84	85	60-140	1.44	20
Thiobencarb	0.498	0.523	0.60	83	87	60-140	4.91	20
Tokuthion (Prothiofos)	0.551	0.570	0.60	92	95	60-140	3.36	20
Trichloronate (Agritox)	0.494	0.524	0.60	82	87	60-140	5.96	20

Surrogate Recovery

Triphenyl phosphate	0.172	0.180	0.20	86	90	60-140	4.73	20
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Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200142
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200142
 2006696-005AMS/MSD

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Alachlor	1	0.540	0.539	0.60	ND	90	90	60-140	0.255	20
Atrazine	1	0.495	0.500	0.60	ND	83	83	60-140	0.895	20
Azinphos methyl (Guthion)	1	0.572	0.599	0.60	ND	95	100	60-140	4.62	20
Bolstar (Sulprofos)	1	0.544	0.559	0.60	ND	91	93	60-140	2.80	20
Chloropyrifos	1	0.545	0.557	0.60	ND	91	93	60-140	2.25	20
Coumaphos	1	0.553	0.599	0.60	ND	92	100	60-140	7.84	20
Demeton	1	0.587	0.607	0.60	ND	98	101	60-140	3.33	20
Diazinon	1	0.505	0.527	0.60	ND	84	88	60-140	4.27	20
Dichlorvos (DDVP)	1	0.505	0.522	0.60	ND	84	87	60-140	3.37	20
Dimethoate	1	0.517	0.566	0.60	ND	86	94	60-140	9.04	20
Disulfoton (Di-Syston)	1	0.530	0.548	0.60	ND	88	91	60-140	3.50	20
EPN	1	0.523	0.578	0.60	ND	87	96	60-140	9.92	20
EPTC	1	0.487	0.501	0.60	ND	81	84	60-140	3.00	20
Ethion	1	0.556	0.586	0.60	ND	93	98	60-140	5.21	20
Ethoprop	1	0.573	0.578	0.60	ND	95	96	60-140	0.851	20
Ethyl parathion	1	0.505	0.509	0.60	ND	84	85	60-140	0.694	20
Fensulfothion	1	0.664	0.782	0.60	ND	111	130	60-140	16.3	20
Fenthion	1	0.538	0.581	0.60	ND	90	97	60-140	7.72	20
Fonofos	1	0.495	0.515	0.60	ND	82	86	60-140	3.90	20
Malathion	1	0.588	0.598	0.60	ND	98	100	60-140	1.56	20
Mevinphos (Phosdrin)	1	0.589	0.610	0.60	ND	98	102	60-140	3.51	20
Molinate	1	0.503	0.526	0.60	ND	84	88	60-140	4.28	20
Methyl parathion	1	0.538	0.592	0.60	ND	90	99	60-140	9.53	20
Phorate (Thimet)	1	0.538	0.551	0.60	ND	90	92	60-140	2.38	20
Prometon	1	0.522	0.600	0.60	ND	87	100	60-140	13.7	20
Ronnel	1	0.524	0.522	0.60	ND	87	87	60-140	0.368	20
Simazine	1	0.490	0.532	0.60	ND	82	89	60-140	8.26	20
Stirofos (Tetrachlorvinphos)	1	0.556	0.606	0.60	ND	93	101	60-140	8.52	20
Terbacil	1	0.547	0.597	0.60	ND	91	99	60-140	8.79	20
Terbufos (Terbuphos)	1	0.533	0.527	0.60	ND	89	88	60-140	1.12	20
Thiobencarb	1	0.517	0.544	0.60	ND	86	91	60-140	4.96	20
Tokuthion (Prothiofos)	1	0.568	0.584	0.60	ND	95	97	60-140	2.79	20
Trichloronate (Agritox)	1	0.520	0.545	0.60	ND	87	91	60-140	4.73	20
Surrogate Recovery										
Triphenyl phosphate	1	0.191	0.186	0.20		96	93	60-140	2.59	20



Quality Control Report

Client: Langan	WorkOrder: 2006696
Date Prepared: 06/16/2020	BatchID: 200134
Date Analyzed: 06/17/2020	Extraction Method: SW8151A
Instrument: GC15A	Analytical Method: SW8151A
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200134 2006696-001AMS/MSD

QC Summary Report for SW8151A

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acifluorfen	ND	0.0260	0.0500	-	-	-
Bentazon	ND	0.0110	0.0500	-	-	-
Chloramben	ND	0.0200	0.0500	-	-	-
2,4-D (Dichlorophenoxyacetic acid)	ND	0.0110	0.0500	-	-	-
2,4-DB	ND	0.0130	0.0500	-	-	-
Dalapon	ND	0.0150	0.100	-	-	-
DCPA (mono & diacid)	ND	0.0100	0.0500	-	-	-
Dicamba	ND	0.0110	0.0500	-	-	-
3,5-Dichlorobenzoic Acid	ND	0.00800	0.0500	-	-	-
Dichloroprop	ND	0.0110	0.0500	-	-	-
Dinoseb (DNBP)	ND	0.0130	0.0500	-	-	-
MCPA	ND	0.910	5.00	-	-	-
MCPP	ND	0.850	5.00	-	-	-
4-Nitrophenol	ND	0.0240	0.0500	-	-	-
Pentachlorophenol (PCP)	ND	0.0110	0.0500	-	-	-
Picloram	ND	0.00940	0.0500	-	-	-
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.00970	0.0500	-	-	-
2,4,5-TP (Silvex)	ND	0.00690	0.0500	-	-	-
Surrogate Recovery						
DCAA	0.0992			0.1	99	63-129



Quality Control Report

Client:	Langan	WorkOrder:	2006696
Date Prepared:	06/16/2020	BatchID:	200134
Date Analyzed:	06/17/2020	Extraction Method:	SW8151A
Instrument:	GC15A	Analytical Method:	SW8151A
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200134 2006696-001AMS/MSD

QC Summary Report for SW8151A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acifluorfen	0.0805	0.0862	0.10	81	86	60-140	6.77	30
Bentazon	0.0872	0.0885	0.10	87	88	60-140	1.47	30
Chloramben	0.0849	0.0862	0.10	85	86	60-140	1.50	30
2,4-D (Dichlorophenoxyacetic acid)	0.0921	0.0916	0.10	92	92	67-147	0.566	30
2,4-DB	0.0928	0.0963	0.10	93	96	61-152	3.72	30
Dalapon	0.101	0.0915	0.10	101	92	54-153	10.1	30
DCPA (mono & diacid)	0.0792	0.0801	0.10	79	80	60-140	1.03	30
Dicamba	0.0990	0.0979	0.10	99	98	60-146	1.17	30
3,5-Dichlorobenzoic Acid	0.0960	0.0948	0.10	96	95	60-140	1.29	30
Dichloroprop	0.0879	0.0874	0.10	88	87	60-140	0.533	30
Dinoseb (DNBP)	0.0879	0.0878	0.10	88	88	60-140	0.0377	30
MCPA	11.3	11.6	10	113	116	60-140	2.51	30
MCPP	8.27	8.29	10	83	83	60-140	0.244	30
4-Nitrophenol	0.0829	0.0818	0.10	83	82	60-140	1.40	30
Pentachlorophenol (PCP)	0.0962	0.0954	0.10	96	95	60-140	0.861	30
Picloram	0.0806	0.0843	0.10	81	84	60-140	4.48	30
2,4,5-T (Trichlorophenoxy acetic acid)	0.0866	0.0867	0.10	87	87	60-140	0.00842	30
2,4,5-TP (Silvex)	0.0927	0.0923	0.10	93	92	63-145	0.410	30

Surrogate Recovery

DCAA	0.107	0.109	0.10	107	109	63-129	1.37	30
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acifluorfen	1	0.0859	0.0903	0.10	ND	86	90	60-140	4.97	30
Bentazon	1	0.101	0.0992	0.10	ND	101	99	60-140	1.40	30
Chloramben	1	0.0562	0.0786	0.10	ND	56,F1	79	60-140	33.2,F1	30
2,4-D (Dichlorophenoxyacetic acid)	1	0.120	0.125	0.10	ND	120	125	68-142	4.10	30
2,4-DB	1	0.112	0.112	0.10	ND	112	112	60-140	0.567	30
Dalapon	1	0.0894	0.0964	0.10	ND	89	96	59-136	7.52	30
DCPA (mono & diacid)	1	0.0845	0.0872	0.10	ND	84	87	60-140	3.17	30
Dicamba	1	0.0971	0.104	0.10	ND	97	104	57-139	6.78	30
3,5-Dichlorobenzoic Acid	1	0.0981	0.112	0.10	ND	98	112	60-140	13.5	30
Dichloroprop	1	0.0981	0.114	0.10	ND	98	114	60-140	14.6	30
Dinoseb (DNBP)	1	0.0847	0.0906	0.10	ND	85	91	60-140	6.75	30
MCPA	1	10.8	9.15	10	ND	108	91	60-140	16.3	30
MCPP	1	7.68	8.37	10	ND	77	84	60-140	8.62	30

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Quality Control Report

Client:	Langan	WorkOrder:	2006696
Date Prepared:	06/16/2020	BatchID:	200134
Date Analyzed:	06/17/2020	Extraction Method:	SW8151A
Instrument:	GC15A	Analytical Method:	SW8151A
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200134 2006696-001AMS/MSD

QC Summary Report for SW8151A

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
4-Nitrophenol	1	0.0755	0.0650	0.10	ND	75	65	60-140	14.8	30
Pentachlorophenol (PCP)	1	0.0845	0.0918	0.10	ND	84	92	60-140	8.31	30
Picloram	1	0.0922	0.0971	0.10	ND	92	97	60-140	5.18	30
2,4,5-T (Trichlorophenoxy acetic acid)	1	0.0823	0.0864	0.10	ND	82	86	60-140	4.86	30
2,4,5-TP (Silvex)	1	0.0896	0.0964	0.10	ND	90	96	61-139	7.39	30
Surrogate Recovery										
DCAA	1	0.103	0.107	0.10		103	107	60-140	4.13	20



Quality Control Report

Client: Langan
Date Prepared: 06/12/2020
Date Analyzed: 06/16/2020 - 06/19/2020
Instrument: GC16, GC18
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200038
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200038

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.0670	0.100	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.000780	0.00500	-	-	-
Benzene	ND	0.000980	0.00500	-	-	-
Bromobenzene	ND	0.00120	0.00500	-	-	-
Bromochloromethane	ND	0.00110	0.00500	-	-	-
Bromodichloromethane	ND	0.000280	0.00100	-	-	-
Bromoform	ND	0.00170	0.00500	-	-	-
Bromomethane	ND	0.00180	0.00500	-	-	-
2-Butanone (MEK)	ND	0.0110	0.0200	-	-	-
t-Butyl alcohol (TBA)	ND	0.0320	0.0500	-	-	-
n-Butyl benzene	ND	0.00210	0.00500	-	-	-
sec-Butyl benzene	ND	0.00170	0.00500	-	-	-
tert-Butyl benzene	ND	0.00130	0.00500	-	-	-
Carbon Disulfide	ND	0.00300	0.00500	-	-	-
Carbon Tetrachloride	ND	0.000900	0.00500	-	-	-
Chlorobenzene	ND	0.000860	0.00500	-	-	-
Chloroethane	ND	0.00200	0.00500	-	-	-
Chloroform	ND	0.000110	0.00500	-	-	-
Chloromethane	ND	0.00260	0.00500	-	-	-
2-Chlorotoluene	ND	0.00160	0.00500	-	-	-
4-Chlorotoluene	ND	0.00120	0.00500	-	-	-
Dibromochloromethane	ND	0.000190	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	0.000544	0.000160	0.000250	-	-	-
1,2-Dibromoethane (EDB)	0.000134	0.0000340	0.000100	-	-	-
Dibromomethane	ND	0.000810	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00110	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.000850	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00130	0.00500	-	-	-
1,1-Dichloroethane	ND	0.000880	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0000430	0.000250	-	-	-
1,1-Dichloroethene	ND	0.0000280	0.000250	-	-	-
cis-1,2-Dichloroethene	ND	0.000840	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00110	0.00500	-	-	-
1,2-Dichloropropane	ND	0.000800	0.00500	-	-	-
1,3-Dichloropropane	ND	0.000700	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00190	0.00500	-	-	-
1,1-Dichloropropene	ND	0.000830	0.00500	-	-	-

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Quality Control Report

Client: Langan
Date Prepared: 06/12/2020
Date Analyzed: 06/16/2020 - 06/19/2020
Instrument: GC16, GC18
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200038
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200038

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00170	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.00200	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.00110	0.00500	-	-	-
Ethylbenzene	ND	0.000950	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.00110	0.00500	-	-	-
Freon 113	ND	0.00110	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00230	0.00500	-	-	-
Hexachloroethane	ND	0.00140	0.00500	-	-	-
2-Hexanone	ND	0.00310	0.00500	-	-	-
Isopropylbenzene	ND	0.00170	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00150	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00170	0.00500	-	-	-
Methylene chloride	ND	0.00800	0.0100	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00290	0.00500	-	-	-
Naphthalene	ND	0.00360	0.00500	-	-	-
n-Propyl benzene	ND	0.00160	0.00500	-	-	-
Styrene	ND	0.00270	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.000890	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	0.000249,J	0.0000870	0.000250	-	-	-
Tetrachloroethene	0.000317,J	0.000200	0.00100	-	-	-
Toluene	ND	0.00160	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00370	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00180	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.000840	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.000670	0.00500	-	-	-
Trichloroethene	ND	0.00160	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00140	0.00500	-	-	-
1,2,3-Trichloropropane	0.000127	0.0000420	0.000100	-	-	-
1,2,4-Trimethylbenzene	ND	0.00150	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00160	0.00500	-	-	-
Vinyl Chloride	ND	0.0000530	0.000250	-	-	-
m,p-Xylene	ND	0.00230	0.00500	-	-	-
o-Xylene	ND	0.000740	0.00500	-	-	-

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Quality Control Report

Client: Langan Date Prepared: 06/12/2020 Date Analyzed: 06/16/2020 - 06/19/2020 Instrument: GC16, GC18 Matrix: Soil Project: 750664801; 1666 Seventh Street	WorkOrder: 2006696 BatchID: 200038 Extraction Method: SW5030B Analytical Method: SW8260B Unit: mg/kg Sample ID: MB/LCS/LCSD-200038
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QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.110			0.125	88	87-127
Toluene-d8	0.121			0.125	97	93-141
4-BFB	0.0127			0.0125	102	84-137
Benzene-d6	0.103			0.1	103	67-131
Ethylbenzene-d10	0.104			0.1	104	78-153
1,2-DCB-d4	0.0806			0.1	81	63-109



Quality Control Report

Client: Langan
Date Prepared: 06/12/2020
Date Analyzed: 06/16/2020 - 06/19/2020
Instrument: GC16, GC18
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200038
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200038

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.159	0.160	0.20	79	80	48-156	0.930	30
tert-Amyl methyl ether (TAME)	0.0160	0.0158	0.020	80	79	56-115	1.34	30
Benzene	0.0198	0.0201	0.020	99	100	63-131	1.21	30
Bromobenzene	0.0180	0.0184	0.020	90	92	66-127	2.37	30
Bromochloromethane	0.0198	0.0202	0.020	99	101	64-124	2.00	30
Bromodichloromethane	0.0170	0.0172	0.020	85	86	64-120	1.01	30
Bromoform	0.0119	0.0119	0.020	59	60	48-92	0.177	30
Bromomethane	0.0191	0.0193	0.020	95	96	25-163	0.869	30
2-Butanone (MEK)	0.0660	0.0656	0.080	82	82	51-133	0.615	30
t-Butyl alcohol (TBA)	0.0545	0.0515	0.080	68	64	52-129	5.66	30
n-Butyl benzene	0.0249	0.0256	0.020	124	128	83-200	2.60	30
sec-Butyl benzene	0.0236	0.0247	0.020	118	124	81-199	4.66	30
tert-Butyl benzene	0.0242	0.0251	0.020	121	126	79-178	3.77	30
Carbon Disulfide	0.0189	0.0192	0.020	95	96	64-136	1.68	30
Carbon Tetrachloride	0.0169	0.0173	0.020	84	87	66-140	2.63	30
Chlorobenzene	0.0203	0.0209	0.020	102	104	73-116	2.80	30
Chloroethane	0.0177	0.0182	0.020	89	91	35-147	3.00	30
Chloroform	0.0181	0.0184	0.020	91	92	65-130	1.50	30
Chloromethane	0.0134	0.0136	0.020	67	68	30-137	1.48	30
2-Chlorotoluene	0.0214	0.0224	0.020	107	112	75-152	4.38	30
4-Chlorotoluene	0.0206	0.0211	0.020	103	106	71-148	2.28	30
Dibromochloromethane	0.0174	0.0178	0.020	87	89	61-106	2.25	30
1,2-Dibromo-3-chloropropane	0.00694	0.00662	0.010	69	66	36-120	4.74	30
1,2-Dibromoethane (EDB)	0.00908	0.00917	0.010	91	92	67-118	1.02	30
Dibromomethane	0.0176	0.0177	0.020	88	88	61-116	0.598	30
1,2-Dichlorobenzene	0.0180	0.0178	0.020	90	89	59-106	1.40	30
1,3-Dichlorobenzene	0.0209	0.0212	0.020	105	106	75-129	1.63	30
1,4-Dichlorobenzene	0.0195	0.0199	0.020	97	100	66-127	2.13	30
Dichlorodifluoromethane	0.00871	0.00886	0.020	44	44	13-74	1.75	30
1,1-Dichloroethane	0.0170	0.0174	0.020	85	87	65-134	2.62	30
1,2-Dichloroethane (1,2-DCA)	0.0148	0.0149	0.020	74	74	57-131	0.491	30
1,1-Dichloroethene	0.0198	0.0203	0.020	99	101	62-127	2.65	30
cis-1,2-Dichloroethene	0.0189	0.0198	0.020	95	99	66-130	4.61	30
trans-1,2-Dichloroethene	0.0191	0.0196	0.020	95	98	60-131	2.71	30
1,2-Dichloropropane	0.0174	0.0177	0.020	87	89	63-127	1.59	30
1,3-Dichloropropane	0.0185	0.0188	0.020	93	94	68-124	1.29	30
2,2-Dichloropropane	0.0160	0.0165	0.020	80	82	63-150	2.63	30
1,1-Dichloropropene	0.0180	0.0183	0.020	90	92	67-134	1.80	30

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Quality Control Report

Client: Langan
Date Prepared: 06/12/2020
Date Analyzed: 06/16/2020 - 06/19/2020
Instrument: GC16, GC18
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200038
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200038

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0190	0.0195	0.020	95	97	65-138	2.37	30
trans-1,3-Dichloropropene	0.0170	0.0171	0.020	85	86	66-124	1.11	30
Diisopropyl ether (DIPE)	0.0154	0.0156	0.020	77	78	58-129	1.35	30
Ethylbenzene	0.0204	0.0209	0.020	102	105	73-145	2.46	30
Ethyl tert-butyl ether (ETBE)	0.0157	0.0156	0.020	78	78	62-125	0.386	30
Freon 113	0.0163	0.0166	0.020	81	83	55-116	2.06	30
Hexachlorobutadiene	0.0254	0.0262	0.020	127	131	75-178	3.24	30
Hexachloroethane	0.0236	0.0239	0.020	118	120	75-152	1.38	30
2-Hexanone	0.0121	0.0115	0.020	61	58	41-113	4.85	30
Isopropylbenzene	0.0259	0.0268	0.020	130	134	67-172	3.22	30
4-Isopropyl toluene	0.0238	0.0250	0.020	119	125	88-171	5.02	30
Methyl-t-butyl ether (MTBE)	0.0161	0.0158	0.020	80	79	58-122	1.70	30
Methylene chloride	0.0198	0.0203	0.020	99	101	57-140	2.08	30
4-Methyl-2-pentanone (MIBK)	0.0122	0.0122	0.020	61	61	42-117	0.266	30
Naphthalene	0.0114	0.0104	0.020	57	52	29-65	8.90	30
n-Propyl benzene	0.0241	0.0251	0.020	120	125	85-174	4.10	30
Styrene	0.0192	0.0198	0.020	96	99	63-126	3.32	30
1,1,1,2-Tetrachloroethane	0.0189	0.0197	0.020	94	99	68-131	4.37	30
1,1,2,2-Tetrachloroethane	0.0174	0.0170	0.020	87	85	45-121	2.46	30
Tetrachloroethene	0.0216	0.0224	0.020	108	112	65-150	3.61	30
Toluene	0.0205	0.0212	0.020	103	106	72-135	3.04	30
1,2,3-Trichlorobenzene	0.0129	0.0118	0.020	65	59	35-80	9.26	30
1,2,4-Trichlorobenzene	0.0152	0.0151	0.020	76	75	45-103	0.542	30
1,1,1-Trichloroethane	0.0170	0.0175	0.020	85	87	67-137	2.94	30
1,1,2-Trichloroethane	0.0190	0.0197	0.020	95	98	67-117	3.79	30
Trichloroethene	0.0187	0.0191	0.020	93	96	62-135	2.23	30
Trichlorofluoromethane	0.0152	0.0154	0.020	76	77	56-124	1.64	30
1,2,3-Trichloropropane	0.00894	0.00892	0.010	89	89	58-133	0.167	30
1,2,4-Trimethylbenzene	0.0229	0.0234	0.020	114	117	78-161	2.22	30
1,3,5-Trimethylbenzene	0.0240	0.0247	0.020	120	124	85-170	2.89	30
Vinyl Chloride	0.00882	0.00900	0.010	88	90	32-142	2.09	30
m,p-Xylene	0.0415	0.0431	0.040	104	108	70-138	3.74	30
o-Xylene	0.0180	0.0185	0.020	90	92	69-135	2.61	30

(Cont.)



Quality Control Report

Client:	Langan	WorkOrder:	2006696
Date Prepared:	06/12/2020	BatchID:	200038
Date Analyzed:	06/16/2020 - 06/19/2020	Extraction Method:	SW5030B
Instrument:	GC16, GC18	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200038

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.113	0.113	0.12	91	90	87-127	0.471	30
Toluene-d8	0.120	0.121	0.12	96	97	93-141	1.29	30
4-BFB	0.0123	0.0123	0.012	98	98	84-137	0.0940	30
Benzene-d6	0.0950	0.0964	0.10	95	96	67-131	1.51	30
Ethylbenzene-d10	0.0975	0.102	0.10	98	102	78-153	4.37	30
1,2-DCB-d4	0.0802	0.0818	0.10	80	82	63-109	1.97	30



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232
 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00150	0.00250	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.00350	0.0130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.0130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232
 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

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Quality Control Report

Client: Langan	WorkOrder: 2006696
Date Prepared: 06/17/2020	BatchID: 200232
Date Analyzed: 06/17/2020 - 06/18/2020	Extraction Method: SW3550B/3640A
Instrument: GC21	Analytical Method: SW8270C
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200232 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	1.32			1.25	105	60-130
Phenol-d5	1.26			1.25	101	60-130
Nitrobenzene-d5	1.09			1.25	87	60-130
2-Fluorobiphenyl	1.05			1.25	84	60-130
2,4,6-Tribromophenol	0.992			1.25	79	50-130
4-Terphenyl-d14	0.925			1.25	74	50-130



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232
 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.0960	0.0922	0.12	77	74	60-130	4.02	30
Acenaphthylene	0.0998	0.0944	0.12	80	76	60-130	5.52	30
Anthracene	0.102	0.0965	0.12	81	77	60-130	5.08	30
Benzidine	4.66	4.33	12.5	37	35	30-130	7.45	30
Benzo (a) anthracene	0.108	0.0989	0.12	86	79	60-130	8.63	30
Benzo (a) pyrene	0.116	0.107	0.12	93	86	60-130	7.82	30
Benzo (b) fluoranthene	0.114	0.106	0.12	91	85	40-130	6.61	30
Benzo (g,h,i) perylene	0.108	0.0987	0.12	87	79	60-130	9.20	30
Benzo (k) fluoranthene	0.117	0.107	0.12	94	85	60-130	9.14	30
Benzyl Alcohol	10.4	9.45	12.5	83	76	60-130	9.59	30
Bis (2-chloroethoxy) Methane	1.84	1.72	2.5	74	69	60-130	7.15	30
Bis (2-chloroethyl) Ether	0.109	0.0967	0.12	87	77	60-130	12.2	30
Bis (2-chloroisopropyl) Ether	0.0953	0.0852	0.12	76	68	60-130	11.2	30
Bis (2-ethylhexyl) Adipate	2.15	2.03	2.5	86	81	40-130	5.79	30
Bis (2-ethylhexyl) Phthalate	0.118	0.109	0.12	94	88	60-130	7.18	30
4-Bromophenyl Phenyl Ether	1.86	1.65	2.5	74	66	60-130	11.7	30
Butylbenzyl Phthalate	0.121	0.115	0.12	97	92	60-130	5.10	30
4-Chloroaniline	0.0812	0.0761	0.12	65	61	40-130	6.45	30
4-Chloro-3-methylphenol	2.32	2.12	2.5	93	85	60-130	9.27	30
2-Chloronaphthalene	1.87	1.81	2.5	75	72	60-130	3.31	30
2-Chlorophenol	0.121	0.110	0.12	97	88	60-130	9.71	30
4-Chlorophenyl Phenyl Ether	1.80	1.72	2.5	72	69	60-130	4.65	30
Chrysene	0.104	0.0951	0.12	84	76	60-130	9.42	30
Dibenzo (a,h) anthracene	0.106	0.0983	0.12	85	79	60-130	7.59	30
Dibenzofuran	1.89	1.80	2.5	76	72	60-130	5.03	30
Di-n-butyl Phthalate	0.114	0.108	0.12	91	87	60-130	5.40	30
1,2-Dichlorobenzene	2.00	1.80	2.5	80	72	60-130	10.5	30
1,3-Dichlorobenzene	1.98	1.75	2.5	79	70	60-130	12.6	30
1,4-Dichlorobenzene	1.81	1.65	2.5	73	66	60-130	9.19	30
3,3-Dichlorobenzidine	0.0775	0.0717	0.12	62	57	40-130	7.75	30
2,4-Dichlorophenol	0.109	0.101	0.12	87	81	60-130	7.16	30
Diethyl Phthalate	0.102	0.0969	0.12	82	78	60-130	5.14	30
2,4-Dimethylphenol	2.34	2.15	2.5	93	86	60-130	8.44	30
Dimethyl Phthalate	0.0991	0.0942	0.12	79	75	60-130	5.01	30
4,6-Dinitro-2-methylphenol	9.12	8.54	12.5	73	68	30-130	6.49	30
2,4-Dinitrophenol	1.83	1.76	2.5	73	71	15-130	3.62	30
2,4-Dinitrotoluene	0.106	0.102	0.12	85	81	60-130	4.12	30
2,6-Dinitrotoluene	0.102	0.0982	0.12	81	79	60-130	3.52	30

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232
 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Di-n-octyl Phthalate	0.128	0.122	0.12	103	97	60-130	5.23	30
1,2-Diphenylhydrazine	1.93	1.77	2.5	77	71	60-130	8.58	30
Fluoranthene	0.105	0.0991	0.12	84	79	60-130	5.99	30
Fluorene	0.101	0.0959	0.12	81	77	60-130	5.31	30
Hexachlorobenzene	0.0862	0.0807	0.12	69	65	60-130	6.63	30
Hexachlorobutadiene	0.0972	0.0893	0.12	78	71	60-130	8.52	30
Hexachlorocyclopentadiene	8.78	8.31	12.5	70	66	40-130	5.54	30
Hexachloroethane	0.116	0.103	0.12	93	82	60-130	12.5	30
Indeno (1,2,3-cd) pyrene	0.105	0.0950	0.12	84	76	60-130	10.1	30
Isophorone	2.16	1.96	2.5	86	79	60-130	9.27	30
2-Methylnaphthalene	0.107	0.0971	0.12	86	78	60-130	9.76	30
2-Methylphenol (o-Cresol)	2.03	1.85	2.5	81	74	60-130	9.13	30
3 & 4-Methylphenol (m,p-Cresol)	2.18	1.94	2.5	87	78	60-130	11.4	30
Naphthalene	0.100	0.0920	0.12	80	74	60-130	8.62	30
2-Nitroaniline	10.2	9.66	12.5	82	77	60-130	5.62	30
3-Nitroaniline	8.54	8.30	12.5	68	66	30-130	2.78	30
4-Nitroaniline	8.38	8.04	12.5	67	64	60-130	4.22	30
Nitrobenzene	1.98	1.84	2.5	79	74	60-130	7.17	30
2-Nitrophenol	11.0	10.1	12.5	88	81	60-130	8.76	30
4-Nitrophenol	10.7	10.3	12.5	86	82	60-130	4.07	30
N-Nitrosodiphenylamine	1.83	1.73	2.5	73	69	60-130	5.50	30
N-Nitrosodi-n-propylamine	2.00	1.77	2.5	80	71	60-130	12.1	30
Pentachlorophenol	0.448	0.421	0.62	72	67	40-130	6.08	30
Phenanthrene	0.0933	0.0882	0.12	75	71	60-130	5.61	30
Phenol	0.447	0.399	0.50	89	80	60-130	11.4	30
Pyrene	0.108	0.102	0.12	86	82	60-130	5.13	30
Pyridine	1.75	1.50	2.5	70	60	30-130	15.1	30
1,2,4-Trichlorobenzene	1.82	1.70	2.5	73	68	60-130	6.89	30
2,4,5-Trichlorophenol	0.108	0.104	0.12	87	83	60-130	4.01	30
2,4,6-Trichlorophenol	0.104	0.100	0.12	83	80	60-130	3.56	30

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232
 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.21	1.15	1.25	96	92	60-130	4.81	30
Phenol-d5	1.18	1.11	1.25	94	89	60-130	5.91	30
Nitrobenzene-d5	1.04	1.07	1.25	83	86	60-130	2.85	30
2-Fluorobiphenyl	0.988	1.01	1.25	79	81	60-130	1.98	30
2,4,6-Tribromophenol	0.977	0.984	1.25	78	79	50-130	0.704	30
4-Terphenyl-d14	0.946	0.982	1.25	76	79	50-130	3.65	30

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acenaphthene	1	0.0969	0.0968	0.12	ND	78	77	60-130	0.151	30
Acenaphthylene	1	0.102	0.103	0.12	ND	82	82	60-130	0.791	30
Anthracene	1	0.110	0.108	0.12	ND	88	86	60-130	1.52	30
Benzidine	1	3.16	3.33	12.5	ND	25,F1	27,F1	30-130	5.04	30
Benzo (a) anthracene	1	0.112	0.110	0.12	ND	90	88	60-130	1.58	30
Benzo (a) pyrene	1	0.133	0.132	0.12	ND	107	106	60-130	0.534	30
Benzo (b) fluoranthene	1	0.124	0.126	0.62	ND	20,F1	20,F1	40-130	1.07	30
Benzo (g,h,i) perylene	1	0.120	0.119	0.12	ND	96	95	60-130	0.993	30
Benzo (k) fluoranthene	1	0.118	0.118	0.12	ND	95	95	60-130	0.179	30
Benzyl Alcohol	1	10.4	10.6	12.5	ND	83	85	60-130	1.50	30
Bis (2-chloroethoxy) Methane	1	1.89	1.90	2.5	ND	76	76	60-130	0.182	30
Bis (2-chloroethyl) Ether	1	0.109	0.113	0.12	ND	88	90	60-130	2.90	30
Bis (2-chloroisopropyl) Ether	1	0.0966	0.0985	0.12	ND	77	79	60-130	1.98	30
Bis (2-ethylhexyl) Adipate	1	2.22	2.14	2.5	ND	89	86	40-130	3.71	30
Bis (2-ethylhexyl) Phthalate	1	0.140	0.135	0.12	ND	112	108	60-130	3.65	30
4-Bromophenyl Phenyl Ether	1	1.98	1.90	2.5	ND	79	76	60-130	4.15	30
Butylbenzyl Phthalate	1	0.127	0.122	0.12	ND	102	98	60-130	4.01	30
4-Chloroaniline	1	0.108	0.110	0.12	ND	87	88	40-130	1.16	30
4-Chloro-3-methylphenol	1	2.34	2.36	2.5	ND	94	95	60-130	0.892	30
2-Chloronaphthalene	1	1.94	1.98	2.5	ND	78	79	60-130	1.90	30
2-Chlorophenol	1	0.126	0.128	0.12	ND	101	103	60-130	1.69	30
4-Chlorophenyl Phenyl Ether	1	1.80	1.85	2.5	ND	72	74	60-130	2.64	30
Chrysene	1	0.105	0.102	0.12	ND	84	82	60-130	2.13	30
Dibenzo (a,h) anthracene	1	0.118	0.118	0.12	ND	94	94	60-130	0.211	30
Dibenzofuran	1	1.90	1.92	2.5	ND	76	77	60-130	0.935	30
Di-n-butyl Phthalate	1	0.126	0.124	0.12	ND	101	99	60-130	2.05	30

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232
 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,2-Dichlorobenzene	1	2.03	2.08	2.5	ND	81	83	60-130	2.41	30
1,3-Dichlorobenzene	1	2.01	2.10	2.5	ND	81	84	60-130	4.34	30
1,4-Dichlorobenzene	1	1.87	1.94	2.5	ND	75	77	60-130	3.45	30
3,3-Dichlorobenzidine	1	0.116	0.114	0.12	ND	93	91	40-130	1.49	30
2,4-Dichlorophenol	1	0.113	0.112	2.5	ND	5,F1	4,F1	60-130	0.364	30
Diethyl Phthalate	1	0.100	0.101	0.12	ND	80	80	60-130	0.455	30
2,4-Dimethylphenol	1	2.40	2.31	2.5	ND	96	92	60-130	3.96	30
Dimethyl Phthalate	1	0.0980	0.0980	0.12	ND	78	78	60-130	0.0134	30
4,6-Dinitro-2-methylphenol	1	7.61	7.88	12.5	ND	61	63	30-130	3.55	30
2,4-Dinitrophenol	1	0.511	0.574	2.5	ND	20	23	15-130	11.5	30
2,4-Dinitrotoluene	1	0.103	0.104	0.12	ND	83	83	60-130	0.684	30
2,6-Dinitrotoluene	1	0.103	0.106	0.12	ND	82	85	60-130	2.86	30
Di-n-octyl Phthalate	1	0.161	0.158	0.12	ND	129	126	60-130	2.07	30
1,2-Diphenylhydrazine	1	2.00	1.98	2.5	ND	80	79	60-130	0.733	30
Fluoranthene	1	0.114	0.113	0.12	ND	91	90	60-130	0.921	30
Fluorene	1	0.100	0.0999	0.12	ND	80	80	60-130	0.373	30
Hexachlorobenzene	1	0.0955	0.0944	0.12	ND	76	76	60-130	1.20	30
Hexachlorobutadiene	1	0.103	0.104	0.12	ND	82	84	60-130	1.49	30
Hexachlorocyclopentadiene	1	8.70	8.99	12.5	ND	70	72	40-130	3.25	30
Hexachloroethane	1	0.118	0.119	0.12	ND	94	95	60-130	0.807	30
Indeno (1,2,3-cd) pyrene	1	0.116	0.116	0.12	ND	93	93	60-130	0.216	30
Isophorone	1	2.19	2.18	2.5	ND	87	87	60-130	0.260	30
2-Methylnaphthalene	1	0.108	0.108	0.12	ND	86	87	60-130	0.439	30
2-Methylphenol (o-Cresol)	1	2.03	2.05	2.5	ND	81	82	60-130	0.976	30
3 & 4-Methylphenol (m,p-Cresol)	1	2.19	2.19	2.5	ND	87	88	60-130	0.330	30
Naphthalene	1	0.102	0.102	0.12	ND	82	82	60-130	0.263	30
2-Nitroaniline	1	9.99	10.2	12.5	ND	80	82	60-130	1.95	30
3-Nitroaniline	1	9.97	10.0	12.5	ND	80	80	30-130	0.561	30
4-Nitroaniline	1	9.12	9.24	12.5	ND	73	74	60-130	1.33	30
Nitrobenzene	1	2.04	2.04	2.5	ND	82	82	60-130	0.0184	30
2-Nitrophenol	1	11.2	11.5	12.5	ND	90	92	60-130	2.42	30
4-Nitrophenol	1	10.8	10.8	12.5	ND	86	86	60-130	0.325	30
N-Nitrosodiphenylamine	1	1.99	1.94	2.5	ND	80	78	60-130	2.20	30
N-Nitrosodi-n-propylamine	1	2.02	1.95	2.5	ND	81	78	60-130	3.17	30
Pentachlorophenol	1	0.426	0.417	0.62	ND	68	67	40-130	2.08	30
Phenanthrene	1	0.0981	0.0971	0.12	ND	78	78	60-130	1.04	30
Phenol	1	0.449	0.455	0.50	ND	90	91	60-130	1.34	30
Pyrene	1	0.107	0.105	0.12	ND	86	84	60-130	1.66	30

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232
 2006696-001AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Pyridine	1	1.63	1.51	2.5	ND	65	60	30-130	7.36	30
1,2,4-Trichlorobenzene	1	1.96	1.99	2.5	ND	78	80	60-130	1.89	30
2,4,5-Trichlorophenol	1	0.114	0.117	0.12	ND	91	94	60-130	2.38	30
2,4,6-Trichlorophenol	1	0.114	0.114	0.12	ND	91	91	60-130	0.000637	30
Surrogate Recovery										
2-Fluorophenol	1	1.21	1.25	1.25		97	100	60-130	3.29	30
Phenol-d5	1	1.16	1.18	1.25		93	94	60-130	1.10	30
Nitrobenzene-d5	1	1.09	1.12	1.25		87	89	60-130	2.09	30
2-Fluorobiphenyl	1	0.997	0.994	1.25		80	80	60-130	0.339	30
2,4,6-Tribromophenol	1	1.06	1.05	1.25		85	84	50-130	1.19	30
4-Terphenyl-d14	1	0.994	0.951	1.25		80	76	50-130	4.44	30



Quality Control Report

Client:	Langan	WorkOrder:	2006696
Date Prepared:	06/15/2020	BatchID:	200036
Date Analyzed:	06/15/2020 - 06/16/2020	Extraction Method:	SW3050B
Instrument:	ICP-MS4, ICP-MS5	Analytical Method:	SW6020
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200036

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.150	0.500	-	-	-
Barium	ND	0.570	5.00	-	-	-
Beryllium	ND	0.0730	0.500	-	-	-
Cadmium	ND	0.0610	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0520	0.500	-	-	-
Copper	ND	0.180	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Mercury	ND	0.0320	0.0500	-	-	-
Molybdenum	ND	0.160	0.500	-	-	-
Nickel	ND	0.170	0.500	-	-	-
Selenium	ND	0.150	0.500	-	-	-
Silver	ND	0.120	0.500	-	-	-
Thallium	ND	0.0670	0.500	-	-	-
Vanadium	ND	0.130	0.500	-	-	-
Zinc	ND	3.00	5.00	-	-	-
Surrogate Recovery						
Terbium	504			500	101	70-130



Quality Control Report

Client: Langan
Date Prepared: 06/15/2020
Date Analyzed: 06/15/2020 - 06/16/2020
Instrument: ICP-MS4, ICP-MS5
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006696
BatchID: 200036
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200036

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	47.4	48.3	50	95	97	75-125	1.76	20
Arsenic	46.6	47.9	50	93	96	75-125	2.77	20
Barium	469	470	500	94	94	75-125	0.334	20
Beryllium	44.9	46.3	50	90	93	75-125	3.00	20
Cadmium	47.1	47.4	50	94	95	75-125	0.635	20
Chromium	46.8	47.3	50	94	95	75-125	0.901	20
Cobalt	48.1	50.8	50	96	102	75-125	5.49	20
Copper	47.2	48.1	50	94	96	75-125	1.95	20
Lead	46.0	47.1	50	92	94	75-125	2.45	20
Mercury	1.20	1.23	1.25	96	99	75-125	2.54	20
Molybdenum	48.6	49.0	50	97	98	75-125	0.865	20
Nickel	47.8	49.6	50	96	99	75-125	3.63	20
Selenium	47.4	45.8	50	95	92	75-125	3.27	20
Silver	44.4	45.7	50	89	91	75-125	2.88	20
Thallium	47.0	47.7	50	94	95	75-125	1.52	20
Vanadium	46.9	47.1	50	94	94	75-125	0.364	20
Zinc	476	482	500	95	96	75-125	1.14	20
Surrogate Recovery								
Terbium	507	514	500	101	103	70-130	1.48	20



Quality Control Report

Client: Langan	WorkOrder: 2006696
Date Prepared: 06/15/2020	BatchID: 200040
Date Analyzed: 06/16/2020	Extraction Method: SW3050B
Instrument: ICP-MS5	Analytical Method: SW6020
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200040 2006696-002AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.150	0.500	-	-	-
Barium	ND	0.570	5.00	-	-	-
Beryllium	ND	0.0730	0.500	-	-	-
Cadmium	0.0690,J	0.0610	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0520	0.500	-	-	-
Copper	ND	0.180	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Mercury	ND	0.0320	0.0500	-	-	-
Molybdenum	ND	0.160	0.500	-	-	-
Nickel	ND	0.170	0.500	-	-	-
Selenium	ND	0.150	0.500	-	-	-
Silver	ND	0.120	0.500	-	-	-
Thallium	ND	0.0670	0.500	-	-	-
Vanadium	ND	0.130	0.500	-	-	-
Zinc	ND	3.00	5.00	-	-	-
Surrogate Recovery						
Terbium	517			500	103	70-130



Quality Control Report

Client:	Langan	WorkOrder:	2006696
Date Prepared:	06/15/2020	BatchID:	200040
Date Analyzed:	06/16/2020	Extraction Method:	SW3050B
Instrument:	ICP-MS5	Analytical Method:	SW6020
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200040 2006696-002AMS/MSD

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	52.4	51.2	50	105	102	75-125	2.39	20
Arsenic	49.1	48.7	50	98	97	75-125	0.793	20
Barium	481	475	500	96	95	75-125	1.24	20
Beryllium	49.0	48.2	50	98	96	75-125	1.64	20
Cadmium	47.9	48.4	50	96	97	75-125	0.945	20
Chromium	48.0	48.0	50	96	96	75-125	0.115	20
Cobalt	49.0	48.2	50	98	96	75-125	1.55	20
Copper	48.8	48.7	50	98	97	75-125	0.0308	20
Lead	48.5	48.3	50	97	97	75-125	0.504	20
Mercury	1.18	1.24	1.25	94	99	75-125	4.63	20
Molybdenum	51.6	50.6	50	103	101	75-125	1.98	20
Nickel	48.9	48.6	50	98	97	75-125	0.644	20
Selenium	48.5	48.2	50	97	96	75-125	0.733	20
Silver	48.9	48.0	50	98	96	75-125	1.84	20
Thallium	48.9	48.2	50	98	96	75-125	1.48	20
Vanadium	48.1	48.2	50	96	96	75-125	0.264	20
Zinc	489	488	500	98	98	75-125	0.103	20

Surrogate Recovery

Terbium	524	512	500	105	102	70-130	2.44	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	52.2	52.9	50	ND	104	106	75-125	1.24	20
Arsenic	1	51.7	52.2	50	1.780	100	101	75-125	0.809	20
Barium	1	550	561	500	61.72	98	100	75-125	2.11	20
Beryllium	1	49.1	49.6	50	ND	98	99	75-125	0.967	20
Cadmium	1	48.6	49.4	50	ND	97	99	75-125	1.68	20
Chromium	1	81.2	82.2	50	31.42	100	102	75-125	1.22	20
Cobalt	1	52.9	53.7	50	3.368	99	101	75-125	1.50	20
Copper	1	56.0	56.2	50	5.809	100	101	75-125	0.384	20
Lead	1	52.8	53.1	50	2.200	101	102	75-125	0.676	20
Mercury	1	1.23	1.21	1.25	ND	98	97	75-125	0.984	20
Molybdenum	1	51.7	51.8	50	ND	103	104	75-125	0.164	20
Nickel	1	71.5	71.4	50	19.30	104	104	75-125	0.255	20
Selenium	1	49.6	49.8	50	ND	99	100	75-125	0.423	20
Silver	1	50.0	50.6	50	ND	100	101	75-125	1.21	20

(Cont.)



Quality Control Report

Client: Langan	WorkOrder: 2006696
Date Prepared: 06/15/2020	BatchID: 200040
Date Analyzed: 06/16/2020	Extraction Method: SW3050B
Instrument: ICP-MS5	Analytical Method: SW6020
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200040 2006696-002AMS/MSD

QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	50.5	50.8	50	ND	101	102	75-125	0.523	20
Vanadium	1	77.2	77.4	50	23.77	107	107	75-125	0.177	20
Zinc	1	518	522	500	27.39	98	99	75-125	0.868	20
Surrogate Recovery										
Terbium	1	527	534	500		105	107	70-130	1.24	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.50	ND	-	-
Arsenic	ND<2.50	1.780	-	-
Barium	62.5	61.72	1.26	-
Beryllium	ND<2.50	ND	-	-
Cadmium	ND<2.50	ND	-	-
Chromium	33.0	31.42	5.03	20
Cobalt	3.50	3.368	3.92	-
Copper	5.95	5.809	2.43	-
Lead	ND<2.50	2.200	-	-
Mercury	ND<0.250	ND	-	-
Molybdenum	ND<2.50	ND	-	-
Nickel	19.5	19.30	1.04	20
Selenium	ND<2.50	ND	-	-
Silver	ND<2.50	ND	-	-
Thallium	ND<2.50	ND	-	-
Vanadium	25.2	23.77	6.02	20
Zinc	26.2	27.39	4.34	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client:	Langan	WorkOrder:	2006696
Date Prepared:	06/12/2020	BatchID:	200011
Date Analyzed:	06/12/2020 - 06/16/2020	Extraction Method:	SW5035
Instrument:	GC19	Analytical Method:	SW8021B/8015Bm
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200011

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-

Surrogate Recovery

2-Fluorotoluene	0.0964			0.1	96	75-134
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.579	0.582	0.60	97	97	82-118	0.500	20
MTBE	0.0783	0.0816	0.10	78	82	61-119	4.14	20
Benzene	0.0995	0.100	0.10	99	100	77-128	0.534	20
Toluene	0.101	0.101	0.10	101	101	74-132	0.0348	20
Ethylbenzene	0.103	0.102	0.10	103	102	84-127	0.837	20
m,p-Xylene	0.214	0.212	0.20	107	106	80-120	0.906	20
o-Xylene	0.104	0.104	0.10	104	104	80-120	0.506	20

Surrogate Recovery

2-Fluorotoluene	0.0970	0.0960	0.10	97	96	75-134	0.997	20
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Quality Control Report

Client: Langan	WorkOrder: 2006696
Date Prepared: 06/12/2020	BatchID: 200031
Date Analyzed: 06/15/2020 - 06/16/2020	Extraction Method: SW3550B
Instrument: GC31A, GC6A	Analytical Method: SW8015B
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200031

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.830	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.80	5.00	-	-	-
Surrogate Recovery						
C9	22.1			25	88	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	41.6	41.4	40	104	104	70-130	0.285	20
Surrogate Recovery								
C9	22.0	22.2	25	88	89	70-130	1.06	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006696

ClientCode: TWRK

- WaterTrax
 WriteOn
 EDF
 Excel
 EQulS
 Email
 HardCopy
 ThirdParty
 J-flag
 Detection Summary
 Dry-Weight

Report to:

Adam Brown
Langan
501 14th Street, 3rd Floor
Oakland, CA 94612
(415) 955-9040 FAX: (415) 955-9041

Email: abrown@langan.com
cc/3rd Party: bhayward@langan.com; Mfromstein@lang
PO:
Project: 750664801; 1666 Seventh Street

Bill to:

Accounts Payable
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
Langan_InvoiceCapture@concur.solutio

Requested TAT: 5 days;

Date Received: 06/12/2020

Date Logged: 06/12/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2006696-001	EB-6-1.5	Soil	6/10/2020 10:29	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006696-002	EB-6-3.0	Soil	6/10/2020 10:33	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006696-003	EB-6-5.0	Soil	6/10/2020 10:36	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006696-004	EB-1-1.5	Soil	6/10/2020 13:45	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006696-005	EB-1-3.0	Soil	6/10/2020 13:47	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006696-006	EB-1-5.0	Soil	6/10/2020 13:53	<input checked="" type="checkbox"/>											A	A	

Test Legend:

1	8081pcB_ESL_LL_S	2	8141_S	3	8151_S	4	8260B_Scan-SIM_S
5	8270_SCSM_GPC_S	6	ASBEST400 (435 CARB)_S	7	CAM17MS_TTLC_S	8	G-MBTX_S
9	PRDisposal Fee	10	PRHOLD	11	TPH(DMO)_S	12	

Project Manager: Angela Rydelius

Prepared by: Agustina Venegas

The following SamplIDs: 001A, 002A, 003A, 004A, 005A contain testgroup Multi Range_S.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 Seventh Street

Work Order: 2006696
QC Level: LEVEL 2
Date Logged: 6/12/2020

Comments:

WaterTrax WriteOn EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut	
2006696-001A	EB-6-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/10/2020 10:29	5 days		<input type="checkbox"/>		
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>		SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
2006696-002A	EB-6-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/10/2020 10:33	5 days		<input type="checkbox"/>		
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>		SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>		

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 Seventh Street

Comments:

Work Order: 2006696
QC Level: LEVEL 2
Date Logged: 6/12/2020

WaterTrax WriteOn EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006696-002A	EB-6-3.0	Soil	SW8081A/8082 (OC Pesticides+PCBs) ESLs	1	Acetate Liner	<input type="checkbox"/>	6/10/2020 10:33	5 days		<input type="checkbox"/>	
2006696-003A	EB-6-5.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/10/2020 10:36	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
2006696-004A	EB-1-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/10/2020 13:45	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 Seventh Street

Work Order: 2006696
QC Level: LEVEL 2
Date Logged: 6/12/2020

Comments:

WaterTrax WriteOn EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006696-004A	EB-1-1.5	Soil	SW8270C (ON/P Pesticides)	1	Acetate Liner	<input type="checkbox"/>	6/10/2020 13:45	5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
2006696-005A	EB-1-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/10/2020 13:47	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

* cc: ~~me~~ bhayward@langan.com
 mfromstein@langan.com*

2006694
 14528

LANGAN

CHAIN OF CUSTODY RECORD

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 Seventh Street
 Job Number: 750664801
 Project Manager/Contact: Adam Brown, abrown@langan.com
 Samplers: ~~MF~~ BWH + MF
 Recorder (Signature Required): _____

Turnaround
Time
standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested										Silica gel clean-up	Hold	Remarks				
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	Full TPH (9, d, mo)	VOCs	SVOCs	OCPS + PCBs	Pesticides + Herbicides	CAM17 (6026)	CARB 435 as best as										
EB-6-1.5	6/10/2020	1029		X										X	X	X	X	X	X	X	X							NOTE:
EB-6-3.0	↓	1033		X										X	X	X	X	X	X	X	X							Pesticides + herbicides is
EB-6-5.0	↓	1036		X										X	X	X	X	X	X	X	X							EPA Methods 8141A/8151A
EB-1-1.5	↓	1345		X										X	X	X	X	X	X	X	X							
EB-1-3.0	↓	1347		X										X	X	X	X	X	X	X	X							
EB-1-5.0	↓	1353		X																		X						
Relinquished by: (Signature) <u>BWH</u>				Date: <u>6/11/2020</u>				Time: <u>7:07</u>				Received by: (Signature) <u>LAP</u>				Date: <u>6/11/20</u>				Time: <u>1050</u>								
Relinquished by: (Signature) <u>LAP</u>				Date: <u>6/12/20</u>				Time: <u>1330</u>				Received by: (Signature) <u>[Signature]</u>				Date: <u>6/12/2020</u>				Time: <u>1330</u>								
Relinquished by: (Signature) _____				Date: _____				Time: _____				Received by Lab: (Signature) _____				Date: _____				Time: _____								
Sent to Laboratory (Name): _____												Method of Shipment																
Laboratory Comments/Notes: _____												<input type="checkbox"/> Lab courier <input type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> Hand Carried <input type="checkbox"/> Private Courier (Co. Name) _____																

*ESLs Added 6/12/2020



Sample Receipt Checklist

Client Name: **Langan**
 Project: **750664801; 1666 Seventh Street**
 WorkOrder No: **2006696** Matrix: Soil
 Carrier: Lorenzo Perez (MAI Courier)

Date and Time Received: **6/12/2020 13:30**
 Date Logged: **6/12/2020**
 Received by: Agustina Venegas
 Logged by: Agustina Venegas

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 2.7°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

 Comments:

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013092
Date Received: 06/17/20
Date Analyzed: 06/23/20
Date Printed: 06/23/20

Job ID/Site: 2006696 - 1666 Seventh St.

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 5
Total Samples Analyzed: 5

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

EB-6-1.5	12314441	Brown Soil
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Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-6-3.0	12314442	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-6-5.0	12314443	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-1-1.5	12314444	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McCampbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013092
Date Received: 06/17/20
Date Analyzed: 06/23/20
Date Printed: 06/23/20

Job ID/Site: 2006696 - 1666 Seventh St.

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 5
Total Samples Analyzed: 5

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
EB-1-3.0	12314445	Brown Soil

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2006697

Report Created for: Langan

501 14th Street, 3rd Floor
Oakland, CA 94612

Project Contact: Adam Brown

Project P.O.:

Project: 750664801; 1666 Seventh Street

Project Received: 06/12/2020

Analytical Report reviewed & approved for release on 06/23/2020 by:

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 Seventh Street
WorkOrder: 2006697

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 Seventh Street
WorkOrder: 2006697

Analytical Qualifiers

B	Analyte detected in the associated Method Blank and in the sample.
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
P	Agreement between quantitative confirmation results exceed method recommended limits.
S	Surrogate recovery outside accepted recovery limits.
a1	Sample diluted due to matrix interference.
a3	Sample diluted due to high organic content.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c2	Surrogate recovery outside of the control limits due to matrix interference.
e2	Diesel range compounds are significant; no recognizable pattern.
e7	Oil range compounds are significant.
e8	Pattern resembles kerosene/kerosene range/jet fuel range.

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC20 06172044.D	200152

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00010	1	06/17/2020 19:58
a-BHC	ND		0.00010	1	06/17/2020 19:58
b-BHC	ND		0.00030	1	06/17/2020 19:58
d-BHC	ND		0.00020	1	06/17/2020 19:58
g-BHC	ND		0.00010	1	06/17/2020 19:58
Chlordane (Technical)	ND		0.0025	1	06/17/2020 19:58
a-Chlordane	ND		0.00010	1	06/17/2020 19:58
g-Chlordane	ND		0.00010	1	06/17/2020 19:58
p,p-DDD	ND		0.00010	1	06/17/2020 19:58
p,p-DDE	ND		0.00010	1	06/17/2020 19:58
p,p-DDT	0.00033	P	0.00010	1	06/17/2020 19:58
Dieldrin	ND		0.00010	1	06/17/2020 19:58
Endosulfan I	ND		0.00010	1	06/17/2020 19:58
Endosulfan II	ND		0.00010	1	06/17/2020 19:58
Endosulfan sulfate	ND		0.00010	1	06/17/2020 19:58
Endrin	ND		0.00010	1	06/17/2020 19:58
Endrin aldehyde	ND		0.00010	1	06/17/2020 19:58
Endrin ketone	ND		0.00010	1	06/17/2020 19:58
Heptachlor	ND		0.00010	1	06/17/2020 19:58
Heptachlor epoxide	ND		0.00010	1	06/17/2020 19:58
Hexachlorobenzene	ND		0.0010	1	06/17/2020 19:58
Hexachlorocyclopentadiene	ND		0.0020	1	06/17/2020 19:58
Methoxychlor	ND		0.00020	1	06/17/2020 19:58
Toxaphene	ND		0.0050	1	06/17/2020 19:58
Aroclor1016	ND		0.0050	1	06/17/2020 19:58
Aroclor1221	ND		0.0050	1	06/17/2020 19:58
Aroclor1232	ND		0.0050	1	06/17/2020 19:58
Aroclor1242	ND		0.0050	1	06/17/2020 19:58
Aroclor1248	ND		0.0050	1	06/17/2020 19:58
Aroclor1254	ND		0.0050	1	06/17/2020 19:58
Aroclor1260	ND		0.0050	1	06/17/2020 19:58
PCBs, total	ND		0.0050	1	06/17/2020 19:58

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	114	20-145	06/17/2020 19:58

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC23 06162065.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 03:31
a-BHC	ND	0.00010	1	06/17/2020 03:31
b-BHC	ND	0.00030	1	06/17/2020 03:31
d-BHC	ND	0.00020	1	06/17/2020 03:31
g-BHC	ND	0.00010	1	06/17/2020 03:31
Chlordane (Technical)	ND	0.0025	1	06/17/2020 03:31
a-Chlordane	ND	0.00010	1	06/17/2020 03:31
g-Chlordane	ND	0.00010	1	06/17/2020 03:31
p,p-DDD	ND	0.00010	1	06/17/2020 03:31
p,p-DDE	ND	0.00010	1	06/17/2020 03:31
p,p-DDT	ND	0.00010	1	06/17/2020 03:31
Dieldrin	ND	0.00010	1	06/17/2020 03:31
Endosulfan I	ND	0.00010	1	06/17/2020 03:31
Endosulfan II	ND	0.00010	1	06/17/2020 03:31
Endosulfan sulfate	ND	0.00010	1	06/17/2020 03:31
Endrin	ND	0.00010	1	06/17/2020 03:31
Endrin aldehyde	ND	0.00010	1	06/17/2020 03:31
Endrin ketone	ND	0.00010	1	06/17/2020 03:31
Heptachlor	ND	0.00010	1	06/17/2020 03:31
Heptachlor epoxide	ND	0.00010	1	06/17/2020 03:31
Hexachlorobenzene	ND	0.0010	1	06/17/2020 03:31
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 03:31
Methoxychlor	ND	0.00020	1	06/17/2020 03:31
Toxaphene	ND	0.0050	1	06/17/2020 03:31
Aroclor1016	ND	0.0050	1	06/17/2020 03:31
Aroclor1221	ND	0.0050	1	06/17/2020 03:31
Aroclor1232	ND	0.0050	1	06/17/2020 03:31
Aroclor1242	ND	0.0050	1	06/17/2020 03:31
Aroclor1248	ND	0.0050	1	06/17/2020 03:31
Aroclor1254	ND	0.0050	1	06/17/2020 03:31
Aroclor1260	ND	0.0050	1	06/17/2020 03:31
PCBs, total	ND	0.0050	1	06/17/2020 03:31

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	120	20-145	06/17/2020 03:31

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC23 06162066.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 03:46
a-BHC	ND	0.00010	1	06/17/2020 03:46
b-BHC	ND	0.00030	1	06/17/2020 03:46
d-BHC	ND	0.00020	1	06/17/2020 03:46
g-BHC	ND	0.00010	1	06/17/2020 03:46
Chlordane (Technical)	ND	0.0025	1	06/17/2020 03:46
a-Chlordane	ND	0.00010	1	06/17/2020 03:46
g-Chlordane	ND	0.00010	1	06/17/2020 03:46
p,p-DDD	ND	0.00010	1	06/17/2020 03:46
p,p-DDE	ND	0.00010	1	06/17/2020 03:46
p,p-DDT	ND	0.00010	1	06/17/2020 03:46
Dieldrin	ND	0.00010	1	06/17/2020 03:46
Endosulfan I	ND	0.00010	1	06/17/2020 03:46
Endosulfan II	ND	0.00010	1	06/17/2020 03:46
Endosulfan sulfate	ND	0.00010	1	06/17/2020 03:46
Endrin	ND	0.00010	1	06/17/2020 03:46
Endrin aldehyde	ND	0.00010	1	06/17/2020 03:46
Endrin ketone	ND	0.00010	1	06/17/2020 03:46
Heptachlor	ND	0.00010	1	06/17/2020 03:46
Heptachlor epoxide	ND	0.00010	1	06/17/2020 03:46
Hexachlorobenzene	ND	0.0010	1	06/17/2020 03:46
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 03:46
Methoxychlor	ND	0.00020	1	06/17/2020 03:46
Toxaphene	ND	0.0050	1	06/17/2020 03:46
Aroclor1016	ND	0.0050	1	06/17/2020 03:46
Aroclor1221	ND	0.0050	1	06/17/2020 03:46
Aroclor1232	ND	0.0050	1	06/17/2020 03:46
Aroclor1242	ND	0.0050	1	06/17/2020 03:46
Aroclor1248	ND	0.0050	1	06/17/2020 03:46
Aroclor1254	ND	0.0050	1	06/17/2020 03:46
Aroclor1260	ND	0.0050	1	06/17/2020 03:46
PCBs, total	ND	0.0050	1	06/17/2020 03:46

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	117	20-145	06/17/2020 03:46

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC20 06172045.D	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 20:14
a-BHC	ND	0.00010	1	06/17/2020 20:14
b-BHC	ND	0.00030	1	06/17/2020 20:14
d-BHC	ND	0.00020	1	06/17/2020 20:14
g-BHC	ND	0.00010	1	06/17/2020 20:14
Chlordane (Technical)	0.013	0.0025	1	06/17/2020 20:14
a-Chlordane	0.0014	0.00010	1	06/17/2020 20:14
g-Chlordane	0.0018	0.00010	1	06/17/2020 20:14
p,p-DDD	0.0020	0.00010	1	06/17/2020 20:14
p,p-DDE	0.049	0.00020	2	06/18/2020 13:10
p,p-DDT	0.032	0.00010	1	06/17/2020 20:14
Dieldrin	ND	0.00010	1	06/17/2020 20:14
Endosulfan I	ND	0.00010	1	06/17/2020 20:14
Endosulfan II	ND	0.00010	1	06/17/2020 20:14
Endosulfan sulfate	ND	0.00010	1	06/17/2020 20:14
Endrin	ND	0.00010	1	06/17/2020 20:14
Endrin aldehyde	ND	0.00010	1	06/17/2020 20:14
Endrin ketone	ND	0.00010	1	06/17/2020 20:14
Heptachlor	ND	0.00010	1	06/17/2020 20:14
Heptachlor epoxide	ND	0.00010	1	06/17/2020 20:14
Hexachlorobenzene	ND	0.0010	1	06/17/2020 20:14
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 20:14
Methoxychlor	ND	0.00020	1	06/17/2020 20:14
Toxaphene	ND	0.0050	1	06/17/2020 20:14
Aroclor1016	ND	0.0050	1	06/17/2020 20:14
Aroclor1221	ND	0.0050	1	06/17/2020 20:14
Aroclor1232	ND	0.0050	1	06/17/2020 20:14
Aroclor1242	ND	0.0050	1	06/17/2020 20:14
Aroclor1248	ND	0.0050	1	06/17/2020 20:14
Aroclor1254	ND	0.0050	1	06/17/2020 20:14
Aroclor1260	ND	0.0050	1	06/17/2020 20:14
PCBs, total	ND	0.0050	1	06/17/2020 20:14

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	100	20-145	06/17/2020 20:14

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC20 06182017.D	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/18/2020 13:26
a-BHC	ND	0.00010	1	06/18/2020 13:26
b-BHC	ND	0.00030	1	06/18/2020 13:26
d-BHC	ND	0.00020	1	06/18/2020 13:26
g-BHC	ND	0.00010	1	06/18/2020 13:26
Chlordane (Technical)	ND	0.0025	1	06/18/2020 13:26
a-Chlordane	ND	0.00010	1	06/18/2020 13:26
g-Chlordane	ND	0.00010	1	06/18/2020 13:26
p,p-DDD	ND	0.00010	1	06/18/2020 13:26
p,p-DDE	0.00015	0.00010	1	06/18/2020 13:26
p,p-DDT	ND	0.00010	1	06/18/2020 13:26
Dieldrin	ND	0.00010	1	06/18/2020 13:26
Endosulfan I	ND	0.00010	1	06/18/2020 13:26
Endosulfan II	ND	0.00010	1	06/18/2020 13:26
Endosulfan sulfate	ND	0.00010	1	06/18/2020 13:26
Endrin	ND	0.00010	1	06/18/2020 13:26
Endrin aldehyde	ND	0.00010	1	06/18/2020 13:26
Endrin ketone	ND	0.00010	1	06/18/2020 13:26
Heptachlor	ND	0.00010	1	06/18/2020 13:26
Heptachlor epoxide	ND	0.00010	1	06/18/2020 13:26
Hexachlorobenzene	ND	0.0010	1	06/18/2020 13:26
Hexachlorocyclopentadiene	ND	0.0020	1	06/18/2020 13:26
Methoxychlor	ND	0.00020	1	06/18/2020 13:26
Toxaphene	ND	0.0050	1	06/18/2020 13:26
Aroclor1016	ND	0.0050	1	06/18/2020 13:26
Aroclor1221	ND	0.0050	1	06/18/2020 13:26
Aroclor1232	ND	0.0050	1	06/18/2020 13:26
Aroclor1242	ND	0.0050	1	06/18/2020 13:26
Aroclor1248	ND	0.0050	1	06/18/2020 13:26
Aroclor1254	ND	0.0050	1	06/18/2020 13:26
Aroclor1260	ND	0.0050	1	06/18/2020 13:26
PCBs, total	ND	0.0050	1	06/18/2020 13:26

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	93	20-145	06/18/2020 13:26

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC23 06162067.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 04:02
a-BHC	ND	0.00010	1	06/17/2020 04:02
b-BHC	ND	0.00030	1	06/17/2020 04:02
d-BHC	ND	0.00020	1	06/17/2020 04:02
g-BHC	ND	0.00010	1	06/17/2020 04:02
Chlordane (Technical)	ND	0.0025	1	06/17/2020 04:02
a-Chlordane	ND	0.00010	1	06/17/2020 04:02
g-Chlordane	ND	0.00010	1	06/17/2020 04:02
p,p-DDD	ND	0.00010	1	06/17/2020 04:02
p,p-DDE	ND	0.00010	1	06/17/2020 04:02
p,p-DDT	ND	0.00010	1	06/17/2020 04:02
Dieldrin	ND	0.00010	1	06/17/2020 04:02
Endosulfan I	ND	0.00010	1	06/17/2020 04:02
Endosulfan II	ND	0.00010	1	06/17/2020 04:02
Endosulfan sulfate	ND	0.00010	1	06/17/2020 04:02
Endrin	ND	0.00010	1	06/17/2020 04:02
Endrin aldehyde	ND	0.00010	1	06/17/2020 04:02
Endrin ketone	ND	0.00010	1	06/17/2020 04:02
Heptachlor	ND	0.00010	1	06/17/2020 04:02
Heptachlor epoxide	ND	0.00010	1	06/17/2020 04:02
Hexachlorobenzene	ND	0.0010	1	06/17/2020 04:02
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 04:02
Methoxychlor	ND	0.00020	1	06/17/2020 04:02
Toxaphene	ND	0.0050	1	06/17/2020 04:02
Aroclor1016	ND	0.0050	1	06/17/2020 04:02
Aroclor1221	ND	0.0050	1	06/17/2020 04:02
Aroclor1232	ND	0.0050	1	06/17/2020 04:02
Aroclor1242	ND	0.0050	1	06/17/2020 04:02
Aroclor1248	ND	0.0050	1	06/17/2020 04:02
Aroclor1254	ND	0.0050	1	06/17/2020 04:02
Aroclor1260	ND	0.0050	1	06/17/2020 04:02
PCBs, total	ND	0.0050	1	06/17/2020 04:02

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	131	20-145	06/17/2020 04:02

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC20 06182018.D	200152

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00020	2	06/18/2020 13:41
a-BHC	ND		0.00020	2	06/18/2020 13:41
b-BHC	ND		0.00060	2	06/18/2020 13:41
d-BHC	ND		0.00040	2	06/18/2020 13:41
g-BHC	ND		0.00020	2	06/18/2020 13:41
Chlordane (Technical)	ND		0.0050	2	06/18/2020 13:41
a-Chlordane	0.00024	P	0.00020	2	06/18/2020 13:41
g-Chlordane	0.00022		0.00020	2	06/18/2020 13:41
p,p-DDD	0.00025		0.00020	2	06/18/2020 13:41
p,p-DDE	0.0024		0.00020	2	06/18/2020 13:41
p,p-DDT	0.0086		0.00020	2	06/18/2020 13:41
Dieldrin	0.00024		0.00020	2	06/18/2020 13:41
Endosulfan I	ND		0.00020	2	06/18/2020 13:41
Endosulfan II	ND		0.00020	2	06/18/2020 13:41
Endosulfan sulfate	ND		0.00020	2	06/18/2020 13:41
Endrin	ND		0.00020	2	06/18/2020 13:41
Endrin aldehyde	ND		0.00020	2	06/18/2020 13:41
Endrin ketone	ND		0.00020	2	06/18/2020 13:41
Heptachlor	ND		0.00020	2	06/18/2020 13:41
Heptachlor epoxide	ND		0.00020	2	06/18/2020 13:41
Hexachlorobenzene	ND		0.0020	2	06/18/2020 13:41
Hexachlorocyclopentadiene	ND		0.0040	2	06/18/2020 13:41
Methoxychlor	ND		0.00040	2	06/18/2020 13:41
Toxaphene	ND		0.010	2	06/18/2020 13:41
Aroclor1016	ND		0.010	2	06/18/2020 13:41
Aroclor1221	ND		0.010	2	06/18/2020 13:41
Aroclor1232	ND		0.010	2	06/18/2020 13:41
Aroclor1242	ND		0.010	2	06/18/2020 13:41
Aroclor1248	ND		0.010	2	06/18/2020 13:41
Aroclor1254	ND		0.010	2	06/18/2020 13:41
Aroclor1260	ND		0.010	2	06/18/2020 13:41
PCBs, total	ND		0.010	2	06/18/2020 13:41

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	114	20-145	06/18/2020 13:41

Analyst(s): CK Analytical Comments: a1

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC20 06182019.D	200152

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.0010	10	06/18/2020 13:57
a-BHC	ND		0.0010	10	06/18/2020 13:57
b-BHC	ND		0.0030	10	06/18/2020 13:57
d-BHC	ND		0.0020	10	06/18/2020 13:57
g-BHC	ND		0.0010	10	06/18/2020 13:57
Chlordane (Technical)	ND		0.025	10	06/18/2020 13:57
a-Chlordane	ND		0.0010	10	06/18/2020 13:57
g-Chlordane	ND		0.0010	10	06/18/2020 13:57
p,p-DDD	ND		0.0010	10	06/18/2020 13:57
p,p-DDE	ND		0.0010	10	06/18/2020 13:57
p,p-DDT	0.0020	P	0.0010	10	06/18/2020 13:57
Dieldrin	ND		0.0010	10	06/18/2020 13:57
Endosulfan I	ND		0.0010	10	06/18/2020 13:57
Endosulfan II	ND		0.0010	10	06/18/2020 13:57
Endosulfan sulfate	ND		0.0010	10	06/18/2020 13:57
Endrin	ND		0.0010	10	06/18/2020 13:57
Endrin aldehyde	ND		0.0010	10	06/18/2020 13:57
Endrin ketone	ND		0.0010	10	06/18/2020 13:57
Heptachlor	ND		0.0010	10	06/18/2020 13:57
Heptachlor epoxide	ND		0.0010	10	06/18/2020 13:57
Hexachlorobenzene	ND		0.010	10	06/18/2020 13:57
Hexachlorocyclopentadiene	ND		0.020	10	06/18/2020 13:57
Methoxychlor	ND		0.0020	10	06/18/2020 13:57
Toxaphene	ND		0.050	10	06/18/2020 13:57
Aroclor1016	ND		0.050	10	06/18/2020 13:57
Aroclor1221	ND		0.050	10	06/18/2020 13:57
Aroclor1232	ND		0.050	10	06/18/2020 13:57
Aroclor1242	ND		0.050	10	06/18/2020 13:57
Aroclor1248	ND		0.050	10	06/18/2020 13:57
Aroclor1254	ND		0.050	10	06/18/2020 13:57
Aroclor1260	ND		0.050	10	06/18/2020 13:57
PCBs, total	ND		0.050	10	06/18/2020 13:57

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	103	20-145	06/18/2020 13:57

Analyst(s): CK

Analytical Comments: a1

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC23 06162068.d	200152

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 04:17
a-BHC	ND	0.00010	1	06/17/2020 04:17
b-BHC	ND	0.00030	1	06/17/2020 04:17
d-BHC	ND	0.00020	1	06/17/2020 04:17
g-BHC	ND	0.00010	1	06/17/2020 04:17
Chlordane (Technical)	ND	0.0025	1	06/17/2020 04:17
a-Chlordane	ND	0.00010	1	06/17/2020 04:17
g-Chlordane	ND	0.00010	1	06/17/2020 04:17
p,p-DDD	ND	0.00010	1	06/17/2020 04:17
p,p-DDE	ND	0.00010	1	06/17/2020 04:17
p,p-DDT	ND	0.00010	1	06/17/2020 04:17
Dieldrin	ND	0.00010	1	06/17/2020 04:17
Endosulfan I	ND	0.00010	1	06/17/2020 04:17
Endosulfan II	ND	0.00010	1	06/17/2020 04:17
Endosulfan sulfate	ND	0.00010	1	06/17/2020 04:17
Endrin	ND	0.00010	1	06/17/2020 04:17
Endrin aldehyde	ND	0.00010	1	06/17/2020 04:17
Endrin ketone	ND	0.00010	1	06/17/2020 04:17
Heptachlor	ND	0.00010	1	06/17/2020 04:17
Heptachlor epoxide	ND	0.00010	1	06/17/2020 04:17
Hexachlorobenzene	ND	0.0010	1	06/17/2020 04:17
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 04:17
Methoxychlor	ND	0.00020	1	06/17/2020 04:17
Toxaphene	ND	0.0050	1	06/17/2020 04:17
Aroclor1016	ND	0.0050	1	06/17/2020 04:17
Aroclor1221	ND	0.0050	1	06/17/2020 04:17
Aroclor1232	ND	0.0050	1	06/17/2020 04:17
Aroclor1242	ND	0.0050	1	06/17/2020 04:17
Aroclor1248	ND	0.0050	1	06/17/2020 04:17
Aroclor1254	ND	0.0050	1	06/17/2020 04:17
Aroclor1260	ND	0.0050	1	06/17/2020 04:17
PCBs, total	ND	0.0050	1	06/17/2020 04:17

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	122	20-145	06/17/2020 04:17

Analyst(s): LT

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC20 06182020.D	200259

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00050	5	06/18/2020 14:13
a-BHC	ND	0.00050	5	06/18/2020 14:13
b-BHC	ND	0.0015	5	06/18/2020 14:13
d-BHC	ND	0.0010	5	06/18/2020 14:13
g-BHC	ND	0.00050	5	06/18/2020 14:13
Chlordane (Technical)	ND	0.012	5	06/18/2020 14:13
a-Chlordane	ND	0.00050	5	06/18/2020 14:13
g-Chlordane	0.00055	0.00050	5	06/18/2020 14:13
p,p-DDD	ND	0.00050	5	06/18/2020 14:13
p,p-DDE	0.00074	0.00050	5	06/18/2020 14:13
p,p-DDT	0.0029	0.00050	5	06/18/2020 14:13
Dieldrin	ND	0.00050	5	06/18/2020 14:13
Endosulfan I	ND	0.00050	5	06/18/2020 14:13
Endosulfan II	ND	0.00050	5	06/18/2020 14:13
Endosulfan sulfate	ND	0.00050	5	06/18/2020 14:13
Endrin	ND	0.00050	5	06/18/2020 14:13
Endrin aldehyde	ND	0.00050	5	06/18/2020 14:13
Endrin ketone	ND	0.00050	5	06/18/2020 14:13
Heptachlor	ND	0.00050	5	06/18/2020 14:13
Heptachlor epoxide	ND	0.00050	5	06/18/2020 14:13
Hexachlorobenzene	ND	0.0050	5	06/18/2020 14:13
Hexachlorocyclopentadiene	ND	0.010	5	06/18/2020 14:13
Methoxychlor	ND	0.0010	5	06/18/2020 14:13
Toxaphene	ND	0.025	5	06/18/2020 14:13
Aroclor1016	ND	0.025	5	06/18/2020 14:13
Aroclor1221	ND	0.025	5	06/18/2020 14:13
Aroclor1232	ND	0.025	5	06/18/2020 14:13
Aroclor1242	ND	0.025	5	06/18/2020 14:13
Aroclor1248	ND	0.025	5	06/18/2020 14:13
Aroclor1254	ND	0.025	5	06/18/2020 14:13
Aroclor1260	ND	0.025	5	06/18/2020 14:13
PCBs, total	ND	0.025	5	06/18/2020 14:13

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	102	20-145	06/18/2020 14:13

Analyst(s): CK

Analytical Comments: a1

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC20 06172050.D	200259

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 21:33
a-BHC	ND	0.00010	1	06/17/2020 21:33
b-BHC	ND	0.00030	1	06/17/2020 21:33
d-BHC	ND	0.00020	1	06/17/2020 21:33
g-BHC	ND	0.00010	1	06/17/2020 21:33
Chlordane (Technical)	ND	0.0025	1	06/17/2020 21:33
a-Chlordane	ND	0.00010	1	06/17/2020 21:33
g-Chlordane	ND	0.00010	1	06/17/2020 21:33
p,p-DDD	ND	0.00010	1	06/17/2020 21:33
p,p-DDE	ND	0.00010	1	06/17/2020 21:33
p,p-DDT	0.00038	0.00010	1	06/17/2020 21:33
Dieldrin	ND	0.00010	1	06/17/2020 21:33
Endosulfan I	ND	0.00010	1	06/17/2020 21:33
Endosulfan II	ND	0.00010	1	06/17/2020 21:33
Endosulfan sulfate	ND	0.00010	1	06/17/2020 21:33
Endrin	ND	0.00010	1	06/17/2020 21:33
Endrin aldehyde	ND	0.00010	1	06/17/2020 21:33
Endrin ketone	ND	0.00010	1	06/17/2020 21:33
Heptachlor	ND	0.00010	1	06/17/2020 21:33
Heptachlor epoxide	ND	0.00010	1	06/17/2020 21:33
Hexachlorobenzene	ND	0.0010	1	06/17/2020 21:33
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 21:33
Methoxychlor	ND	0.00020	1	06/17/2020 21:33
Toxaphene	ND	0.0050	1	06/17/2020 21:33
Aroclor1016	ND	0.0050	1	06/17/2020 21:33
Aroclor1221	ND	0.0050	1	06/17/2020 21:33
Aroclor1232	ND	0.0050	1	06/17/2020 21:33
Aroclor1242	ND	0.0050	1	06/17/2020 21:33
Aroclor1248	ND	0.0050	1	06/17/2020 21:33
Aroclor1254	ND	0.0050	1	06/17/2020 21:33
Aroclor1260	ND	0.0050	1	06/17/2020 21:33
PCBs, total	ND	0.0050	1	06/17/2020 21:33

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	95	20-145	06/17/2020 21:33

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC20 06172051.D	200259

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 21:49
a-BHC	ND	0.00010	1	06/17/2020 21:49
b-BHC	ND	0.00030	1	06/17/2020 21:49
d-BHC	ND	0.00020	1	06/17/2020 21:49
g-BHC	ND	0.00010	1	06/17/2020 21:49
Chlordane (Technical)	ND	0.0025	1	06/17/2020 21:49
a-Chlordane	ND	0.00010	1	06/17/2020 21:49
g-Chlordane	ND	0.00010	1	06/17/2020 21:49
p,p-DDD	ND	0.00010	1	06/17/2020 21:49
p,p-DDE	ND	0.00010	1	06/17/2020 21:49
p,p-DDT	ND	0.00010	1	06/17/2020 21:49
Dieldrin	ND	0.00010	1	06/17/2020 21:49
Endosulfan I	ND	0.00010	1	06/17/2020 21:49
Endosulfan II	ND	0.00010	1	06/17/2020 21:49
Endosulfan sulfate	ND	0.00010	1	06/17/2020 21:49
Endrin	ND	0.00010	1	06/17/2020 21:49
Endrin aldehyde	ND	0.00010	1	06/17/2020 21:49
Endrin ketone	ND	0.00010	1	06/17/2020 21:49
Heptachlor	ND	0.00010	1	06/17/2020 21:49
Heptachlor epoxide	ND	0.00010	1	06/17/2020 21:49
Hexachlorobenzene	ND	0.0010	1	06/17/2020 21:49
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 21:49
Methoxychlor	ND	0.00020	1	06/17/2020 21:49
Toxaphene	ND	0.0050	1	06/17/2020 21:49
Aroclor1016	ND	0.0050	1	06/17/2020 21:49
Aroclor1221	ND	0.0050	1	06/17/2020 21:49
Aroclor1232	ND	0.0050	1	06/17/2020 21:49
Aroclor1242	ND	0.0050	1	06/17/2020 21:49
Aroclor1248	ND	0.0050	1	06/17/2020 21:49
Aroclor1254	ND	0.0050	1	06/17/2020 21:49
Aroclor1260	ND	0.0050	1	06/17/2020 21:49
PCBs, total	ND	0.0050	1	06/17/2020 21:49

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	107	20-145	06/17/2020 21:49

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC20 06172052.D	200259

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 22:05
a-BHC	ND	0.00010	1	06/17/2020 22:05
b-BHC	ND	0.00030	1	06/17/2020 22:05
d-BHC	ND	0.00020	1	06/17/2020 22:05
g-BHC	ND	0.00010	1	06/17/2020 22:05
Chlordane (Technical)	ND	0.0025	1	06/17/2020 22:05
a-Chlordane	ND	0.00010	1	06/17/2020 22:05
g-Chlordane	ND	0.00010	1	06/17/2020 22:05
p,p-DDD	ND	0.00010	1	06/17/2020 22:05
p,p-DDE	ND	0.00010	1	06/17/2020 22:05
p,p-DDT	ND	0.00010	1	06/17/2020 22:05
Dieldrin	ND	0.00010	1	06/17/2020 22:05
Endosulfan I	ND	0.00010	1	06/17/2020 22:05
Endosulfan II	ND	0.00010	1	06/17/2020 22:05
Endosulfan sulfate	ND	0.00010	1	06/17/2020 22:05
Endrin	ND	0.00010	1	06/17/2020 22:05
Endrin aldehyde	ND	0.00010	1	06/17/2020 22:05
Endrin ketone	ND	0.00010	1	06/17/2020 22:05
Heptachlor	ND	0.00010	1	06/17/2020 22:05
Heptachlor epoxide	ND	0.00010	1	06/17/2020 22:05
Hexachlorobenzene	ND	0.0010	1	06/17/2020 22:05
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 22:05
Methoxychlor	ND	0.00020	1	06/17/2020 22:05
Toxaphene	ND	0.0050	1	06/17/2020 22:05
Aroclor1016	ND	0.0050	1	06/17/2020 22:05
Aroclor1221	ND	0.0050	1	06/17/2020 22:05
Aroclor1232	ND	0.0050	1	06/17/2020 22:05
Aroclor1242	ND	0.0050	1	06/17/2020 22:05
Aroclor1248	ND	0.0050	1	06/17/2020 22:05
Aroclor1254	ND	0.0050	1	06/17/2020 22:05
Aroclor1260	ND	0.0050	1	06/17/2020 22:05
PCBs, total	ND	0.0050	1	06/17/2020 22:05

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	98	20-145	06/17/2020 22:05

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC20 06172053.D	200259

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/17/2020 22:21
a-BHC	ND	0.00010	1	06/17/2020 22:21
b-BHC	ND	0.00030	1	06/17/2020 22:21
d-BHC	ND	0.00020	1	06/17/2020 22:21
g-BHC	ND	0.00010	1	06/17/2020 22:21
Chlordane (Technical)	ND	0.0025	1	06/17/2020 22:21
a-Chlordane	ND	0.00010	1	06/17/2020 22:21
g-Chlordane	ND	0.00010	1	06/17/2020 22:21
p,p-DDD	ND	0.00010	1	06/17/2020 22:21
p,p-DDE	ND	0.00010	1	06/17/2020 22:21
p,p-DDT	ND	0.00010	1	06/17/2020 22:21
Dieldrin	ND	0.00010	1	06/17/2020 22:21
Endosulfan I	ND	0.00010	1	06/17/2020 22:21
Endosulfan II	ND	0.00010	1	06/17/2020 22:21
Endosulfan sulfate	ND	0.00010	1	06/17/2020 22:21
Endrin	ND	0.00010	1	06/17/2020 22:21
Endrin aldehyde	ND	0.00010	1	06/17/2020 22:21
Endrin ketone	ND	0.00010	1	06/17/2020 22:21
Heptachlor	ND	0.00010	1	06/17/2020 22:21
Heptachlor epoxide	ND	0.00010	1	06/17/2020 22:21
Hexachlorobenzene	ND	0.0010	1	06/17/2020 22:21
Hexachlorocyclopentadiene	ND	0.0020	1	06/17/2020 22:21
Methoxychlor	ND	0.00020	1	06/17/2020 22:21
Toxaphene	ND	0.0050	1	06/17/2020 22:21
Aroclor1016	ND	0.0050	1	06/17/2020 22:21
Aroclor1221	ND	0.0050	1	06/17/2020 22:21
Aroclor1232	ND	0.0050	1	06/17/2020 22:21
Aroclor1242	ND	0.0050	1	06/17/2020 22:21
Aroclor1248	ND	0.0050	1	06/17/2020 22:21
Aroclor1254	ND	0.0050	1	06/17/2020 22:21
Aroclor1260	ND	0.0050	1	06/17/2020 22:21
PCBs, total	ND	0.0050	1	06/17/2020 22:21

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	109	20-145	06/17/2020 22:21

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC20 06172061.D	200259

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/18/2020 00:28
a-BHC	ND	0.00010	1	06/18/2020 00:28
b-BHC	ND	0.00030	1	06/18/2020 00:28
d-BHC	ND	0.00020	1	06/18/2020 00:28
g-BHC	ND	0.00010	1	06/18/2020 00:28
Chlordane (Technical)	ND	0.0025	1	06/18/2020 00:28
a-Chlordane	ND	0.00010	1	06/18/2020 00:28
g-Chlordane	ND	0.00010	1	06/18/2020 00:28
p,p-DDD	ND	0.00010	1	06/18/2020 00:28
p,p-DDE	ND	0.00010	1	06/18/2020 00:28
p,p-DDT	ND	0.00010	1	06/18/2020 00:28
Dieldrin	ND	0.00010	1	06/18/2020 00:28
Endosulfan I	ND	0.00010	1	06/18/2020 00:28
Endosulfan II	ND	0.00010	1	06/18/2020 00:28
Endosulfan sulfate	ND	0.00010	1	06/18/2020 00:28
Endrin	ND	0.00010	1	06/18/2020 00:28
Endrin aldehyde	ND	0.00010	1	06/18/2020 00:28
Endrin ketone	ND	0.00010	1	06/18/2020 00:28
Heptachlor	ND	0.00010	1	06/18/2020 00:28
Heptachlor epoxide	ND	0.00010	1	06/18/2020 00:28
Hexachlorobenzene	ND	0.0010	1	06/18/2020 00:28
Hexachlorocyclopentadiene	ND	0.0020	1	06/18/2020 00:28
Methoxychlor	ND	0.00020	1	06/18/2020 00:28
Toxaphene	ND	0.0050	1	06/18/2020 00:28
Aroclor1016	ND	0.0050	1	06/18/2020 00:28
Aroclor1221	ND	0.0050	1	06/18/2020 00:28
Aroclor1232	ND	0.0050	1	06/18/2020 00:28
Aroclor1242	ND	0.0050	1	06/18/2020 00:28
Aroclor1248	ND	0.0050	1	06/18/2020 00:28
Aroclor1254	ND	0.0050	1	06/18/2020 00:28
Aroclor1260	ND	0.0050	1	06/18/2020 00:28
PCBs, total	ND	0.0050	1	06/18/2020 00:28

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	115	20-145	06/18/2020 00:28

Analyst(s): CK

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg

Organochlorine Pesticides + PCBs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC20 06172062.D	200259

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	06/18/2020 00:44
a-BHC	ND	0.00010	1	06/18/2020 00:44
b-BHC	ND	0.00030	1	06/18/2020 00:44
d-BHC	ND	0.00020	1	06/18/2020 00:44
g-BHC	ND	0.00010	1	06/18/2020 00:44
Chlordane (Technical)	ND	0.0025	1	06/18/2020 00:44
a-Chlordane	ND	0.00010	1	06/18/2020 00:44
g-Chlordane	ND	0.00010	1	06/18/2020 00:44
p,p-DDD	ND	0.00010	1	06/18/2020 00:44
p,p-DDE	ND	0.00010	1	06/18/2020 00:44
p,p-DDT	ND	0.00010	1	06/18/2020 00:44
Dieldrin	ND	0.00010	1	06/18/2020 00:44
Endosulfan I	ND	0.00010	1	06/18/2020 00:44
Endosulfan II	ND	0.00010	1	06/18/2020 00:44
Endosulfan sulfate	ND	0.00010	1	06/18/2020 00:44
Endrin	ND	0.00010	1	06/18/2020 00:44
Endrin aldehyde	ND	0.00010	1	06/18/2020 00:44
Endrin ketone	ND	0.00010	1	06/18/2020 00:44
Heptachlor	ND	0.00010	1	06/18/2020 00:44
Heptachlor epoxide	ND	0.00010	1	06/18/2020 00:44
Hexachlorobenzene	ND	0.0010	1	06/18/2020 00:44
Hexachlorocyclopentadiene	ND	0.0020	1	06/18/2020 00:44
Methoxychlor	ND	0.00020	1	06/18/2020 00:44
Toxaphene	ND	0.0050	1	06/18/2020 00:44
Aroclor1016	ND	0.0050	1	06/18/2020 00:44
Aroclor1221	ND	0.0050	1	06/18/2020 00:44
Aroclor1232	ND	0.0050	1	06/18/2020 00:44
Aroclor1242	ND	0.0050	1	06/18/2020 00:44
Aroclor1248	ND	0.0050	1	06/18/2020 00:44
Aroclor1254	ND	0.0050	1	06/18/2020 00:44
Aroclor1260	ND	0.0050	1	06/18/2020 00:44
PCBs, total	ND	0.0050	1	06/18/2020 00:44

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	113	20-145	06/18/2020 00:44

Analyst(s): CK



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC25 F0616200112.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.20	2	06/16/2020 18:27
Atrazine	ND	0.20	2	06/16/2020 18:27
Azinphos methyl (Guthion)	ND	0.20	2	06/16/2020 18:27
Bolstar (Sulprofos)	ND	0.20	2	06/16/2020 18:27
Chlorpyrifos	ND	0.20	2	06/16/2020 18:27
Coumaphos	ND	0.20	2	06/16/2020 18:27
Demeton	ND	0.20	2	06/16/2020 18:27
Diazinon	ND	0.20	2	06/16/2020 18:27
Dichlorvos (DDVP)	ND	0.20	2	06/16/2020 18:27
Dimethoate	ND	0.20	2	06/16/2020 18:27
Disulfoton (Di-Syston)	ND	0.20	2	06/16/2020 18:27
EPN	ND	0.20	2	06/16/2020 18:27
EPTC	ND	0.20	2	06/16/2020 18:27
Ethion	ND	0.20	2	06/16/2020 18:27
Ethoprop	ND	0.20	2	06/16/2020 18:27
Ethyl parathion	ND	0.20	2	06/16/2020 18:27
Fensulfothion	ND	0.20	2	06/16/2020 18:27
Fenthion	ND	0.20	2	06/16/2020 18:27
Fonofos	ND	0.20	2	06/16/2020 18:27
Malathion	ND	0.20	2	06/16/2020 18:27
Mevinphos (Phosdrin)	ND	0.20	2	06/16/2020 18:27
Molinate	ND	0.20	2	06/16/2020 18:27
Methyl parathion	ND	0.20	2	06/16/2020 18:27
Phorate (Thimet)	ND	0.20	2	06/16/2020 18:27
Prometon	ND	0.20	2	06/16/2020 18:27
Ronnel	ND	0.20	2	06/16/2020 18:27
Simazine	ND	0.20	2	06/16/2020 18:27
Stirofos (Tetrachlorvinphos)	ND	0.20	2	06/16/2020 18:27
Terbacil	ND	0.20	2	06/16/2020 18:27
Terbufos (Terbuphos)	ND	0.20	2	06/16/2020 18:27
Thiobencarb	ND	0.20	2	06/16/2020 18:27
Tokuthion (Prothiofos)	ND	0.20	2	06/16/2020 18:27
Trichloronate (Agritox)	ND	0.20	2	06/16/2020 18:27

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC25 F0616200112.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	72	60-140		06/16/2020 18:27
Analyst(s): STA	Analytical Comments: a3			



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50		GC25 F0616200113.D	200142
Analytes	Result	RL	DF	Date Analyzed		
Alachlor	ND	0.10	1	06/16/2020 18:54		
Atrazine	ND	0.10	1	06/16/2020 18:54		
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 18:54		
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 18:54		
Chloropyrifos	ND	0.10	1	06/16/2020 18:54		
Coumaphos	ND	0.10	1	06/16/2020 18:54		
Demeton	ND	0.10	1	06/16/2020 18:54		
Diazinon	ND	0.10	1	06/16/2020 18:54		
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 18:54		
Dimethoate	ND	0.10	1	06/16/2020 18:54		
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 18:54		
EPN	ND	0.10	1	06/16/2020 18:54		
EPTC	ND	0.10	1	06/16/2020 18:54		
Ethion	ND	0.10	1	06/16/2020 18:54		
Ethoprop	ND	0.10	1	06/16/2020 18:54		
Ethyl parathion	ND	0.10	1	06/16/2020 18:54		
Fensulfothion	ND	0.10	1	06/16/2020 18:54		
Fenthion	ND	0.10	1	06/16/2020 18:54		
Fonofos	ND	0.10	1	06/16/2020 18:54		
Malathion	ND	0.10	1	06/16/2020 18:54		
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 18:54		
Molinate	ND	0.10	1	06/16/2020 18:54		
Methyl parathion	ND	0.10	1	06/16/2020 18:54		
Phorate (Thimet)	ND	0.10	1	06/16/2020 18:54		
Prometon	ND	0.10	1	06/16/2020 18:54		
Ronnel	ND	0.10	1	06/16/2020 18:54		
Simazine	ND	0.10	1	06/16/2020 18:54		
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 18:54		
Terbacil	ND	0.10	1	06/16/2020 18:54		
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 18:54		
Thiobencarb	ND	0.10	1	06/16/2020 18:54		
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 18:54		
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 18:54		

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC25 F0616200113.D	200142

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Triphenyl phosphate	84		60-140	06/16/2020 18:54

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC25 F0616200116.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 20:14
Atrazine	ND	0.10	1	06/16/2020 20:14
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 20:14
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 20:14
Chlorpyrifos	ND	0.10	1	06/16/2020 20:14
Coumaphos	ND	0.10	1	06/16/2020 20:14
Demeton	ND	0.10	1	06/16/2020 20:14
Diazinon	ND	0.10	1	06/16/2020 20:14
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 20:14
Dimethoate	ND	0.10	1	06/16/2020 20:14
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 20:14
EPN	ND	0.10	1	06/16/2020 20:14
EPTC	ND	0.10	1	06/16/2020 20:14
Ethion	ND	0.10	1	06/16/2020 20:14
Ethoprop	ND	0.10	1	06/16/2020 20:14
Ethyl parathion	ND	0.10	1	06/16/2020 20:14
Fensulfothion	ND	0.10	1	06/16/2020 20:14
Fenthion	ND	0.10	1	06/16/2020 20:14
Fonofos	ND	0.10	1	06/16/2020 20:14
Malathion	ND	0.10	1	06/16/2020 20:14
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 20:14
Molinate	ND	0.10	1	06/16/2020 20:14
Methyl parathion	ND	0.10	1	06/16/2020 20:14
Phorate (Thimet)	ND	0.10	1	06/16/2020 20:14
Prometon	ND	0.10	1	06/16/2020 20:14
Ronnel	ND	0.10	1	06/16/2020 20:14
Simazine	ND	0.10	1	06/16/2020 20:14
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 20:14
Terbacil	ND	0.10	1	06/16/2020 20:14
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 20:14
Thiobencarb	ND	0.10	1	06/16/2020 20:14
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 20:14
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 20:14

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC25 F0616200116.D	200142

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>Date Analyzed</u>
Triphenyl phosphate	82	60-140	06/16/2020 20:14

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC25 F0616200117.D	200142
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Alachlor	ND		5.0	50	06/16/2020 20:41
Atrazine	ND		5.0	50	06/16/2020 20:41
Azinphos methyl (Guthion)	ND		5.0	50	06/16/2020 20:41
Bolstar (Sulprofos)	ND		5.0	50	06/16/2020 20:41
Chloropyrifos	ND		5.0	50	06/16/2020 20:41
Coumaphos	ND		5.0	50	06/16/2020 20:41
Demeton	ND		5.0	50	06/16/2020 20:41
Diazinon	ND		5.0	50	06/16/2020 20:41
Dichlorvos (DDVP)	ND		5.0	50	06/16/2020 20:41
Dimethoate	ND		5.0	50	06/16/2020 20:41
Disulfoton (Di-Syston)	ND		5.0	50	06/16/2020 20:41
EPN	ND		5.0	50	06/16/2020 20:41
EPTC	ND		5.0	50	06/16/2020 20:41
Ethion	ND		5.0	50	06/16/2020 20:41
Ethoprop	ND		5.0	50	06/16/2020 20:41
Ethyl parathion	ND		5.0	50	06/16/2020 20:41
Fensulfothion	ND		5.0	50	06/16/2020 20:41
Fenthion	ND		5.0	50	06/16/2020 20:41
Fonofos	ND		5.0	50	06/16/2020 20:41
Malathion	ND		5.0	50	06/16/2020 20:41
Mevinphos (Phosdrin)	ND		5.0	50	06/16/2020 20:41
Molinate	ND		5.0	50	06/16/2020 20:41
Methyl parathion	ND		5.0	50	06/16/2020 20:41
Phorate (Thimet)	ND		5.0	50	06/16/2020 20:41
Prometon	ND		5.0	50	06/16/2020 20:41
Ronnel	ND		5.0	50	06/16/2020 20:41
Simazine	ND		5.0	50	06/16/2020 20:41
Stirofos (Tetrachlorvinphos)	ND		5.0	50	06/16/2020 20:41
Terbacil	ND		5.0	50	06/16/2020 20:41
Terbufos (Terbuphos)	ND		5.0	50	06/16/2020 20:41
Thiobencarb	ND		5.0	50	06/16/2020 20:41
Tokuthion (Prothiofos)	ND		5.0	50	06/16/2020 20:41
Trichloronate (Agritox)	ND		5.0	50	06/16/2020 20:41

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC25 F0616200117.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	123	60-140		06/16/2020 20:41
Analyst(s): STA	Analytical Comments: a3			



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC25 F0616200118.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	2.0	20	06/16/2020 21:07
Atrazine	ND	2.0	20	06/16/2020 21:07
Azinphos methyl (Guthion)	ND	2.0	20	06/16/2020 21:07
Bolstar (Sulprofos)	ND	2.0	20	06/16/2020 21:07
Chlorpyrifos	ND	2.0	20	06/16/2020 21:07
Coumaphos	ND	2.0	20	06/16/2020 21:07
Demeton	ND	2.0	20	06/16/2020 21:07
Diazinon	ND	2.0	20	06/16/2020 21:07
Dichlorvos (DDVP)	ND	2.0	20	06/16/2020 21:07
Dimethoate	ND	2.0	20	06/16/2020 21:07
Disulfoton (Di-Syston)	ND	2.0	20	06/16/2020 21:07
EPN	ND	2.0	20	06/16/2020 21:07
EPTC	ND	2.0	20	06/16/2020 21:07
Ethion	ND	2.0	20	06/16/2020 21:07
Ethoprop	ND	2.0	20	06/16/2020 21:07
Ethyl parathion	ND	2.0	20	06/16/2020 21:07
Fensulfothion	ND	2.0	20	06/16/2020 21:07
Fenthion	ND	2.0	20	06/16/2020 21:07
Fonofos	ND	2.0	20	06/16/2020 21:07
Malathion	ND	2.0	20	06/16/2020 21:07
Mevinphos (Phosdrin)	ND	2.0	20	06/16/2020 21:07
Molinate	ND	2.0	20	06/16/2020 21:07
Methyl parathion	ND	2.0	20	06/16/2020 21:07
Phorate (Thimet)	ND	2.0	20	06/16/2020 21:07
Prometon	ND	2.0	20	06/16/2020 21:07
Ronnel	ND	2.0	20	06/16/2020 21:07
Simazine	ND	2.0	20	06/16/2020 21:07
Stirofos (Tetrachlorvinphos)	ND	2.0	20	06/16/2020 21:07
Terbacil	ND	2.0	20	06/16/2020 21:07
Terbufos (Terbuphos)	ND	2.0	20	06/16/2020 21:07
Thiobencarb	ND	2.0	20	06/16/2020 21:07
Tokuthion (Prothiofos)	ND	2.0	20	06/16/2020 21:07
Trichloronate (Agritox)	ND	2.0	20	06/16/2020 21:07

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC25 F0616200118.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	104	60-140		06/16/2020 21:07
Analyst(s): STA	Analytical Comments: a3			



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC25 F0616200119.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 21:34
Atrazine	ND	0.10	1	06/16/2020 21:34
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 21:34
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 21:34
Chloropyrifos	ND	0.10	1	06/16/2020 21:34
Coumaphos	ND	0.10	1	06/16/2020 21:34
Demeton	ND	0.10	1	06/16/2020 21:34
Diazinon	ND	0.10	1	06/16/2020 21:34
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 21:34
Dimethoate	ND	0.10	1	06/16/2020 21:34
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 21:34
EPN	ND	0.10	1	06/16/2020 21:34
EPTC	ND	0.10	1	06/16/2020 21:34
Ethion	ND	0.10	1	06/16/2020 21:34
Ethoprop	ND	0.10	1	06/16/2020 21:34
Ethyl parathion	ND	0.10	1	06/16/2020 21:34
Fensulfothion	ND	0.10	1	06/16/2020 21:34
Fenthion	ND	0.10	1	06/16/2020 21:34
Fonofos	ND	0.10	1	06/16/2020 21:34
Malathion	ND	0.10	1	06/16/2020 21:34
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 21:34
Molinate	ND	0.10	1	06/16/2020 21:34
Methyl parathion	ND	0.10	1	06/16/2020 21:34
Phorate (Thimet)	ND	0.10	1	06/16/2020 21:34
Prometon	ND	0.10	1	06/16/2020 21:34
Ronnel	ND	0.10	1	06/16/2020 21:34
Simazine	ND	0.10	1	06/16/2020 21:34
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 21:34
Terbacil	ND	0.10	1	06/16/2020 21:34
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 21:34
Thiobencarb	ND	0.10	1	06/16/2020 21:34
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 21:34
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 21:34

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC25 F0616200119.D	200142

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Limits	
Triphenyl phosphate	94	60-140	06/16/2020 21:34

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45		GC25 F0616200120.D	200142
Analytes	Result	RL	DF	Date Analyzed		
Alachlor	ND	2.0	20	06/16/2020 22:00		
Atrazine	ND	2.0	20	06/16/2020 22:00		
Azinphos methyl (Guthion)	ND	2.0	20	06/16/2020 22:00		
Bolstar (Sulprofos)	ND	2.0	20	06/16/2020 22:00		
Chlorpyrifos	ND	2.0	20	06/16/2020 22:00		
Coumaphos	ND	2.0	20	06/16/2020 22:00		
Demeton	ND	2.0	20	06/16/2020 22:00		
Diazinon	ND	2.0	20	06/16/2020 22:00		
Dichlorvos (DDVP)	ND	2.0	20	06/16/2020 22:00		
Dimethoate	ND	2.0	20	06/16/2020 22:00		
Disulfoton (Di-Syston)	ND	2.0	20	06/16/2020 22:00		
EPN	ND	2.0	20	06/16/2020 22:00		
EPTC	ND	2.0	20	06/16/2020 22:00		
Ethion	ND	2.0	20	06/16/2020 22:00		
Ethoprop	ND	2.0	20	06/16/2020 22:00		
Ethyl parathion	ND	2.0	20	06/16/2020 22:00		
Fensulfothion	ND	2.0	20	06/16/2020 22:00		
Fenthion	ND	2.0	20	06/16/2020 22:00		
Fonofos	ND	2.0	20	06/16/2020 22:00		
Malathion	ND	2.0	20	06/16/2020 22:00		
Mevinphos (Phosdrin)	ND	2.0	20	06/16/2020 22:00		
Molinate	ND	2.0	20	06/16/2020 22:00		
Methyl parathion	ND	2.0	20	06/16/2020 22:00		
Phorate (Thimet)	ND	2.0	20	06/16/2020 22:00		
Prometon	ND	2.0	20	06/16/2020 22:00		
Ronnel	ND	2.0	20	06/16/2020 22:00		
Simazine	ND	2.0	20	06/16/2020 22:00		
Stirofos (Tetrachlorvinphos)	ND	2.0	20	06/16/2020 22:00		
Terbacil	ND	2.0	20	06/16/2020 22:00		
Terbufos (Terbuphos)	ND	2.0	20	06/16/2020 22:00		
Thiobencarb	ND	2.0	20	06/16/2020 22:00		
Tokuthion (Prothiofos)	ND	2.0	20	06/16/2020 22:00		
Trichloronate (Agritox)	ND	2.0	20	06/16/2020 22:00		

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC25 F0616200120.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	81	60-140		06/16/2020 22:00
Analyst(s): STA	Analytical Comments: a3			



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC25 F0616200121.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	1.0	10	06/16/2020 22:27
Atrazine	ND	1.0	10	06/16/2020 22:27
Azinphos methyl (Guthion)	ND	1.0	10	06/16/2020 22:27
Bolstar (Sulprofos)	ND	1.0	10	06/16/2020 22:27
Chlorpyrifos	ND	1.0	10	06/16/2020 22:27
Coumaphos	ND	1.0	10	06/16/2020 22:27
Demeton	ND	1.0	10	06/16/2020 22:27
Diazinon	ND	1.0	10	06/16/2020 22:27
Dichlorvos (DDVP)	ND	1.0	10	06/16/2020 22:27
Dimethoate	ND	1.0	10	06/16/2020 22:27
Disulfoton (Di-Syston)	ND	1.0	10	06/16/2020 22:27
EPN	ND	1.0	10	06/16/2020 22:27
EPTC	ND	1.0	10	06/16/2020 22:27
Ethion	ND	1.0	10	06/16/2020 22:27
Ethoprop	ND	1.0	10	06/16/2020 22:27
Ethyl parathion	ND	1.0	10	06/16/2020 22:27
Fensulfothion	ND	1.0	10	06/16/2020 22:27
Fenthion	ND	1.0	10	06/16/2020 22:27
Fonofos	ND	1.0	10	06/16/2020 22:27
Malathion	ND	1.0	10	06/16/2020 22:27
Mevinphos (Phosdrin)	ND	1.0	10	06/16/2020 22:27
Molinate	ND	1.0	10	06/16/2020 22:27
Methyl parathion	ND	1.0	10	06/16/2020 22:27
Phorate (Thimet)	ND	1.0	10	06/16/2020 22:27
Prometon	ND	1.0	10	06/16/2020 22:27
Ronnel	ND	1.0	10	06/16/2020 22:27
Simazine	ND	1.0	10	06/16/2020 22:27
Stirofos (Tetrachlorvinphos)	ND	1.0	10	06/16/2020 22:27
Terbacil	ND	1.0	10	06/16/2020 22:27
Terbufos (Terbuphos)	ND	1.0	10	06/16/2020 22:27
Thiobencarb	ND	1.0	10	06/16/2020 22:27
Tokuthion (Prothiofos)	ND	1.0	10	06/16/2020 22:27
Trichloronate (Agritox)	ND	1.0	10	06/16/2020 22:27

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC25 F0616200121.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	76	60-140		06/16/2020 22:27
Analyst(s): STA	Analytical Comments: a3			



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC25 F0616200122.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 22:54
Atrazine	ND	0.10	1	06/16/2020 22:54
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 22:54
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 22:54
Chlorpyrifos	ND	0.10	1	06/16/2020 22:54
Coumaphos	ND	0.10	1	06/16/2020 22:54
Demeton	ND	0.10	1	06/16/2020 22:54
Diazinon	ND	0.10	1	06/16/2020 22:54
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 22:54
Dimethoate	ND	0.10	1	06/16/2020 22:54
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 22:54
EPN	ND	0.10	1	06/16/2020 22:54
EPTC	ND	0.10	1	06/16/2020 22:54
Ethion	ND	0.10	1	06/16/2020 22:54
Ethoprop	ND	0.10	1	06/16/2020 22:54
Ethyl parathion	ND	0.10	1	06/16/2020 22:54
Fensulfothion	ND	0.10	1	06/16/2020 22:54
Fenthion	ND	0.10	1	06/16/2020 22:54
Fonofos	ND	0.10	1	06/16/2020 22:54
Malathion	ND	0.10	1	06/16/2020 22:54
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 22:54
Molinate	ND	0.10	1	06/16/2020 22:54
Methyl parathion	ND	0.10	1	06/16/2020 22:54
Phorate (Thimet)	ND	0.10	1	06/16/2020 22:54
Prometon	ND	0.10	1	06/16/2020 22:54
Ronnel	ND	0.10	1	06/16/2020 22:54
Simazine	ND	0.10	1	06/16/2020 22:54
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 22:54
Terbacil	ND	0.10	1	06/16/2020 22:54
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 22:54
Thiobencarb	ND	0.10	1	06/16/2020 22:54
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 22:54
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 22:54

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC25 F0616200122.D	200142

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Limits	
Triphenyl phosphate	85	60-140	06/16/2020 22:54

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC25 F0616200123.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	1.0	10	06/16/2020 23:20
Atrazine	ND	1.0	10	06/16/2020 23:20
Azinphos methyl (Guthion)	ND	1.0	10	06/16/2020 23:20
Bolstar (Sulprofos)	ND	1.0	10	06/16/2020 23:20
Chlorpyrifos	ND	1.0	10	06/16/2020 23:20
Coumaphos	ND	1.0	10	06/16/2020 23:20
Demeton	ND	1.0	10	06/16/2020 23:20
Diazinon	ND	1.0	10	06/16/2020 23:20
Dichlorvos (DDVP)	ND	1.0	10	06/16/2020 23:20
Dimethoate	ND	1.0	10	06/16/2020 23:20
Disulfoton (Di-Syston)	ND	1.0	10	06/16/2020 23:20
EPN	ND	1.0	10	06/16/2020 23:20
EPTC	ND	1.0	10	06/16/2020 23:20
Ethion	ND	1.0	10	06/16/2020 23:20
Ethoprop	ND	1.0	10	06/16/2020 23:20
Ethyl parathion	ND	1.0	10	06/16/2020 23:20
Fensulfothion	ND	1.0	10	06/16/2020 23:20
Fenthion	ND	1.0	10	06/16/2020 23:20
Fonofos	ND	1.0	10	06/16/2020 23:20
Malathion	ND	1.0	10	06/16/2020 23:20
Mevinphos (Phosdrin)	ND	1.0	10	06/16/2020 23:20
Molinate	ND	1.0	10	06/16/2020 23:20
Methyl parathion	ND	1.0	10	06/16/2020 23:20
Phorate (Thimet)	ND	1.0	10	06/16/2020 23:20
Prometon	ND	1.0	10	06/16/2020 23:20
Ronnel	ND	1.0	10	06/16/2020 23:20
Simazine	ND	1.0	10	06/16/2020 23:20
Stirofos (Tetrachlorvinphos)	ND	1.0	10	06/16/2020 23:20
Terbacil	ND	1.0	10	06/16/2020 23:20
Terbufos (Terbuphos)	ND	1.0	10	06/16/2020 23:20
Thiobencarb	ND	1.0	10	06/16/2020 23:20
Tokuthion (Prothiofos)	ND	1.0	10	06/16/2020 23:20
Trichloronate (Agritox)	ND	1.0	10	06/16/2020 23:20

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC25 F0616200123.D	200142

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Triphenyl phosphate	78	60-140		06/16/2020 23:20
Analyst(s): STA	Analytical Comments: a3			



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC25 F0616200124.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/16/2020 23:47
Atrazine	ND	0.10	1	06/16/2020 23:47
Azinphos methyl (Guthion)	ND	0.10	1	06/16/2020 23:47
Bolstar (Sulprofos)	ND	0.10	1	06/16/2020 23:47
Chloropyrifos	ND	0.10	1	06/16/2020 23:47
Coumaphos	ND	0.10	1	06/16/2020 23:47
Demeton	ND	0.10	1	06/16/2020 23:47
Diazinon	ND	0.10	1	06/16/2020 23:47
Dichlorvos (DDVP)	ND	0.10	1	06/16/2020 23:47
Dimethoate	ND	0.10	1	06/16/2020 23:47
Disulfoton (Di-Syston)	ND	0.10	1	06/16/2020 23:47
EPN	ND	0.10	1	06/16/2020 23:47
EPTC	ND	0.10	1	06/16/2020 23:47
Ethion	ND	0.10	1	06/16/2020 23:47
Ethoprop	ND	0.10	1	06/16/2020 23:47
Ethyl parathion	ND	0.10	1	06/16/2020 23:47
Fensulfothion	ND	0.10	1	06/16/2020 23:47
Fenthion	ND	0.10	1	06/16/2020 23:47
Fonofos	ND	0.10	1	06/16/2020 23:47
Malathion	ND	0.10	1	06/16/2020 23:47
Mevinphos (Phosdrin)	ND	0.10	1	06/16/2020 23:47
Molinate	ND	0.10	1	06/16/2020 23:47
Methyl parathion	ND	0.10	1	06/16/2020 23:47
Phorate (Thimet)	ND	0.10	1	06/16/2020 23:47
Prometon	ND	0.10	1	06/16/2020 23:47
Ronnel	ND	0.10	1	06/16/2020 23:47
Simazine	ND	0.10	1	06/16/2020 23:47
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/16/2020 23:47
Terbacil	ND	0.10	1	06/16/2020 23:47
Terbufos (Terbuphos)	ND	0.10	1	06/16/2020 23:47
Thiobencarb	ND	0.10	1	06/16/2020 23:47
Tokuthion (Prothiofos)	ND	0.10	1	06/16/2020 23:47
Trichloronate (Agritox)	ND	0.10	1	06/16/2020 23:47

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC25 F0616200124.D	200142

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Triphenyl phosphate	89	60-140	06/16/2020 23:47

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC25 F0616200125.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/17/2020 00:14
Atrazine	ND	0.10	1	06/17/2020 00:14
Azinphos methyl (Guthion)	ND	0.10	1	06/17/2020 00:14
Bolstar (Sulprofos)	ND	0.10	1	06/17/2020 00:14
Chlorpyrifos	ND	0.10	1	06/17/2020 00:14
Coumaphos	ND	0.10	1	06/17/2020 00:14
Demeton	ND	0.10	1	06/17/2020 00:14
Diazinon	ND	0.10	1	06/17/2020 00:14
Dichlorvos (DDVP)	ND	0.10	1	06/17/2020 00:14
Dimethoate	ND	0.10	1	06/17/2020 00:14
Disulfoton (Di-Syston)	ND	0.10	1	06/17/2020 00:14
EPN	ND	0.10	1	06/17/2020 00:14
EPTC	ND	0.10	1	06/17/2020 00:14
Ethion	ND	0.10	1	06/17/2020 00:14
Ethoprop	ND	0.10	1	06/17/2020 00:14
Ethyl parathion	ND	0.10	1	06/17/2020 00:14
Fensulfothion	ND	0.10	1	06/17/2020 00:14
Fenthion	ND	0.10	1	06/17/2020 00:14
Fonofos	ND	0.10	1	06/17/2020 00:14
Malathion	ND	0.10	1	06/17/2020 00:14
Mevinphos (Phosdrin)	ND	0.10	1	06/17/2020 00:14
Molinate	ND	0.10	1	06/17/2020 00:14
Methyl parathion	ND	0.10	1	06/17/2020 00:14
Phorate (Thimet)	ND	0.10	1	06/17/2020 00:14
Prometon	ND	0.10	1	06/17/2020 00:14
Ronnel	ND	0.10	1	06/17/2020 00:14
Simazine	ND	0.10	1	06/17/2020 00:14
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/17/2020 00:14
Terbacil	ND	0.10	1	06/17/2020 00:14
Terbufos (Terbuphos)	ND	0.10	1	06/17/2020 00:14
Thiobencarb	ND	0.10	1	06/17/2020 00:14
Tokuthion (Prothiofos)	ND	0.10	1	06/17/2020 00:14
Trichloronate (Agritox)	ND	0.10	1	06/17/2020 00:14

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC25 F0616200125.D	200142

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Limits	Date Analyzed
Triphenyl phosphate	84	60-140	06/17/2020 00:14

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC25 F0616200131.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/17/2020 03:47
Atrazine	ND	0.10	1	06/17/2020 03:47
Azinphos methyl (Guthion)	ND	0.10	1	06/17/2020 03:47
Bolstar (Sulprofos)	ND	0.10	1	06/17/2020 03:47
Chlorpyrifos	ND	0.10	1	06/17/2020 03:47
Coumaphos	ND	0.10	1	06/17/2020 03:47
Demeton	ND	0.10	1	06/17/2020 03:47
Diazinon	ND	0.10	1	06/17/2020 03:47
Dichlorvos (DDVP)	ND	0.10	1	06/17/2020 03:47
Dimethoate	ND	0.10	1	06/17/2020 03:47
Disulfoton (Di-Syston)	ND	0.10	1	06/17/2020 03:47
EPN	ND	0.10	1	06/17/2020 03:47
EPTC	ND	0.10	1	06/17/2020 03:47
Ethion	ND	0.10	1	06/17/2020 03:47
Ethoprop	ND	0.10	1	06/17/2020 03:47
Ethyl parathion	ND	0.10	1	06/17/2020 03:47
Fensulfothion	ND	0.10	1	06/17/2020 03:47
Fenthion	ND	0.10	1	06/17/2020 03:47
Fonofos	ND	0.10	1	06/17/2020 03:47
Malathion	ND	0.10	1	06/17/2020 03:47
Mevinphos (Phosdrin)	ND	0.10	1	06/17/2020 03:47
Molinate	ND	0.10	1	06/17/2020 03:47
Methyl parathion	ND	0.10	1	06/17/2020 03:47
Phorate (Thimet)	ND	0.10	1	06/17/2020 03:47
Prometon	ND	0.10	1	06/17/2020 03:47
Ronnel	ND	0.10	1	06/17/2020 03:47
Simazine	ND	0.10	1	06/17/2020 03:47
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/17/2020 03:47
Terbacil	ND	0.10	1	06/17/2020 03:47
Terbufos (Terbuphos)	ND	0.10	1	06/17/2020 03:47
Thiobencarb	ND	0.10	1	06/17/2020 03:47
Tokuthion (Prothiofos)	ND	0.10	1	06/17/2020 03:47
Trichloronate (Agritox)	ND	0.10	1	06/17/2020 03:47

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC25 F0616200131.D	200142

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Limits	
Triphenyl phosphate	86	60-140	06/17/2020 03:47

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC25 F0616200132.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/17/2020 04:13
Atrazine	ND	0.10	1	06/17/2020 04:13
Azinphos methyl (Guthion)	ND	0.10	1	06/17/2020 04:13
Bolstar (Sulprofos)	ND	0.10	1	06/17/2020 04:13
Chlorpyrifos	ND	0.10	1	06/17/2020 04:13
Coumaphos	ND	0.10	1	06/17/2020 04:13
Demeton	ND	0.10	1	06/17/2020 04:13
Diazinon	ND	0.10	1	06/17/2020 04:13
Dichlorvos (DDVP)	ND	0.10	1	06/17/2020 04:13
Dimethoate	ND	0.10	1	06/17/2020 04:13
Disulfoton (Di-Syston)	ND	0.10	1	06/17/2020 04:13
EPN	ND	0.10	1	06/17/2020 04:13
EPTC	ND	0.10	1	06/17/2020 04:13
Ethion	ND	0.10	1	06/17/2020 04:13
Ethoprop	ND	0.10	1	06/17/2020 04:13
Ethyl parathion	ND	0.10	1	06/17/2020 04:13
Fensulfothion	ND	0.10	1	06/17/2020 04:13
Fenthion	ND	0.10	1	06/17/2020 04:13
Fonofos	ND	0.10	1	06/17/2020 04:13
Malathion	ND	0.10	1	06/17/2020 04:13
Mevinphos (Phosdrin)	ND	0.10	1	06/17/2020 04:13
Molinate	ND	0.10	1	06/17/2020 04:13
Methyl parathion	ND	0.10	1	06/17/2020 04:13
Phorate (Thimet)	ND	0.10	1	06/17/2020 04:13
Prometon	ND	0.10	1	06/17/2020 04:13
Ronnel	ND	0.10	1	06/17/2020 04:13
Simazine	ND	0.10	1	06/17/2020 04:13
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/17/2020 04:13
Terbacil	ND	0.10	1	06/17/2020 04:13
Terbufos (Terbuphos)	ND	0.10	1	06/17/2020 04:13
Thiobencarb	ND	0.10	1	06/17/2020 04:13
Tokuthion (Prothiofos)	ND	0.10	1	06/17/2020 04:13
Trichloronate (Agritox)	ND	0.10	1	06/17/2020 04:13

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC25 F0616200132.D	200142

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Limits	Date Analyzed
Triphenyl phosphate	87	60-140	06/17/2020 04:13

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC25 F0616200133.D	200142

Analytes	Result	RL	DF	Date Analyzed
Alachlor	ND	0.10	1	06/17/2020 04:40
Atrazine	ND	0.10	1	06/17/2020 04:40
Azinphos methyl (Guthion)	ND	0.10	1	06/17/2020 04:40
Bolstar (Sulprofos)	ND	0.10	1	06/17/2020 04:40
Chlorpyrifos	ND	0.10	1	06/17/2020 04:40
Coumaphos	ND	0.10	1	06/17/2020 04:40
Demeton	ND	0.10	1	06/17/2020 04:40
Diazinon	ND	0.10	1	06/17/2020 04:40
Dichlorvos (DDVP)	ND	0.10	1	06/17/2020 04:40
Dimethoate	ND	0.10	1	06/17/2020 04:40
Disulfoton (Di-Syston)	ND	0.10	1	06/17/2020 04:40
EPN	ND	0.10	1	06/17/2020 04:40
EPTC	ND	0.10	1	06/17/2020 04:40
Ethion	ND	0.10	1	06/17/2020 04:40
Ethoprop	ND	0.10	1	06/17/2020 04:40
Ethyl parathion	ND	0.10	1	06/17/2020 04:40
Fensulfothion	ND	0.10	1	06/17/2020 04:40
Fenthion	ND	0.10	1	06/17/2020 04:40
Fonofos	ND	0.10	1	06/17/2020 04:40
Malathion	ND	0.10	1	06/17/2020 04:40
Mevinphos (Phosdrin)	ND	0.10	1	06/17/2020 04:40
Molinate	ND	0.10	1	06/17/2020 04:40
Methyl parathion	ND	0.10	1	06/17/2020 04:40
Phorate (Thimet)	ND	0.10	1	06/17/2020 04:40
Prometon	ND	0.10	1	06/17/2020 04:40
Ronnel	ND	0.10	1	06/17/2020 04:40
Simazine	ND	0.10	1	06/17/2020 04:40
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/17/2020 04:40
Terbacil	ND	0.10	1	06/17/2020 04:40
Terbufos (Terbuphos)	ND	0.10	1	06/17/2020 04:40
Thiobencarb	ND	0.10	1	06/17/2020 04:40
Tokuthion (Prothiofos)	ND	0.10	1	06/17/2020 04:40
Trichloronate (Agritox)	ND	0.10	1	06/17/2020 04:40

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC25 F0616200133.D	200142

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Limits	Date Analyzed
Triphenyl phosphate	82	60-140	06/17/2020 04:40

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15		GC25 F0617200207.D	200229
Analytes	Result	RL	DF	Date Analyzed		
Alachlor	ND	0.10	1	06/17/2020 16:51		
Atrazine	ND	0.10	1	06/17/2020 16:51		
Azinphos methyl (Guthion)	ND	0.10	1	06/17/2020 16:51		
Bolstar (Sulprofos)	ND	0.10	1	06/17/2020 16:51		
Chloropyrifos	ND	0.10	1	06/17/2020 16:51		
Coumaphos	ND	0.10	1	06/17/2020 16:51		
Demeton	ND	0.10	1	06/17/2020 16:51		
Diazinon	ND	0.10	1	06/17/2020 16:51		
Dichlorvos (DDVP)	ND	0.10	1	06/17/2020 16:51		
Dimethoate	ND	0.10	1	06/17/2020 16:51		
Disulfoton (Di-Syston)	ND	0.10	1	06/17/2020 16:51		
EPN	ND	0.10	1	06/17/2020 16:51		
EPTC	ND	0.10	1	06/17/2020 16:51		
Ethion	ND	0.10	1	06/17/2020 16:51		
Ethoprop	ND	0.10	1	06/17/2020 16:51		
Ethyl parathion	ND	0.10	1	06/17/2020 16:51		
Fensulfothion	ND	0.10	1	06/17/2020 16:51		
Fenthion	ND	0.10	1	06/17/2020 16:51		
Fonofos	ND	0.10	1	06/17/2020 16:51		
Malathion	ND	0.10	1	06/17/2020 16:51		
Mevinphos (Phosdrin)	ND	0.10	1	06/17/2020 16:51		
Molinate	ND	0.10	1	06/17/2020 16:51		
Methyl parathion	ND	0.10	1	06/17/2020 16:51		
Phorate (Thimet)	ND	0.10	1	06/17/2020 16:51		
Prometon	ND	0.10	1	06/17/2020 16:51		
Ronnel	ND	0.10	1	06/17/2020 16:51		
Simazine	ND	0.10	1	06/17/2020 16:51		
Stirofos (Tetrachlorvinphos)	ND	0.10	1	06/17/2020 16:51		
Terbacil	ND	0.10	1	06/17/2020 16:51		
Terbufos (Terbuphos)	ND	0.10	1	06/17/2020 16:51		
Thiobencarb	ND	0.10	1	06/17/2020 16:51		
Tokuthion (Prothiofos)	ND	0.10	1	06/17/2020 16:51		
Trichloronate (Agritox)	ND	0.10	1	06/17/2020 16:51		

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg

Organophosphorous Pesticides by GC-MS (EPA 8141 Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC25 F0617200207.D	200229

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
1-Bromo-2-Nitrobenzene	76	60-140		06/17/2020 16:51

Analyst(s): STA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC15A 06162039.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 18:05
Bentazon	ND	0.050	1	06/17/2020 18:05
Chloramben	ND	0.050	1	06/17/2020 18:05
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 18:05
2,4-DB	ND	0.050	1	06/17/2020 18:05
Dalapon	ND	0.10	1	06/17/2020 18:05
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 18:05
Dicamba	ND	0.050	1	06/17/2020 18:05
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 18:05
Dichloroprop	ND	0.050	1	06/17/2020 18:05
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 18:05
MCPA	ND	5.0	1	06/17/2020 18:05
MCPP	ND	5.0	1	06/17/2020 18:05
4-Nitrophenol	ND	0.050	1	06/17/2020 18:05
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 18:05
Picloram	ND	0.050	1	06/17/2020 18:05
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 18:05
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 18:05

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	104	60-140	06/17/2020 18:05

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC15A 06162040.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 18:31
Bentazon	ND	0.050	1	06/17/2020 18:31
Chloramben	ND	0.050	1	06/17/2020 18:31
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 18:31
2,4-DB	ND	0.050	1	06/17/2020 18:31
Dalapon	ND	0.10	1	06/17/2020 18:31
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 18:31
Dicamba	ND	0.050	1	06/17/2020 18:31
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 18:31
Dichloroprop	ND	0.050	1	06/17/2020 18:31
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 18:31
MCPA	ND	5.0	1	06/17/2020 18:31
MCPP	ND	5.0	1	06/17/2020 18:31
4-Nitrophenol	ND	0.050	1	06/17/2020 18:31
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 18:31
Picloram	ND	0.050	1	06/17/2020 18:31
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 18:31
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 18:31

Surrogates	REC (%)	Limits	
DCAA	103	60-140	06/17/2020 18:31

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC15A 06162044.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 20:12
Bentazon	ND	0.050	1	06/17/2020 20:12
Chloramben	ND	0.050	1	06/17/2020 20:12
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 20:12
2,4-DB	ND	0.050	1	06/17/2020 20:12
Dalapon	ND	0.10	1	06/17/2020 20:12
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 20:12
Dicamba	ND	0.050	1	06/17/2020 20:12
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 20:12
Dichloroprop	ND	0.050	1	06/17/2020 20:12
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 20:12
MCPA	ND	5.0	1	06/17/2020 20:12
MCPP	ND	5.0	1	06/17/2020 20:12
4-Nitrophenol	ND	0.050	1	06/17/2020 20:12
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 20:12
Picloram	ND	0.050	1	06/17/2020 20:12
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 20:12
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 20:12

Surrogates	REC (%)	Limits	
DCAA	104	60-140	06/17/2020 20:12

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC15A 06162042.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/17/2020 19:22
Bentazon	ND	0.50	10	06/17/2020 19:22
Chloramben	ND	0.50	10	06/17/2020 19:22
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/17/2020 19:22
2,4-DB	ND	0.50	10	06/17/2020 19:22
Dalapon	ND	1.0	10	06/17/2020 19:22
DCPA (mono & diacid)	ND	0.50	10	06/17/2020 19:22
Dicamba	ND	0.50	10	06/17/2020 19:22
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/17/2020 19:22
Dichloroprop	ND	0.50	10	06/17/2020 19:22
Dinoseb (DNBP)	ND	0.50	10	06/17/2020 19:22
MCPA	ND	50	10	06/17/2020 19:22
MCPP	ND	50	10	06/17/2020 19:22
4-Nitrophenol	ND	0.50	10	06/17/2020 19:22
Pentachlorophenol (PCP)	ND	0.50	10	06/17/2020 19:22
Picloram	ND	0.50	10	06/17/2020 19:22
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/17/2020 19:22
2,4,5-TP (Silvex)	ND	0.50	10	06/17/2020 19:22

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	104	60-140	06/17/2020 19:22

Analyst(s): DP

Analytical Comments: a1



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC15A 06162043.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 19:47
Bentazon	ND	0.050	1	06/17/2020 19:47
Chloramben	ND	0.050	1	06/17/2020 19:47
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 19:47
2,4-DB	ND	0.050	1	06/17/2020 19:47
Dalapon	ND	0.10	1	06/17/2020 19:47
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 19:47
Dicamba	ND	0.050	1	06/17/2020 19:47
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 19:47
Dichloroprop	ND	0.050	1	06/17/2020 19:47
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 19:47
MCPA	ND	5.0	1	06/17/2020 19:47
MCPP	ND	5.0	1	06/17/2020 19:47
4-Nitrophenol	ND	0.050	1	06/17/2020 19:47
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 19:47
Picloram	ND	0.050	1	06/17/2020 19:47
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 19:47
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 19:47

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	98	60-140	06/17/2020 19:47

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC15A 06162045.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 20:38
Bentazon	ND	0.050	1	06/17/2020 20:38
Chloramben	ND	0.050	1	06/17/2020 20:38
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 20:38
2,4-DB	ND	0.050	1	06/17/2020 20:38
Dalapon	ND	0.10	1	06/17/2020 20:38
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 20:38
Dicamba	ND	0.050	1	06/17/2020 20:38
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 20:38
Dichloroprop	ND	0.050	1	06/17/2020 20:38
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 20:38
MCPA	ND	5.0	1	06/17/2020 20:38
MCPP	ND	5.0	1	06/17/2020 20:38
4-Nitrophenol	ND	0.050	1	06/17/2020 20:38
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 20:38
Picloram	ND	0.050	1	06/17/2020 20:38
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 20:38
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 20:38

Surrogates	REC (%)	Limits	
DCAA	95	60-140	06/17/2020 20:38

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC15A 06162046.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/17/2020 21:03
Bentazon	ND	0.50	10	06/17/2020 21:03
Chloramben	ND	0.50	10	06/17/2020 21:03
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/17/2020 21:03
2,4-DB	ND	0.50	10	06/17/2020 21:03
Dalapon	ND	1.0	10	06/17/2020 21:03
DCPA (mono & diacid)	ND	0.50	10	06/17/2020 21:03
Dicamba	ND	0.50	10	06/17/2020 21:03
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/17/2020 21:03
Dichloroprop	ND	0.50	10	06/17/2020 21:03
Dinoseb (DNBP)	ND	0.50	10	06/17/2020 21:03
MCPA	ND	50	10	06/17/2020 21:03
MCPP	ND	50	10	06/17/2020 21:03
4-Nitrophenol	ND	0.50	10	06/17/2020 21:03
Pentachlorophenol (PCP)	ND	0.50	10	06/17/2020 21:03
Picloram	ND	0.50	10	06/17/2020 21:03
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/17/2020 21:03
2,4,5-TP (Silvex)	ND	0.50	10	06/17/2020 21:03

Surrogates	REC (%)	Limits	
DCAA	109	60-140	06/17/2020 21:03

Analyst(s): DP **Analytical Comments:** a1



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC15A 06162047.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 21:28
Bentazon	ND	0.050	1	06/17/2020 21:28
Chloramben	ND	0.050	1	06/17/2020 21:28
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 21:28
2,4-DB	ND	0.050	1	06/17/2020 21:28
Dalapon	ND	0.10	1	06/17/2020 21:28
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 21:28
Dicamba	ND	0.050	1	06/17/2020 21:28
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 21:28
Dichloroprop	ND	0.050	1	06/17/2020 21:28
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 21:28
MCPA	ND	5.0	1	06/17/2020 21:28
MCPP	ND	5.0	1	06/17/2020 21:28
4-Nitrophenol	ND	0.050	1	06/17/2020 21:28
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 21:28
Picloram	ND	0.050	1	06/17/2020 21:28
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 21:28
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 21:28

Surrogates	REC (%)	Limits	
DCAA	112	60-140	06/17/2020 21:28

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC15A 06162048.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/17/2020 21:53
Bentazon	ND	0.050	1	06/17/2020 21:53
Chloramben	ND	0.050	1	06/17/2020 21:53
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/17/2020 21:53
2,4-DB	ND	0.050	1	06/17/2020 21:53
Dalapon	ND	0.10	1	06/17/2020 21:53
DCPA (mono & diacid)	ND	0.050	1	06/17/2020 21:53
Dicamba	ND	0.050	1	06/17/2020 21:53
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/17/2020 21:53
Dichloroprop	ND	0.050	1	06/17/2020 21:53
Dinoseb (DNBP)	ND	0.050	1	06/17/2020 21:53
MCPA	ND	5.0	1	06/17/2020 21:53
MCPP	ND	5.0	1	06/17/2020 21:53
4-Nitrophenol	ND	0.050	1	06/17/2020 21:53
Pentachlorophenol (PCP)	ND	0.050	1	06/17/2020 21:53
Picloram	ND	0.050	1	06/17/2020 21:53
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/17/2020 21:53
2,4,5-TP (Silvex)	ND	0.050	1	06/17/2020 21:53

Surrogates	REC (%)	Limits	
DCAA	114	60-140	06/17/2020 21:53

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC15A 06162049.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/17/2020 22:18
Bentazon	ND	0.50	10	06/17/2020 22:18
Chloramben	ND	0.50	10	06/17/2020 22:18
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/17/2020 22:18
2,4-DB	ND	0.50	10	06/17/2020 22:18
Dalapon	ND	1.0	10	06/17/2020 22:18
DCPA (mono & diacid)	ND	0.50	10	06/17/2020 22:18
Dicamba	ND	0.50	10	06/17/2020 22:18
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/17/2020 22:18
Dichloroprop	ND	0.50	10	06/17/2020 22:18
Dinoseb (DNBP)	ND	0.50	10	06/17/2020 22:18
MCPA	ND	50	10	06/17/2020 22:18
MCPP	ND	50	10	06/17/2020 22:18
4-Nitrophenol	ND	0.50	10	06/17/2020 22:18
Pentachlorophenol (PCP)	ND	0.50	10	06/17/2020 22:18
Picloram	ND	0.50	10	06/17/2020 22:18
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/17/2020 22:18
2,4,5-TP (Silvex)	ND	0.50	10	06/17/2020 22:18

Surrogates	REC (%)	Limits	
DCAA	119	60-140	06/17/2020 22:18

Analyst(s): DP **Analytical Comments:** a1



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC15A 06162076.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.25	5	06/18/2020 19:00
Bentazon	ND	0.25	5	06/18/2020 19:00
Chloramben	ND	0.25	5	06/18/2020 19:00
2,4-D (Dichlorophenoxyacetic acid)	ND	0.25	5	06/18/2020 19:00
2,4-DB	ND	0.25	5	06/18/2020 19:00
Dalapon	ND	0.50	5	06/18/2020 19:00
DCPA (mono & diacid)	ND	0.25	5	06/18/2020 19:00
Dicamba	ND	0.25	5	06/18/2020 19:00
3,5-Dichlorobenzoic Acid	ND	0.25	5	06/18/2020 19:00
Dichloroprop	ND	0.25	5	06/18/2020 19:00
Dinoseb (DNBP)	ND	0.25	5	06/18/2020 19:00
MCPA	ND	25	5	06/18/2020 19:00
MCPP	ND	25	5	06/18/2020 19:00
4-Nitrophenol	ND	0.25	5	06/18/2020 19:00
Pentachlorophenol (PCP)	ND	0.25	5	06/18/2020 19:00
Picloram	ND	0.25	5	06/18/2020 19:00
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.25	5	06/18/2020 19:00
2,4,5-TP (Silvex)	ND	0.25	5	06/18/2020 19:00

Surrogates	REC (%)	Limits	
DCAA	97	60-140	06/18/2020 19:00

Analyst(s): DP **Analytical Comments:** a1



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC15A 06162058.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/18/2020 02:03
Bentazon	ND	0.050	1	06/18/2020 02:03
Chloramben	ND	0.050	1	06/18/2020 02:03
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/18/2020 02:03
2,4-DB	ND	0.050	1	06/18/2020 02:03
Dalapon	ND	0.10	1	06/18/2020 02:03
DCPA (mono & diacid)	ND	0.050	1	06/18/2020 02:03
Dicamba	ND	0.050	1	06/18/2020 02:03
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/18/2020 02:03
Dichloroprop	ND	0.050	1	06/18/2020 02:03
Dinoseb (DNBP)	ND	0.050	1	06/18/2020 02:03
MCPA	ND	5.0	1	06/18/2020 02:03
MCPP	ND	5.0	1	06/18/2020 02:03
4-Nitrophenol	ND	0.050	1	06/18/2020 02:03
Pentachlorophenol (PCP)	ND	0.050	1	06/18/2020 02:03
Picloram	ND	0.050	1	06/18/2020 02:03
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/18/2020 02:03
2,4,5-TP (Silvex)	ND	0.050	1	06/18/2020 02:03

Surrogates	REC (%)	Limits	
DCAA	96	60-140	06/18/2020 02:03

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC15A 06162059.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/18/2020 02:28
Bentazon	ND	0.050	1	06/18/2020 02:28
Chloramben	ND	0.050	1	06/18/2020 02:28
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/18/2020 02:28
2,4-DB	ND	0.050	1	06/18/2020 02:28
Dalapon	ND	0.10	1	06/18/2020 02:28
DCPA (mono & diacid)	ND	0.050	1	06/18/2020 02:28
Dicamba	ND	0.050	1	06/18/2020 02:28
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/18/2020 02:28
Dichloroprop	ND	0.050	1	06/18/2020 02:28
Dinoseb (DNBP)	ND	0.050	1	06/18/2020 02:28
MCPA	ND	5.0	1	06/18/2020 02:28
MCPP	ND	5.0	1	06/18/2020 02:28
4-Nitrophenol	ND	0.050	1	06/18/2020 02:28
Pentachlorophenol (PCP)	ND	0.050	1	06/18/2020 02:28
Picloram	ND	0.050	1	06/18/2020 02:28
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/18/2020 02:28
2,4,5-TP (Silvex)	ND	0.050	1	06/18/2020 02:28

Surrogates	REC (%)	Limits	
DCAA	107	60-140	06/18/2020 02:28

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC15A 06162060.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/18/2020 02:53
Bentazon	ND	0.050	1	06/18/2020 02:53
Chloramben	ND	0.050	1	06/18/2020 02:53
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/18/2020 02:53
2,4-DB	ND	0.050	1	06/18/2020 02:53
Dalapon	ND	0.10	1	06/18/2020 02:53
DCPA (mono & diacid)	ND	0.050	1	06/18/2020 02:53
Dicamba	ND	0.050	1	06/18/2020 02:53
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/18/2020 02:53
Dichloroprop	ND	0.050	1	06/18/2020 02:53
Dinoseb (DNBP)	ND	0.050	1	06/18/2020 02:53
MCPA	ND	5.0	1	06/18/2020 02:53
MCPP	ND	5.0	1	06/18/2020 02:53
4-Nitrophenol	ND	0.050	1	06/18/2020 02:53
Pentachlorophenol (PCP)	ND	0.050	1	06/18/2020 02:53
Picloram	ND	0.050	1	06/18/2020 02:53
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/18/2020 02:53
2,4,5-TP (Silvex)	ND	0.050	1	06/18/2020 02:53

Surrogates	REC (%)	Limits	
DCAA	103	60-140	06/18/2020 02:53

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC15A 06162061.D	200134

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.50	10	06/18/2020 03:17
Bentazon	ND	0.50	10	06/18/2020 03:17
Chloramben	ND	0.50	10	06/18/2020 03:17
2,4-D (Dichlorophenoxyacetic acid)	ND	0.50	10	06/18/2020 03:17
2,4-DB	ND	0.50	10	06/18/2020 03:17
Dalapon	ND	1.0	10	06/18/2020 03:17
DCPA (mono & diacid)	ND	0.50	10	06/18/2020 03:17
Dicamba	ND	0.50	10	06/18/2020 03:17
3,5-Dichlorobenzoic Acid	ND	0.50	10	06/18/2020 03:17
Dichloroprop	ND	0.50	10	06/18/2020 03:17
Dinoseb (DNBP)	ND	0.50	10	06/18/2020 03:17
MCPA	ND	50	10	06/18/2020 03:17
MCPP	ND	50	10	06/18/2020 03:17
4-Nitrophenol	ND	0.50	10	06/18/2020 03:17
Pentachlorophenol (PCP)	ND	0.50	10	06/18/2020 03:17
Picloram	ND	0.50	10	06/18/2020 03:17
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.50	10	06/18/2020 03:17
2,4,5-TP (Silvex)	ND	0.50	10	06/18/2020 03:17

Surrogates	REC (%)	Limits	
DCAA	124	60-140	06/18/2020 03:17

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/16/2020-06/17/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC15A 06162055.D	200227

Analytes	Result	RL	DF	Date Analyzed
Acifluorfen	ND	0.050	1	06/18/2020 00:48
Bentazon	ND	0.050	1	06/18/2020 00:48
Chloramben	ND	0.050	1	06/18/2020 00:48
2,4-D (Dichlorophenoxyacetic acid)	ND	0.050	1	06/18/2020 00:48
2,4-DB	ND	0.050	1	06/18/2020 00:48
Dalapon	ND	0.10	1	06/18/2020 00:48
DCPA (mono & diacid)	ND	0.050	1	06/18/2020 00:48
Dicamba	ND	0.050	1	06/18/2020 00:48
3,5-Dichlorobenzoic Acid	ND	0.050	1	06/18/2020 00:48
Dichloroprop	ND	0.050	1	06/18/2020 00:48
Dinoseb (DNBP)	ND	0.050	1	06/18/2020 00:48
MCPA	ND	5.0	1	06/18/2020 00:48
MCPP	ND	5.0	1	06/18/2020 00:48
4-Nitrophenol	ND	0.050	1	06/18/2020 00:48
Pentachlorophenol (PCP)	ND	0.050	1	06/18/2020 00:48
Picloram	ND	0.050	1	06/18/2020 00:48
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.050	1	06/18/2020 00:48
2,4,5-TP (Silvex)	ND	0.050	1	06/18/2020 00:48

Surrogates	REC (%)	Limits	Date Analyzed
DCAA	102	60-140	06/18/2020 00:48

Analyst(s): DP



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC28 06202027.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/21/2020 00:23
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/21/2020 00:23
Benzene	ND	0.0050	1	06/21/2020 00:23
Bromobenzene	ND	0.0050	1	06/21/2020 00:23
Bromochloromethane	ND	0.0050	1	06/21/2020 00:23
Bromodichloromethane	ND	0.0010	1	06/21/2020 00:23
Bromoform	ND	0.0050	1	06/21/2020 00:23
Bromomethane	ND	0.0050	1	06/21/2020 00:23
2-Butanone (MEK)	ND	0.020	1	06/21/2020 00:23
t-Butyl alcohol (TBA)	ND	0.050	1	06/21/2020 00:23
n-Butyl benzene	ND	0.0050	1	06/21/2020 00:23
sec-Butyl benzene	ND	0.0050	1	06/21/2020 00:23
tert-Butyl benzene	ND	0.0050	1	06/21/2020 00:23
Carbon Disulfide	ND	0.0050	1	06/21/2020 00:23
Carbon Tetrachloride	ND	0.0050	1	06/21/2020 00:23
Chlorobenzene	ND	0.0050	1	06/21/2020 00:23
Chloroethane	ND	0.0050	1	06/21/2020 00:23
Chloroform	ND	0.0050	1	06/21/2020 00:23
Chloromethane	ND	0.0050	1	06/21/2020 00:23
2-Chlorotoluene	ND	0.0050	1	06/21/2020 00:23
4-Chlorotoluene	ND	0.0050	1	06/21/2020 00:23
Dibromochloromethane	ND	0.0050	1	06/21/2020 00:23
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/21/2020 00:23
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/21/2020 00:23
Dibromomethane	ND	0.0050	1	06/21/2020 00:23
1,2-Dichlorobenzene	ND	0.0050	1	06/21/2020 00:23
1,3-Dichlorobenzene	ND	0.0050	1	06/21/2020 00:23
1,4-Dichlorobenzene	ND	0.0050	1	06/21/2020 00:23
Dichlorodifluoromethane	ND	0.0050	1	06/21/2020 00:23
1,1-Dichloroethane	ND	0.0050	1	06/21/2020 00:23
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/21/2020 00:23
1,1-Dichloroethene	ND	0.00025	1	06/21/2020 00:23
cis-1,2-Dichloroethene	ND	0.0050	1	06/21/2020 00:23
trans-1,2-Dichloroethene	ND	0.0050	1	06/21/2020 00:23
1,2-Dichloropropane	ND	0.0050	1	06/21/2020 00:23
1,3-Dichloropropane	ND	0.0050	1	06/21/2020 00:23
2,2-Dichloropropane	ND	0.0050	1	06/21/2020 00:23

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC28 06202027.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/21/2020 00:23
cis-1,3-Dichloropropene	ND	0.0050	1	06/21/2020 00:23
trans-1,3-Dichloropropene	ND	0.0050	1	06/21/2020 00:23
Diisopropyl ether (DIPE)	ND	0.0050	1	06/21/2020 00:23
Ethylbenzene	ND	0.0050	1	06/21/2020 00:23
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/21/2020 00:23
Freon 113	ND	0.0050	1	06/21/2020 00:23
Hexachlorobutadiene	ND	0.0050	1	06/21/2020 00:23
Hexachloroethane	ND	0.0050	1	06/21/2020 00:23
2-Hexanone	ND	0.0050	1	06/21/2020 00:23
Isopropylbenzene	ND	0.0050	1	06/21/2020 00:23
4-Isopropyl toluene	ND	0.0050	1	06/21/2020 00:23
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/21/2020 00:23
Methylene chloride	ND	0.010	1	06/21/2020 00:23
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/21/2020 00:23
Naphthalene	ND	0.0050	1	06/21/2020 00:23
n-Propyl benzene	ND	0.0050	1	06/21/2020 00:23
Styrene	ND	0.0050	1	06/21/2020 00:23
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/21/2020 00:23
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/21/2020 00:23
Tetrachloroethene	ND	0.0010	1	06/21/2020 00:23
Toluene	ND	0.0050	1	06/21/2020 00:23
1,2,3-Trichlorobenzene	ND	0.0050	1	06/21/2020 00:23
1,2,4-Trichlorobenzene	ND	0.0050	1	06/21/2020 00:23
1,1,1-Trichloroethane	ND	0.0050	1	06/21/2020 00:23
1,1,2-Trichloroethane	ND	0.0050	1	06/21/2020 00:23
Trichloroethene	ND	0.0050	1	06/21/2020 00:23
Trichlorofluoromethane	ND	0.0050	1	06/21/2020 00:23
1,2,3-Trichloropropane	ND	0.00010	1	06/21/2020 00:23
1,2,4-Trimethylbenzene	ND	0.0050	1	06/21/2020 00:23
1,3,5-Trimethylbenzene	ND	0.0050	1	06/21/2020 00:23
Vinyl Chloride	ND	0.00025	1	06/21/2020 00:23
m,p-Xylene	ND	0.0050	1	06/21/2020 00:23
o-Xylene	ND	0.0050	1	06/21/2020 00:23
Xylenes, Total	ND	0.0050	1	06/21/2020 00:23

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC28 06202027.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	95	82-136		06/21/2020 00:23
Toluene-d8	99	92-139		06/21/2020 00:23
4-BFB	101	82-135		06/21/2020 00:23
Benzene-d6	95	55-122		06/21/2020 00:23
Ethylbenzene-d10	96	58-141		06/21/2020 00:23
1,2-DCB-d4	76	51-107		06/21/2020 00:23

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC28 06192028.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 01:51
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 01:51
Benzene	ND	0.0050	1	06/20/2020 01:51
Bromobenzene	ND	0.0050	1	06/20/2020 01:51
Bromochloromethane	ND	0.0050	1	06/20/2020 01:51
Bromodichloromethane	ND	0.0010	1	06/20/2020 01:51
Bromoform	ND	0.0050	1	06/20/2020 01:51
Bromomethane	ND	0.0050	1	06/20/2020 01:51
2-Butanone (MEK)	ND	0.020	1	06/20/2020 01:51
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 01:51
n-Butyl benzene	ND	0.0050	1	06/20/2020 01:51
sec-Butyl benzene	ND	0.0050	1	06/20/2020 01:51
tert-Butyl benzene	ND	0.0050	1	06/20/2020 01:51
Carbon Disulfide	ND	0.0050	1	06/20/2020 01:51
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 01:51
Chlorobenzene	ND	0.0050	1	06/20/2020 01:51
Chloroethane	ND	0.0050	1	06/20/2020 01:51
Chloroform	ND	0.0050	1	06/20/2020 01:51
Chloromethane	ND	0.0050	1	06/20/2020 01:51
2-Chlorotoluene	ND	0.0050	1	06/20/2020 01:51
4-Chlorotoluene	ND	0.0050	1	06/20/2020 01:51
Dibromochloromethane	ND	0.0050	1	06/20/2020 01:51
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 01:51
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 01:51
Dibromomethane	ND	0.0050	1	06/20/2020 01:51
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 01:51
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 01:51
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 01:51
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 01:51
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 01:51
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 01:51
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 01:51
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 01:51
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 01:51
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 01:51
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 01:51
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 01:51

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC28 06192028.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 01:51
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 01:51
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 01:51
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 01:51
Ethylbenzene	ND	0.0050	1	06/20/2020 01:51
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 01:51
Freon 113	ND	0.0050	1	06/20/2020 01:51
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 01:51
Hexachloroethane	ND	0.0050	1	06/20/2020 01:51
2-Hexanone	ND	0.0050	1	06/20/2020 01:51
Isopropylbenzene	ND	0.0050	1	06/20/2020 01:51
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 01:51
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 01:51
Methylene chloride	ND	0.010	1	06/20/2020 01:51
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 01:51
Naphthalene	ND	0.0050	1	06/20/2020 01:51
n-Propyl benzene	ND	0.0050	1	06/20/2020 01:51
Styrene	ND	0.0050	1	06/20/2020 01:51
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 01:51
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 01:51
Tetrachloroethene	ND	0.0010	1	06/20/2020 01:51
Toluene	ND	0.0050	1	06/20/2020 01:51
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 01:51
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 01:51
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 01:51
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 01:51
Trichloroethene	ND	0.0050	1	06/20/2020 01:51
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 01:51
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 01:51
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 01:51
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 01:51
Vinyl Chloride	ND	0.00025	1	06/20/2020 01:51
m,p-Xylene	ND	0.0050	1	06/20/2020 01:51
o-Xylene	ND	0.0050	1	06/20/2020 01:51
Xylenes, Total	ND	0.0050	1	06/20/2020 01:51

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC28 06192028.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	105		82-136	06/20/2020 01:51
Toluene-d8	100		92-139	06/20/2020 01:51
4-BFB	101		82-135	06/20/2020 01:51
Benzene-d6	103		55-122	06/20/2020 01:51
Ethylbenzene-d10	99		58-141	06/20/2020 01:51
1,2-DCB-d4	79		51-107	06/20/2020 01:51

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC28 06192029.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 02:31
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 02:31
Benzene	ND	0.0050	1	06/20/2020 02:31
Bromobenzene	ND	0.0050	1	06/20/2020 02:31
Bromochloromethane	ND	0.0050	1	06/20/2020 02:31
Bromodichloromethane	ND	0.0010	1	06/20/2020 02:31
Bromoform	ND	0.0050	1	06/20/2020 02:31
Bromomethane	ND	0.0050	1	06/20/2020 02:31
2-Butanone (MEK)	ND	0.020	1	06/20/2020 02:31
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 02:31
n-Butyl benzene	ND	0.0050	1	06/20/2020 02:31
sec-Butyl benzene	ND	0.0050	1	06/20/2020 02:31
tert-Butyl benzene	ND	0.0050	1	06/20/2020 02:31
Carbon Disulfide	ND	0.0050	1	06/20/2020 02:31
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 02:31
Chlorobenzene	ND	0.0050	1	06/20/2020 02:31
Chloroethane	ND	0.0050	1	06/20/2020 02:31
Chloroform	ND	0.0050	1	06/20/2020 02:31
Chloromethane	ND	0.0050	1	06/20/2020 02:31
2-Chlorotoluene	ND	0.0050	1	06/20/2020 02:31
4-Chlorotoluene	ND	0.0050	1	06/20/2020 02:31
Dibromochloromethane	ND	0.0050	1	06/20/2020 02:31
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 02:31
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 02:31
Dibromomethane	ND	0.0050	1	06/20/2020 02:31
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 02:31
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 02:31
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 02:31
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 02:31
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 02:31
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 02:31
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 02:31
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 02:31
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 02:31
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 02:31
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 02:31
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 02:31

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC28 06192029.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 02:31
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 02:31
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 02:31
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 02:31
Ethylbenzene	ND	0.0050	1	06/20/2020 02:31
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 02:31
Freon 113	ND	0.0050	1	06/20/2020 02:31
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 02:31
Hexachloroethane	ND	0.0050	1	06/20/2020 02:31
2-Hexanone	ND	0.0050	1	06/20/2020 02:31
Isopropylbenzene	ND	0.0050	1	06/20/2020 02:31
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 02:31
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 02:31
Methylene chloride	ND	0.010	1	06/20/2020 02:31
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 02:31
Naphthalene	ND	0.0050	1	06/20/2020 02:31
n-Propyl benzene	ND	0.0050	1	06/20/2020 02:31
Styrene	ND	0.0050	1	06/20/2020 02:31
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 02:31
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 02:31
Tetrachloroethene	ND	0.0010	1	06/20/2020 02:31
Toluene	ND	0.0050	1	06/20/2020 02:31
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 02:31
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 02:31
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 02:31
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 02:31
Trichloroethene	ND	0.0050	1	06/20/2020 02:31
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 02:31
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 02:31
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 02:31
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 02:31
Vinyl Chloride	ND	0.00025	1	06/20/2020 02:31
m,p-Xylene	ND	0.0050	1	06/20/2020 02:31
o-Xylene	ND	0.0050	1	06/20/2020 02:31
Xylenes, Total	ND	0.0050	1	06/20/2020 02:31

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC28 06192029.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	95		82-136	06/20/2020 02:31
Toluene-d8	99		92-139	06/20/2020 02:31
4-BFB	100		82-135	06/20/2020 02:31
Benzene-d6	86		55-122	06/20/2020 02:31
Ethylbenzene-d10	91		58-141	06/20/2020 02:31
1,2-DCB-d4	72		51-107	06/20/2020 02:31

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC28 06192030.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 03:12
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 03:12
Benzene	ND	0.0050	1	06/20/2020 03:12
Bromobenzene	ND	0.0050	1	06/20/2020 03:12
Bromochloromethane	ND	0.0050	1	06/20/2020 03:12
Bromodichloromethane	ND	0.0010	1	06/20/2020 03:12
Bromoform	ND	0.0050	1	06/20/2020 03:12
Bromomethane	ND	0.0050	1	06/20/2020 03:12
2-Butanone (MEK)	ND	0.020	1	06/20/2020 03:12
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 03:12
n-Butyl benzene	ND	0.0050	1	06/20/2020 03:12
sec-Butyl benzene	ND	0.0050	1	06/20/2020 03:12
tert-Butyl benzene	ND	0.0050	1	06/20/2020 03:12
Carbon Disulfide	ND	0.0050	1	06/20/2020 03:12
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 03:12
Chlorobenzene	ND	0.0050	1	06/20/2020 03:12
Chloroethane	ND	0.0050	1	06/20/2020 03:12
Chloroform	ND	0.0050	1	06/20/2020 03:12
Chloromethane	ND	0.0050	1	06/20/2020 03:12
2-Chlorotoluene	ND	0.0050	1	06/20/2020 03:12
4-Chlorotoluene	ND	0.0050	1	06/20/2020 03:12
Dibromochloromethane	ND	0.0050	1	06/20/2020 03:12
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 03:12
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 03:12
Dibromomethane	ND	0.0050	1	06/20/2020 03:12
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 03:12
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 03:12
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 03:12
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 03:12
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 03:12
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 03:12
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 03:12
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 03:12
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 03:12
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 03:12
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 03:12
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 03:12

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC28 06192030.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 03:12
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 03:12
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 03:12
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 03:12
Ethylbenzene	ND	0.0050	1	06/20/2020 03:12
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 03:12
Freon 113	ND	0.0050	1	06/20/2020 03:12
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 03:12
Hexachloroethane	ND	0.0050	1	06/20/2020 03:12
2-Hexanone	ND	0.0050	1	06/20/2020 03:12
Isopropylbenzene	ND	0.0050	1	06/20/2020 03:12
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 03:12
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 03:12
Methylene chloride	ND	0.010	1	06/20/2020 03:12
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 03:12
Naphthalene	ND	0.0050	1	06/20/2020 03:12
n-Propyl benzene	ND	0.0050	1	06/20/2020 03:12
Styrene	ND	0.0050	1	06/20/2020 03:12
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 03:12
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 03:12
Tetrachloroethene	ND	0.0010	1	06/20/2020 03:12
Toluene	ND	0.0050	1	06/20/2020 03:12
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 03:12
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 03:12
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 03:12
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 03:12
Trichloroethene	ND	0.0050	1	06/20/2020 03:12
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 03:12
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 03:12
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 03:12
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 03:12
Vinyl Chloride	ND	0.00025	1	06/20/2020 03:12
m,p-Xylene	ND	0.0050	1	06/20/2020 03:12
o-Xylene	ND	0.0050	1	06/20/2020 03:12
Xylenes, Total	ND	0.0050	1	06/20/2020 03:12

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC28 06192030.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	102	82-136		06/20/2020 03:12
Toluene-d8	100	92-139		06/20/2020 03:12
4-BFB	105	82-135		06/20/2020 03:12
Benzene-d6	103	55-122		06/20/2020 03:12
Ethylbenzene-d10	98	58-141		06/20/2020 03:12
1,2-DCB-d4	76	51-107		06/20/2020 03:12

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC28 06192031.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 03:53
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 03:53
Benzene	ND	0.0050	1	06/20/2020 03:53
Bromobenzene	ND	0.0050	1	06/20/2020 03:53
Bromochloromethane	ND	0.0050	1	06/20/2020 03:53
Bromodichloromethane	ND	0.0010	1	06/20/2020 03:53
Bromoform	ND	0.0050	1	06/20/2020 03:53
Bromomethane	ND	0.0050	1	06/20/2020 03:53
2-Butanone (MEK)	ND	0.020	1	06/20/2020 03:53
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 03:53
n-Butyl benzene	ND	0.0050	1	06/20/2020 03:53
sec-Butyl benzene	ND	0.0050	1	06/20/2020 03:53
tert-Butyl benzene	ND	0.0050	1	06/20/2020 03:53
Carbon Disulfide	ND	0.0050	1	06/20/2020 03:53
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 03:53
Chlorobenzene	ND	0.0050	1	06/20/2020 03:53
Chloroethane	ND	0.0050	1	06/20/2020 03:53
Chloroform	ND	0.0050	1	06/20/2020 03:53
Chloromethane	ND	0.0050	1	06/20/2020 03:53
2-Chlorotoluene	ND	0.0050	1	06/20/2020 03:53
4-Chlorotoluene	ND	0.0050	1	06/20/2020 03:53
Dibromochloromethane	ND	0.0050	1	06/20/2020 03:53
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 03:53
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 03:53
Dibromomethane	ND	0.0050	1	06/20/2020 03:53
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 03:53
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 03:53
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 03:53
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 03:53
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 03:53
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 03:53
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 03:53
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 03:53
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 03:53
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 03:53
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 03:53
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 03:53

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC28 06192031.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 03:53
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 03:53
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 03:53
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 03:53
Ethylbenzene	ND	0.0050	1	06/20/2020 03:53
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 03:53
Freon 113	ND	0.0050	1	06/20/2020 03:53
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 03:53
Hexachloroethane	ND	0.0050	1	06/20/2020 03:53
2-Hexanone	ND	0.0050	1	06/20/2020 03:53
Isopropylbenzene	ND	0.0050	1	06/20/2020 03:53
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 03:53
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 03:53
Methylene chloride	ND	0.010	1	06/20/2020 03:53
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 03:53
Naphthalene	ND	0.0050	1	06/20/2020 03:53
n-Propyl benzene	ND	0.0050	1	06/20/2020 03:53
Styrene	ND	0.0050	1	06/20/2020 03:53
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 03:53
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 03:53
Tetrachloroethene	ND	0.0010	1	06/20/2020 03:53
Toluene	ND	0.0050	1	06/20/2020 03:53
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 03:53
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 03:53
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 03:53
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 03:53
Trichloroethene	ND	0.0050	1	06/20/2020 03:53
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 03:53
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 03:53
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 03:53
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 03:53
Vinyl Chloride	ND	0.00025	1	06/20/2020 03:53
m,p-Xylene	ND	0.0050	1	06/20/2020 03:53
o-Xylene	ND	0.0050	1	06/20/2020 03:53
Xylenes, Total	ND	0.0050	1	06/20/2020 03:53

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC28 06192031.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	93	82-136		06/20/2020 03:53
Toluene-d8	100	92-139		06/20/2020 03:53
4-BFB	105	82-135		06/20/2020 03:53
Benzene-d6	88	55-122		06/20/2020 03:53
Ethylbenzene-d10	92	58-141		06/20/2020 03:53
1,2-DCB-d4	74	51-107		06/20/2020 03:53

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC28 06192032.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 04:33
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 04:33
Benzene	ND	0.0050	1	06/20/2020 04:33
Bromobenzene	ND	0.0050	1	06/20/2020 04:33
Bromochloromethane	ND	0.0050	1	06/20/2020 04:33
Bromodichloromethane	ND	0.0010	1	06/20/2020 04:33
Bromoform	ND	0.0050	1	06/20/2020 04:33
Bromomethane	ND	0.0050	1	06/20/2020 04:33
2-Butanone (MEK)	ND	0.020	1	06/20/2020 04:33
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 04:33
n-Butyl benzene	ND	0.0050	1	06/20/2020 04:33
sec-Butyl benzene	ND	0.0050	1	06/20/2020 04:33
tert-Butyl benzene	ND	0.0050	1	06/20/2020 04:33
Carbon Disulfide	ND	0.0050	1	06/20/2020 04:33
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 04:33
Chlorobenzene	ND	0.0050	1	06/20/2020 04:33
Chloroethane	ND	0.0050	1	06/20/2020 04:33
Chloroform	ND	0.0050	1	06/20/2020 04:33
Chloromethane	ND	0.0050	1	06/20/2020 04:33
2-Chlorotoluene	ND	0.0050	1	06/20/2020 04:33
4-Chlorotoluene	ND	0.0050	1	06/20/2020 04:33
Dibromochloromethane	ND	0.0050	1	06/20/2020 04:33
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 04:33
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 04:33
Dibromomethane	ND	0.0050	1	06/20/2020 04:33
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 04:33
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 04:33
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 04:33
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 04:33
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 04:33
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 04:33
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 04:33
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 04:33
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 04:33
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 04:33
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 04:33
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 04:33

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC28 06192032.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 04:33
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 04:33
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 04:33
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 04:33
Ethylbenzene	ND	0.0050	1	06/20/2020 04:33
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 04:33
Freon 113	ND	0.0050	1	06/20/2020 04:33
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 04:33
Hexachloroethane	ND	0.0050	1	06/20/2020 04:33
2-Hexanone	ND	0.0050	1	06/20/2020 04:33
Isopropylbenzene	ND	0.0050	1	06/20/2020 04:33
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 04:33
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 04:33
Methylene chloride	ND	0.010	1	06/20/2020 04:33
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 04:33
Naphthalene	ND	0.0050	1	06/20/2020 04:33
n-Propyl benzene	ND	0.0050	1	06/20/2020 04:33
Styrene	ND	0.0050	1	06/20/2020 04:33
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 04:33
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 04:33
Tetrachloroethene	ND	0.0010	1	06/20/2020 04:33
Toluene	ND	0.0050	1	06/20/2020 04:33
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 04:33
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 04:33
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 04:33
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 04:33
Trichloroethene	ND	0.0050	1	06/20/2020 04:33
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 04:33
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 04:33
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 04:33
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 04:33
Vinyl Chloride	ND	0.00025	1	06/20/2020 04:33
m,p-Xylene	ND	0.0050	1	06/20/2020 04:33
o-Xylene	ND	0.0050	1	06/20/2020 04:33
Xylenes, Total	ND	0.0050	1	06/20/2020 04:33

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC28 06192032.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	104		82-136	06/20/2020 04:33
Toluene-d8	100		92-139	06/20/2020 04:33
4-BFB	103		82-135	06/20/2020 04:33
Benzene-d6	103		55-122	06/20/2020 04:33
Ethylbenzene-d10	99		58-141	06/20/2020 04:33
1,2-DCB-d4	79		51-107	06/20/2020 04:33

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC28 06192033.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 05:14
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 05:14
Benzene	ND	0.0050	1	06/20/2020 05:14
Bromobenzene	ND	0.0050	1	06/20/2020 05:14
Bromochloromethane	ND	0.0050	1	06/20/2020 05:14
Bromodichloromethane	ND	0.0010	1	06/20/2020 05:14
Bromoform	ND	0.0050	1	06/20/2020 05:14
Bromomethane	ND	0.0050	1	06/20/2020 05:14
2-Butanone (MEK)	ND	0.020	1	06/20/2020 05:14
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 05:14
n-Butyl benzene	ND	0.0050	1	06/20/2020 05:14
sec-Butyl benzene	ND	0.0050	1	06/20/2020 05:14
tert-Butyl benzene	ND	0.0050	1	06/20/2020 05:14
Carbon Disulfide	ND	0.0050	1	06/20/2020 05:14
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 05:14
Chlorobenzene	ND	0.0050	1	06/20/2020 05:14
Chloroethane	ND	0.0050	1	06/20/2020 05:14
Chloroform	ND	0.0050	1	06/20/2020 05:14
Chloromethane	ND	0.0050	1	06/20/2020 05:14
2-Chlorotoluene	ND	0.0050	1	06/20/2020 05:14
4-Chlorotoluene	ND	0.0050	1	06/20/2020 05:14
Dibromochloromethane	ND	0.0050	1	06/20/2020 05:14
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 05:14
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 05:14
Dibromomethane	ND	0.0050	1	06/20/2020 05:14
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 05:14
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 05:14
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 05:14
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 05:14
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 05:14
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 05:14
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 05:14
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 05:14
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 05:14
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 05:14
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 05:14
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 05:14

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC28 06192033.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 05:14
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 05:14
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 05:14
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 05:14
Ethylbenzene	ND	0.0050	1	06/20/2020 05:14
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 05:14
Freon 113	ND	0.0050	1	06/20/2020 05:14
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 05:14
Hexachloroethane	ND	0.0050	1	06/20/2020 05:14
2-Hexanone	ND	0.0050	1	06/20/2020 05:14
Isopropylbenzene	ND	0.0050	1	06/20/2020 05:14
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 05:14
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 05:14
Methylene chloride	ND	0.010	1	06/20/2020 05:14
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 05:14
Naphthalene	ND	0.0050	1	06/20/2020 05:14
n-Propyl benzene	ND	0.0050	1	06/20/2020 05:14
Styrene	ND	0.0050	1	06/20/2020 05:14
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 05:14
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 05:14
Tetrachloroethene	ND	0.0010	1	06/20/2020 05:14
Toluene	ND	0.0050	1	06/20/2020 05:14
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 05:14
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 05:14
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 05:14
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 05:14
Trichloroethene	ND	0.0050	1	06/20/2020 05:14
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 05:14
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 05:14
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 05:14
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 05:14
Vinyl Chloride	ND	0.00025	1	06/20/2020 05:14
m,p-Xylene	ND	0.0050	1	06/20/2020 05:14
o-Xylene	ND	0.0050	1	06/20/2020 05:14
Xylenes, Total	ND	0.0050	1	06/20/2020 05:14

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC28 06192033.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	95	82-136		06/20/2020 05:14
Toluene-d8	101	92-139		06/20/2020 05:14
4-BFB	104	82-135		06/20/2020 05:14
Benzene-d6	96	55-122		06/20/2020 05:14
Ethylbenzene-d10	104	58-141		06/20/2020 05:14
1,2-DCB-d4	79	51-107		06/20/2020 05:14

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC28 06192034.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 05:55
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 05:55
Benzene	ND	0.0050	1	06/20/2020 05:55
Bromobenzene	ND	0.0050	1	06/20/2020 05:55
Bromochloromethane	ND	0.0050	1	06/20/2020 05:55
Bromodichloromethane	ND	0.0010	1	06/20/2020 05:55
Bromoform	ND	0.0050	1	06/20/2020 05:55
Bromomethane	ND	0.0050	1	06/20/2020 05:55
2-Butanone (MEK)	ND	0.020	1	06/20/2020 05:55
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 05:55
n-Butyl benzene	ND	0.0050	1	06/20/2020 05:55
sec-Butyl benzene	ND	0.0050	1	06/20/2020 05:55
tert-Butyl benzene	ND	0.0050	1	06/20/2020 05:55
Carbon Disulfide	ND	0.0050	1	06/20/2020 05:55
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 05:55
Chlorobenzene	ND	0.0050	1	06/20/2020 05:55
Chloroethane	ND	0.0050	1	06/20/2020 05:55
Chloroform	ND	0.0050	1	06/20/2020 05:55
Chloromethane	ND	0.0050	1	06/20/2020 05:55
2-Chlorotoluene	ND	0.0050	1	06/20/2020 05:55
4-Chlorotoluene	ND	0.0050	1	06/20/2020 05:55
Dibromochloromethane	ND	0.0050	1	06/20/2020 05:55
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 05:55
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 05:55
Dibromomethane	ND	0.0050	1	06/20/2020 05:55
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 05:55
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 05:55
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 05:55
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 05:55
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 05:55
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 05:55
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 05:55
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 05:55
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 05:55
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 05:55
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 05:55
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 05:55

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC28 06192034.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 05:55
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 05:55
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 05:55
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 05:55
Ethylbenzene	ND	0.0050	1	06/20/2020 05:55
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 05:55
Freon 113	ND	0.0050	1	06/20/2020 05:55
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 05:55
Hexachloroethane	ND	0.0050	1	06/20/2020 05:55
2-Hexanone	ND	0.0050	1	06/20/2020 05:55
Isopropylbenzene	ND	0.0050	1	06/20/2020 05:55
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 05:55
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 05:55
Methylene chloride	ND	0.010	1	06/20/2020 05:55
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 05:55
Naphthalene	ND	0.0050	1	06/20/2020 05:55
n-Propyl benzene	ND	0.0050	1	06/20/2020 05:55
Styrene	ND	0.0050	1	06/20/2020 05:55
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 05:55
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 05:55
Tetrachloroethene	ND	0.0010	1	06/20/2020 05:55
Toluene	ND	0.0050	1	06/20/2020 05:55
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 05:55
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 05:55
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 05:55
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 05:55
Trichloroethene	ND	0.0050	1	06/20/2020 05:55
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 05:55
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 05:55
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 05:55
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 05:55
Vinyl Chloride	ND	0.00025	1	06/20/2020 05:55
m,p-Xylene	ND	0.0050	1	06/20/2020 05:55
o-Xylene	ND	0.0050	1	06/20/2020 05:55
Xylenes, Total	ND	0.0050	1	06/20/2020 05:55

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC28 06192034.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	94		82-136	06/20/2020 05:55
Toluene-d8	101		92-139	06/20/2020 05:55
4-BFB	103		82-135	06/20/2020 05:55
Benzene-d6	96		55-122	06/20/2020 05:55
Ethylbenzene-d10	103		58-141	06/20/2020 05:55
1,2-DCB-d4	80		51-107	06/20/2020 05:55

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC28 06202005.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/20/2020 09:22
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/20/2020 09:22
Benzene	ND	0.0050	1	06/20/2020 09:22
Bromobenzene	ND	0.0050	1	06/20/2020 09:22
Bromochloromethane	ND	0.0050	1	06/20/2020 09:22
Bromodichloromethane	ND	0.0010	1	06/20/2020 09:22
Bromoform	ND	0.0050	1	06/20/2020 09:22
Bromomethane	ND	0.0050	1	06/20/2020 09:22
2-Butanone (MEK)	ND	0.020	1	06/20/2020 09:22
t-Butyl alcohol (TBA)	ND	0.050	1	06/20/2020 09:22
n-Butyl benzene	ND	0.0050	1	06/20/2020 09:22
sec-Butyl benzene	ND	0.0050	1	06/20/2020 09:22
tert-Butyl benzene	ND	0.0050	1	06/20/2020 09:22
Carbon Disulfide	ND	0.0050	1	06/20/2020 09:22
Carbon Tetrachloride	ND	0.0050	1	06/20/2020 09:22
Chlorobenzene	ND	0.0050	1	06/20/2020 09:22
Chloroethane	ND	0.0050	1	06/20/2020 09:22
Chloroform	ND	0.0050	1	06/20/2020 09:22
Chloromethane	ND	0.0050	1	06/20/2020 09:22
2-Chlorotoluene	ND	0.0050	1	06/20/2020 09:22
4-Chlorotoluene	ND	0.0050	1	06/20/2020 09:22
Dibromochloromethane	ND	0.0050	1	06/20/2020 09:22
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/20/2020 09:22
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/20/2020 09:22
Dibromomethane	ND	0.0050	1	06/20/2020 09:22
1,2-Dichlorobenzene	ND	0.0050	1	06/20/2020 09:22
1,3-Dichlorobenzene	ND	0.0050	1	06/20/2020 09:22
1,4-Dichlorobenzene	ND	0.0050	1	06/20/2020 09:22
Dichlorodifluoromethane	ND	0.0050	1	06/20/2020 09:22
1,1-Dichloroethane	ND	0.0050	1	06/20/2020 09:22
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/20/2020 09:22
1,1-Dichloroethene	ND	0.00025	1	06/20/2020 09:22
cis-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 09:22
trans-1,2-Dichloroethene	ND	0.0050	1	06/20/2020 09:22
1,2-Dichloropropane	ND	0.0050	1	06/20/2020 09:22
1,3-Dichloropropane	ND	0.0050	1	06/20/2020 09:22
2,2-Dichloropropane	ND	0.0050	1	06/20/2020 09:22

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC28 06202005.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/20/2020 09:22
cis-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 09:22
trans-1,3-Dichloropropene	ND	0.0050	1	06/20/2020 09:22
Diisopropyl ether (DIPE)	ND	0.0050	1	06/20/2020 09:22
Ethylbenzene	ND	0.0050	1	06/20/2020 09:22
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/20/2020 09:22
Freon 113	ND	0.0050	1	06/20/2020 09:22
Hexachlorobutadiene	ND	0.0050	1	06/20/2020 09:22
Hexachloroethane	ND	0.0050	1	06/20/2020 09:22
2-Hexanone	ND	0.0050	1	06/20/2020 09:22
Isopropylbenzene	ND	0.0050	1	06/20/2020 09:22
4-Isopropyl toluene	ND	0.0050	1	06/20/2020 09:22
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/20/2020 09:22
Methylene chloride	ND	0.010	1	06/20/2020 09:22
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/20/2020 09:22
Naphthalene	ND	0.0050	1	06/20/2020 09:22
n-Propyl benzene	ND	0.0050	1	06/20/2020 09:22
Styrene	ND	0.0050	1	06/20/2020 09:22
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/20/2020 09:22
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/20/2020 09:22
Tetrachloroethene	ND	0.0010	1	06/20/2020 09:22
Toluene	ND	0.0050	1	06/20/2020 09:22
1,2,3-Trichlorobenzene	ND	0.0050	1	06/20/2020 09:22
1,2,4-Trichlorobenzene	ND	0.0050	1	06/20/2020 09:22
1,1,1-Trichloroethane	ND	0.0050	1	06/20/2020 09:22
1,1,2-Trichloroethane	ND	0.0050	1	06/20/2020 09:22
Trichloroethene	ND	0.0050	1	06/20/2020 09:22
Trichlorofluoromethane	ND	0.0050	1	06/20/2020 09:22
1,2,3-Trichloropropane	ND	0.00010	1	06/20/2020 09:22
1,2,4-Trimethylbenzene	ND	0.0050	1	06/20/2020 09:22
1,3,5-Trimethylbenzene	ND	0.0050	1	06/20/2020 09:22
Vinyl Chloride	ND	0.00025	1	06/20/2020 09:22
m,p-Xylene	ND	0.0050	1	06/20/2020 09:22
o-Xylene	ND	0.0050	1	06/20/2020 09:22
Xylenes, Total	ND	0.0050	1	06/20/2020 09:22

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC28 06202005.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	93		82-136	06/20/2020 09:22
Toluene-d8	100		92-139	06/20/2020 09:22
4-BFB	103		82-135	06/20/2020 09:22
Benzene-d6	91		55-122	06/20/2020 09:22
Ethylbenzene-d10	95		58-141	06/20/2020 09:22
1,2-DCB-d4	76		51-107	06/20/2020 09:22

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33		GC18 06192032.D	200074
Analytes	Result	Qualifiers	RL	DF	Date Analyzed	
Acetone	ND		0.10	1	06/20/2020 04:02	
tert-Amyl methyl ether (TAME)	ND		0.0050	1	06/20/2020 04:02	
Benzene	ND		0.0050	1	06/20/2020 04:02	
Bromobenzene	ND		0.0050	1	06/20/2020 04:02	
Bromochloromethane	ND		0.0050	1	06/20/2020 04:02	
Bromodichloromethane	ND		0.0010	1	06/20/2020 04:02	
Bromoform	ND		0.0050	1	06/20/2020 04:02	
Bromomethane	ND		0.0050	1	06/20/2020 04:02	
2-Butanone (MEK)	ND		0.020	1	06/20/2020 04:02	
t-Butyl alcohol (TBA)	ND		0.050	1	06/20/2020 04:02	
n-Butyl benzene	ND		0.0050	1	06/20/2020 04:02	
sec-Butyl benzene	ND		0.0050	1	06/20/2020 04:02	
tert-Butyl benzene	ND		0.0050	1	06/20/2020 04:02	
Carbon Disulfide	ND		0.0050	1	06/20/2020 04:02	
Carbon Tetrachloride	ND		0.0050	1	06/20/2020 04:02	
Chlorobenzene	ND		0.0050	1	06/20/2020 04:02	
Chloroethane	ND		0.0050	1	06/20/2020 04:02	
Chloroform	ND		0.0050	1	06/20/2020 04:02	
Chloromethane	ND		0.0050	1	06/20/2020 04:02	
2-Chlorotoluene	ND		0.0050	1	06/20/2020 04:02	
4-Chlorotoluene	ND		0.0050	1	06/20/2020 04:02	
Dibromochloromethane	ND		0.0050	1	06/20/2020 04:02	
1,2-Dibromo-3-chloropropane	ND		0.00025	1	06/20/2020 04:02	
1,2-Dibromoethane (EDB)	0.00011	B	0.00010	1	06/20/2020 04:02	
Dibromomethane	ND		0.0050	1	06/20/2020 04:02	
1,2-Dichlorobenzene	ND		0.0050	1	06/20/2020 04:02	
1,3-Dichlorobenzene	ND		0.0050	1	06/20/2020 04:02	
1,4-Dichlorobenzene	ND		0.0050	1	06/20/2020 04:02	
Dichlorodifluoromethane	ND		0.0050	1	06/20/2020 04:02	
1,1-Dichloroethane	ND		0.0050	1	06/20/2020 04:02	
1,2-Dichloroethane (1,2-DCA)	ND		0.00025	1	06/20/2020 04:02	
1,1-Dichloroethene	ND		0.00025	1	06/20/2020 04:02	
cis-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 04:02	
trans-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 04:02	
1,2-Dichloropropane	ND		0.0050	1	06/20/2020 04:02	
1,3-Dichloropropane	ND		0.0050	1	06/20/2020 04:02	
2,2-Dichloropropane	ND		0.0050	1	06/20/2020 04:02	

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC18 06192032.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0050	1	06/20/2020 04:02
cis-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 04:02
trans-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 04:02
Diisopropyl ether (DIPE)	ND		0.0050	1	06/20/2020 04:02
Ethylbenzene	ND		0.0050	1	06/20/2020 04:02
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	06/20/2020 04:02
Freon 113	ND		0.0050	1	06/20/2020 04:02
Hexachlorobutadiene	ND		0.0050	1	06/20/2020 04:02
Hexachloroethane	ND		0.0050	1	06/20/2020 04:02
2-Hexanone	ND		0.0050	1	06/20/2020 04:02
Isopropylbenzene	ND		0.0050	1	06/20/2020 04:02
4-Isopropyl toluene	ND		0.0050	1	06/20/2020 04:02
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	06/20/2020 04:02
Methylene chloride	ND		0.010	1	06/20/2020 04:02
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	06/20/2020 04:02
Naphthalene	ND		0.0050	1	06/20/2020 04:02
n-Propyl benzene	ND		0.0050	1	06/20/2020 04:02
Styrene	ND		0.0050	1	06/20/2020 04:02
1,1,1,2-Tetrachloroethane	ND		0.0050	1	06/20/2020 04:02
1,1,2,2-Tetrachloroethane	ND		0.00025	1	06/20/2020 04:02
Tetrachloroethene	ND		0.0010	1	06/20/2020 04:02
Toluene	ND		0.0050	1	06/20/2020 04:02
1,2,3-Trichlorobenzene	ND		0.0050	1	06/20/2020 04:02
1,2,4-Trichlorobenzene	ND		0.0050	1	06/20/2020 04:02
1,1,1-Trichloroethane	ND		0.0050	1	06/20/2020 04:02
1,1,2-Trichloroethane	ND		0.0050	1	06/20/2020 04:02
Trichloroethene	ND		0.0050	1	06/20/2020 04:02
Trichlorofluoromethane	ND		0.0050	1	06/20/2020 04:02
1,2,3-Trichloropropane	ND		0.00010	1	06/20/2020 04:02
1,2,4-Trimethylbenzene	ND		0.0050	1	06/20/2020 04:02
1,3,5-Trimethylbenzene	ND		0.0050	1	06/20/2020 04:02
Vinyl Chloride	ND		0.00025	1	06/20/2020 04:02
m,p-Xylene	ND		0.0050	1	06/20/2020 04:02
o-Xylene	ND		0.0050	1	06/20/2020 04:02
Xylenes, Total	ND		0.0050	1	06/20/2020 04:02

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC18 06192032.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Dibromofluoromethane	89		82-136		06/20/2020 04:02
Toluene-d8	95		92-139		06/20/2020 04:02
4-BFB	98		82-135		06/20/2020 04:02
Benzene-d6	85		55-122		06/20/2020 04:02
Ethylbenzene-d10	90		58-141		06/20/2020 04:02
1,2-DCB-d4	70		51-107		06/20/2020 04:02

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC18 06192033.D	200074
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Acetone	ND		0.10	1	06/20/2020 04:42
tert-Amyl methyl ether (TAME)	ND		0.0050	1	06/20/2020 04:42
Benzene	ND		0.0050	1	06/20/2020 04:42
Bromobenzene	ND		0.0050	1	06/20/2020 04:42
Bromochloromethane	ND		0.0050	1	06/20/2020 04:42
Bromodichloromethane	ND		0.0010	1	06/20/2020 04:42
Bromoform	ND		0.0050	1	06/20/2020 04:42
Bromomethane	ND		0.0050	1	06/20/2020 04:42
2-Butanone (MEK)	ND		0.020	1	06/20/2020 04:42
t-Butyl alcohol (TBA)	ND		0.050	1	06/20/2020 04:42
n-Butyl benzene	ND		0.0050	1	06/20/2020 04:42
sec-Butyl benzene	ND		0.0050	1	06/20/2020 04:42
tert-Butyl benzene	ND		0.0050	1	06/20/2020 04:42
Carbon Disulfide	ND		0.0050	1	06/20/2020 04:42
Carbon Tetrachloride	ND		0.0050	1	06/20/2020 04:42
Chlorobenzene	ND		0.0050	1	06/20/2020 04:42
Chloroethane	ND		0.0050	1	06/20/2020 04:42
Chloroform	ND		0.0050	1	06/20/2020 04:42
Chloromethane	ND		0.0050	1	06/20/2020 04:42
2-Chlorotoluene	ND		0.0050	1	06/20/2020 04:42
4-Chlorotoluene	ND		0.0050	1	06/20/2020 04:42
Dibromochloromethane	ND		0.0050	1	06/20/2020 04:42
1,2-Dibromo-3-chloropropane	ND		0.00025	1	06/20/2020 04:42
1,2-Dibromoethane (EDB)	0.00011	B	0.00010	1	06/20/2020 04:42
Dibromomethane	ND		0.0050	1	06/20/2020 04:42
1,2-Dichlorobenzene	ND		0.0050	1	06/20/2020 04:42
1,3-Dichlorobenzene	ND		0.0050	1	06/20/2020 04:42
1,4-Dichlorobenzene	ND		0.0050	1	06/20/2020 04:42
Dichlorodifluoromethane	ND		0.0050	1	06/20/2020 04:42
1,1-Dichloroethane	ND		0.0050	1	06/20/2020 04:42
1,2-Dichloroethane (1,2-DCA)	ND		0.00025	1	06/20/2020 04:42
1,1-Dichloroethene	ND		0.00025	1	06/20/2020 04:42
cis-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 04:42
trans-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 04:42
1,2-Dichloropropane	ND		0.0050	1	06/20/2020 04:42
1,3-Dichloropropane	ND		0.0050	1	06/20/2020 04:42
2,2-Dichloropropane	ND		0.0050	1	06/20/2020 04:42

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC18 06192033.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0050	1	06/20/2020 04:42
cis-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 04:42
trans-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 04:42
Diisopropyl ether (DIPE)	ND		0.0050	1	06/20/2020 04:42
Ethylbenzene	ND		0.0050	1	06/20/2020 04:42
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	06/20/2020 04:42
Freon 113	ND		0.0050	1	06/20/2020 04:42
Hexachlorobutadiene	ND		0.0050	1	06/20/2020 04:42
Hexachloroethane	ND		0.0050	1	06/20/2020 04:42
2-Hexanone	ND		0.0050	1	06/20/2020 04:42
Isopropylbenzene	ND		0.0050	1	06/20/2020 04:42
4-Isopropyl toluene	ND		0.0050	1	06/20/2020 04:42
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	06/20/2020 04:42
Methylene chloride	ND		0.010	1	06/20/2020 04:42
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	06/20/2020 04:42
Naphthalene	ND		0.0050	1	06/20/2020 04:42
n-Propyl benzene	ND		0.0050	1	06/20/2020 04:42
Styrene	ND		0.0050	1	06/20/2020 04:42
1,1,1,2-Tetrachloroethane	ND		0.0050	1	06/20/2020 04:42
1,1,2,2-Tetrachloroethane	ND		0.00025	1	06/20/2020 04:42
Tetrachloroethene	ND		0.0010	1	06/20/2020 04:42
Toluene	ND		0.0050	1	06/20/2020 04:42
1,2,3-Trichlorobenzene	ND		0.0050	1	06/20/2020 04:42
1,2,4-Trichlorobenzene	ND		0.0050	1	06/20/2020 04:42
1,1,1-Trichloroethane	ND		0.0050	1	06/20/2020 04:42
1,1,2-Trichloroethane	ND		0.0050	1	06/20/2020 04:42
Trichloroethene	ND		0.0050	1	06/20/2020 04:42
Trichlorofluoromethane	ND		0.0050	1	06/20/2020 04:42
1,2,3-Trichloropropane	ND		0.00010	1	06/20/2020 04:42
1,2,4-Trimethylbenzene	ND		0.0050	1	06/20/2020 04:42
1,3,5-Trimethylbenzene	ND		0.0050	1	06/20/2020 04:42
Vinyl Chloride	ND		0.00025	1	06/20/2020 04:42
m,p-Xylene	ND		0.0050	1	06/20/2020 04:42
o-Xylene	ND		0.0050	1	06/20/2020 04:42
Xylenes, Total	ND		0.0050	1	06/20/2020 04:42

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC18 06192033.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Dibromofluoromethane	88		82-136		06/20/2020 04:42
Toluene-d8	95		92-139		06/20/2020 04:42
4-BFB	98		82-135		06/20/2020 04:42
Benzene-d6	89		55-122		06/20/2020 04:42
Ethylbenzene-d10	93		58-141		06/20/2020 04:42
1,2-DCB-d4	75		51-107		06/20/2020 04:42

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC18 06192034.D	200074
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Acetone	ND		0.10	1	06/20/2020 05:22
tert-Amyl methyl ether (TAME)	ND		0.0050	1	06/20/2020 05:22
Benzene	ND		0.0050	1	06/20/2020 05:22
Bromobenzene	ND		0.0050	1	06/20/2020 05:22
Bromochloromethane	ND		0.0050	1	06/20/2020 05:22
Bromodichloromethane	ND		0.0010	1	06/20/2020 05:22
Bromoform	ND		0.0050	1	06/20/2020 05:22
Bromomethane	ND		0.0050	1	06/20/2020 05:22
2-Butanone (MEK)	ND		0.020	1	06/20/2020 05:22
t-Butyl alcohol (TBA)	ND		0.050	1	06/20/2020 05:22
n-Butyl benzene	ND		0.0050	1	06/20/2020 05:22
sec-Butyl benzene	ND		0.0050	1	06/20/2020 05:22
tert-Butyl benzene	ND		0.0050	1	06/20/2020 05:22
Carbon Disulfide	ND		0.0050	1	06/20/2020 05:22
Carbon Tetrachloride	ND		0.0050	1	06/20/2020 05:22
Chlorobenzene	ND		0.0050	1	06/20/2020 05:22
Chloroethane	ND		0.0050	1	06/20/2020 05:22
Chloroform	ND		0.0050	1	06/20/2020 05:22
Chloromethane	ND		0.0050	1	06/20/2020 05:22
2-Chlorotoluene	ND		0.0050	1	06/20/2020 05:22
4-Chlorotoluene	ND		0.0050	1	06/20/2020 05:22
Dibromochloromethane	ND		0.0050	1	06/20/2020 05:22
1,2-Dibromo-3-chloropropane	ND		0.00025	1	06/20/2020 05:22
1,2-Dibromoethane (EDB)	0.00011	B	0.00010	1	06/20/2020 05:22
Dibromomethane	ND		0.0050	1	06/20/2020 05:22
1,2-Dichlorobenzene	ND		0.0050	1	06/20/2020 05:22
1,3-Dichlorobenzene	ND		0.0050	1	06/20/2020 05:22
1,4-Dichlorobenzene	ND		0.0050	1	06/20/2020 05:22
Dichlorodifluoromethane	ND		0.0050	1	06/20/2020 05:22
1,1-Dichloroethane	ND		0.0050	1	06/20/2020 05:22
1,2-Dichloroethane (1,2-DCA)	ND		0.00025	1	06/20/2020 05:22
1,1-Dichloroethene	ND		0.00025	1	06/20/2020 05:22
cis-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 05:22
trans-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 05:22
1,2-Dichloropropane	ND		0.0050	1	06/20/2020 05:22
1,3-Dichloropropane	ND		0.0050	1	06/20/2020 05:22
2,2-Dichloropropane	ND		0.0050	1	06/20/2020 05:22

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC18 06192034.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0050	1	06/20/2020 05:22
cis-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 05:22
trans-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 05:22
Diisopropyl ether (DIPE)	ND		0.0050	1	06/20/2020 05:22
Ethylbenzene	ND		0.0050	1	06/20/2020 05:22
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	06/20/2020 05:22
Freon 113	ND		0.0050	1	06/20/2020 05:22
Hexachlorobutadiene	ND		0.0050	1	06/20/2020 05:22
Hexachloroethane	ND		0.0050	1	06/20/2020 05:22
2-Hexanone	ND		0.0050	1	06/20/2020 05:22
Isopropylbenzene	ND		0.0050	1	06/20/2020 05:22
4-Isopropyl toluene	ND		0.0050	1	06/20/2020 05:22
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	06/20/2020 05:22
Methylene chloride	ND		0.010	1	06/20/2020 05:22
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	06/20/2020 05:22
Naphthalene	ND		0.0050	1	06/20/2020 05:22
n-Propyl benzene	ND		0.0050	1	06/20/2020 05:22
Styrene	ND		0.0050	1	06/20/2020 05:22
1,1,1,2-Tetrachloroethane	ND		0.0050	1	06/20/2020 05:22
1,1,2,2-Tetrachloroethane	ND		0.00025	1	06/20/2020 05:22
Tetrachloroethene	ND		0.0010	1	06/20/2020 05:22
Toluene	ND		0.0050	1	06/20/2020 05:22
1,2,3-Trichlorobenzene	ND		0.0050	1	06/20/2020 05:22
1,2,4-Trichlorobenzene	ND		0.0050	1	06/20/2020 05:22
1,1,1-Trichloroethane	ND		0.0050	1	06/20/2020 05:22
1,1,2-Trichloroethane	ND		0.0050	1	06/20/2020 05:22
Trichloroethene	ND		0.0050	1	06/20/2020 05:22
Trichlorofluoromethane	ND		0.0050	1	06/20/2020 05:22
1,2,3-Trichloropropane	ND		0.00010	1	06/20/2020 05:22
1,2,4-Trimethylbenzene	ND		0.0050	1	06/20/2020 05:22
1,3,5-Trimethylbenzene	ND		0.0050	1	06/20/2020 05:22
Vinyl Chloride	ND		0.00025	1	06/20/2020 05:22
m,p-Xylene	ND		0.0050	1	06/20/2020 05:22
o-Xylene	ND		0.0050	1	06/20/2020 05:22
Xylenes, Total	ND		0.0050	1	06/20/2020 05:22

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC18 06192034.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Dibromofluoromethane	88		82-136		06/20/2020 05:22
Toluene-d8	96		92-139		06/20/2020 05:22
4-BFB	100		82-135		06/20/2020 05:22
Benzene-d6	91		55-122		06/20/2020 05:22
Ethylbenzene-d10	95		58-141		06/20/2020 05:22
1,2-DCB-d4	78		51-107		06/20/2020 05:22

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12		GC18 06192035.D	200074
Analytes	Result	Qualifiers	RL	DF	Date Analyzed	
Acetone	ND		0.10	1	06/20/2020 06:01	
tert-Amyl methyl ether (TAME)	ND		0.0050	1	06/20/2020 06:01	
Benzene	ND		0.0050	1	06/20/2020 06:01	
Bromobenzene	ND		0.0050	1	06/20/2020 06:01	
Bromochloromethane	ND		0.0050	1	06/20/2020 06:01	
Bromodichloromethane	ND		0.0010	1	06/20/2020 06:01	
Bromoform	ND		0.0050	1	06/20/2020 06:01	
Bromomethane	ND		0.0050	1	06/20/2020 06:01	
2-Butanone (MEK)	ND		0.020	1	06/20/2020 06:01	
t-Butyl alcohol (TBA)	ND		0.050	1	06/20/2020 06:01	
n-Butyl benzene	ND		0.0050	1	06/20/2020 06:01	
sec-Butyl benzene	ND		0.0050	1	06/20/2020 06:01	
tert-Butyl benzene	ND		0.0050	1	06/20/2020 06:01	
Carbon Disulfide	ND		0.0050	1	06/20/2020 06:01	
Carbon Tetrachloride	ND		0.0050	1	06/20/2020 06:01	
Chlorobenzene	ND		0.0050	1	06/20/2020 06:01	
Chloroethane	ND		0.0050	1	06/20/2020 06:01	
Chloroform	ND		0.0050	1	06/20/2020 06:01	
Chloromethane	ND		0.0050	1	06/20/2020 06:01	
2-Chlorotoluene	ND		0.0050	1	06/20/2020 06:01	
4-Chlorotoluene	ND		0.0050	1	06/20/2020 06:01	
Dibromochloromethane	ND		0.0050	1	06/20/2020 06:01	
1,2-Dibromo-3-chloropropane	ND		0.00025	1	06/20/2020 06:01	
1,2-Dibromoethane (EDB)	0.00011	B	0.00010	1	06/20/2020 06:01	
Dibromomethane	ND		0.0050	1	06/20/2020 06:01	
1,2-Dichlorobenzene	ND		0.0050	1	06/20/2020 06:01	
1,3-Dichlorobenzene	ND		0.0050	1	06/20/2020 06:01	
1,4-Dichlorobenzene	ND		0.0050	1	06/20/2020 06:01	
Dichlorodifluoromethane	ND		0.0050	1	06/20/2020 06:01	
1,1-Dichloroethane	ND		0.0050	1	06/20/2020 06:01	
1,2-Dichloroethane (1,2-DCA)	ND		0.00025	1	06/20/2020 06:01	
1,1-Dichloroethene	ND		0.00025	1	06/20/2020 06:01	
cis-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 06:01	
trans-1,2-Dichloroethene	ND		0.0050	1	06/20/2020 06:01	
1,2-Dichloropropane	ND		0.0050	1	06/20/2020 06:01	
1,3-Dichloropropane	ND		0.0050	1	06/20/2020 06:01	
2,2-Dichloropropane	ND		0.0050	1	06/20/2020 06:01	

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC18 06192035.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND		0.0050	1	06/20/2020 06:01
cis-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 06:01
trans-1,3-Dichloropropene	ND		0.0050	1	06/20/2020 06:01
Diisopropyl ether (DIPE)	ND		0.0050	1	06/20/2020 06:01
Ethylbenzene	ND		0.0050	1	06/20/2020 06:01
Ethyl tert-butyl ether (ETBE)	ND		0.0050	1	06/20/2020 06:01
Freon 113	ND		0.0050	1	06/20/2020 06:01
Hexachlorobutadiene	ND		0.0050	1	06/20/2020 06:01
Hexachloroethane	ND		0.0050	1	06/20/2020 06:01
2-Hexanone	ND		0.0050	1	06/20/2020 06:01
Isopropylbenzene	ND		0.0050	1	06/20/2020 06:01
4-Isopropyl toluene	ND		0.0050	1	06/20/2020 06:01
Methyl-t-butyl ether (MTBE)	ND		0.0050	1	06/20/2020 06:01
Methylene chloride	ND		0.010	1	06/20/2020 06:01
4-Methyl-2-pentanone (MIBK)	ND		0.0050	1	06/20/2020 06:01
Naphthalene	ND		0.0050	1	06/20/2020 06:01
n-Propyl benzene	ND		0.0050	1	06/20/2020 06:01
Styrene	ND		0.0050	1	06/20/2020 06:01
1,1,1,2-Tetrachloroethane	ND		0.0050	1	06/20/2020 06:01
1,1,2,2-Tetrachloroethane	ND		0.00025	1	06/20/2020 06:01
Tetrachloroethene	ND		0.0010	1	06/20/2020 06:01
Toluene	ND		0.0050	1	06/20/2020 06:01
1,2,3-Trichlorobenzene	ND		0.0050	1	06/20/2020 06:01
1,2,4-Trichlorobenzene	ND		0.0050	1	06/20/2020 06:01
1,1,1-Trichloroethane	ND		0.0050	1	06/20/2020 06:01
1,1,2-Trichloroethane	ND		0.0050	1	06/20/2020 06:01
Trichloroethene	ND		0.0050	1	06/20/2020 06:01
Trichlorofluoromethane	ND		0.0050	1	06/20/2020 06:01
1,2,3-Trichloropropane	ND		0.00010	1	06/20/2020 06:01
1,2,4-Trimethylbenzene	ND		0.0050	1	06/20/2020 06:01
1,3,5-Trimethylbenzene	ND		0.0050	1	06/20/2020 06:01
Vinyl Chloride	ND		0.00025	1	06/20/2020 06:01
m,p-Xylene	ND		0.0050	1	06/20/2020 06:01
o-Xylene	ND		0.0050	1	06/20/2020 06:01
Xylenes, Total	ND		0.0050	1	06/20/2020 06:01

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC18 06192035.D	200074

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Dibromofluoromethane	87		82-136		06/20/2020 06:01
Toluene-d8	97		92-139		06/20/2020 06:01
4-BFB	99		82-135		06/20/2020 06:01
Benzene-d6	92		55-122		06/20/2020 06:01
Ethylbenzene-d10	97		58-141		06/20/2020 06:01
1,2-DCB-d4	77		51-107		06/20/2020 06:01

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC38 06192025.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/19/2020 22:16
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/19/2020 22:16
Benzene	ND	0.0050	1	06/19/2020 22:16
Bromobenzene	ND	0.0050	1	06/19/2020 22:16
Bromochloromethane	ND	0.0050	1	06/19/2020 22:16
Bromodichloromethane	ND	0.0010	1	06/19/2020 22:16
Bromoform	ND	0.0050	1	06/19/2020 22:16
Bromomethane	ND	0.0050	1	06/19/2020 22:16
2-Butanone (MEK)	ND	0.020	1	06/19/2020 22:16
t-Butyl alcohol (TBA)	ND	0.050	1	06/19/2020 22:16
n-Butyl benzene	ND	0.0050	1	06/19/2020 22:16
sec-Butyl benzene	ND	0.0050	1	06/19/2020 22:16
tert-Butyl benzene	ND	0.0050	1	06/19/2020 22:16
Carbon Disulfide	ND	0.0050	1	06/19/2020 22:16
Carbon Tetrachloride	ND	0.0050	1	06/19/2020 22:16
Chlorobenzene	ND	0.0050	1	06/19/2020 22:16
Chloroethane	ND	0.0050	1	06/19/2020 22:16
Chloroform	ND	0.0050	1	06/19/2020 22:16
Chloromethane	ND	0.0050	1	06/19/2020 22:16
2-Chlorotoluene	ND	0.0050	1	06/19/2020 22:16
4-Chlorotoluene	ND	0.0050	1	06/19/2020 22:16
Dibromochloromethane	ND	0.0050	1	06/19/2020 22:16
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/19/2020 22:16
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/19/2020 22:16
Dibromomethane	ND	0.0050	1	06/19/2020 22:16
1,2-Dichlorobenzene	ND	0.0050	1	06/19/2020 22:16
1,3-Dichlorobenzene	ND	0.0050	1	06/19/2020 22:16
1,4-Dichlorobenzene	ND	0.0050	1	06/19/2020 22:16
Dichlorodifluoromethane	ND	0.0050	1	06/19/2020 22:16
1,1-Dichloroethane	ND	0.0050	1	06/19/2020 22:16
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/19/2020 22:16
1,1-Dichloroethene	ND	0.00025	1	06/19/2020 22:16
cis-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 22:16
trans-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 22:16
1,2-Dichloropropane	ND	0.0050	1	06/19/2020 22:16
1,3-Dichloropropane	ND	0.0050	1	06/19/2020 22:16
2,2-Dichloropropane	ND	0.0050	1	06/19/2020 22:16

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC38 06192025.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/19/2020 22:16
cis-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 22:16
trans-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 22:16
Diisopropyl ether (DIPE)	ND	0.0050	1	06/19/2020 22:16
Ethylbenzene	ND	0.0050	1	06/19/2020 22:16
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/19/2020 22:16
Freon 113	ND	0.0050	1	06/19/2020 22:16
Hexachlorobutadiene	ND	0.0050	1	06/19/2020 22:16
Hexachloroethane	ND	0.0050	1	06/19/2020 22:16
2-Hexanone	ND	0.0050	1	06/19/2020 22:16
Isopropylbenzene	ND	0.0050	1	06/19/2020 22:16
4-Isopropyl toluene	ND	0.0050	1	06/19/2020 22:16
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/19/2020 22:16
Methylene chloride	ND	0.010	1	06/19/2020 22:16
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/19/2020 22:16
Naphthalene	ND	0.0050	1	06/19/2020 22:16
n-Propyl benzene	ND	0.0050	1	06/19/2020 22:16
Styrene	ND	0.0050	1	06/19/2020 22:16
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/19/2020 22:16
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/19/2020 22:16
Tetrachloroethene	ND	0.0010	1	06/19/2020 22:16
Toluene	ND	0.0050	1	06/19/2020 22:16
1,2,3-Trichlorobenzene	ND	0.0050	1	06/19/2020 22:16
1,2,4-Trichlorobenzene	ND	0.0050	1	06/19/2020 22:16
1,1,1-Trichloroethane	ND	0.0050	1	06/19/2020 22:16
1,1,2-Trichloroethane	ND	0.0050	1	06/19/2020 22:16
Trichloroethene	ND	0.0050	1	06/19/2020 22:16
Trichlorofluoromethane	ND	0.0050	1	06/19/2020 22:16
1,2,3-Trichloropropane	ND	0.00010	1	06/19/2020 22:16
1,2,4-Trimethylbenzene	ND	0.0050	1	06/19/2020 22:16
1,3,5-Trimethylbenzene	ND	0.0050	1	06/19/2020 22:16
Vinyl Chloride	ND	0.00025	1	06/19/2020 22:16
m,p-Xylene	ND	0.0050	1	06/19/2020 22:16
o-Xylene	ND	0.0050	1	06/19/2020 22:16
Xylenes, Total	ND	0.0050	1	06/19/2020 22:16

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC38 06192025.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	97	82-136		06/19/2020 22:16
Toluene-d8	103	92-139		06/19/2020 22:16
4-BFB	96	82-135		06/19/2020 22:16
Benzene-d6	93	55-122		06/19/2020 22:16
Ethylbenzene-d10	94	58-141		06/19/2020 22:16
1,2-DCB-d4	77	51-107		06/19/2020 22:16

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC38 06192026.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/19/2020 22:54
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/19/2020 22:54
Benzene	ND	0.0050	1	06/19/2020 22:54
Bromobenzene	ND	0.0050	1	06/19/2020 22:54
Bromochloromethane	ND	0.0050	1	06/19/2020 22:54
Bromodichloromethane	ND	0.0010	1	06/19/2020 22:54
Bromoform	ND	0.0050	1	06/19/2020 22:54
Bromomethane	ND	0.0050	1	06/19/2020 22:54
2-Butanone (MEK)	ND	0.020	1	06/19/2020 22:54
t-Butyl alcohol (TBA)	ND	0.050	1	06/19/2020 22:54
n-Butyl benzene	ND	0.0050	1	06/19/2020 22:54
sec-Butyl benzene	ND	0.0050	1	06/19/2020 22:54
tert-Butyl benzene	ND	0.0050	1	06/19/2020 22:54
Carbon Disulfide	ND	0.0050	1	06/19/2020 22:54
Carbon Tetrachloride	ND	0.0050	1	06/19/2020 22:54
Chlorobenzene	ND	0.0050	1	06/19/2020 22:54
Chloroethane	ND	0.0050	1	06/19/2020 22:54
Chloroform	ND	0.0050	1	06/19/2020 22:54
Chloromethane	ND	0.0050	1	06/19/2020 22:54
2-Chlorotoluene	ND	0.0050	1	06/19/2020 22:54
4-Chlorotoluene	ND	0.0050	1	06/19/2020 22:54
Dibromochloromethane	ND	0.0050	1	06/19/2020 22:54
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/19/2020 22:54
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/19/2020 22:54
Dibromomethane	ND	0.0050	1	06/19/2020 22:54
1,2-Dichlorobenzene	ND	0.0050	1	06/19/2020 22:54
1,3-Dichlorobenzene	ND	0.0050	1	06/19/2020 22:54
1,4-Dichlorobenzene	ND	0.0050	1	06/19/2020 22:54
Dichlorodifluoromethane	ND	0.0050	1	06/19/2020 22:54
1,1-Dichloroethane	ND	0.0050	1	06/19/2020 22:54
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/19/2020 22:54
1,1-Dichloroethene	ND	0.00025	1	06/19/2020 22:54
cis-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 22:54
trans-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 22:54
1,2-Dichloropropane	ND	0.0050	1	06/19/2020 22:54
1,3-Dichloropropane	ND	0.0050	1	06/19/2020 22:54
2,2-Dichloropropane	ND	0.0050	1	06/19/2020 22:54

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC38 06192026.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/19/2020 22:54
cis-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 22:54
trans-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 22:54
Diisopropyl ether (DIPE)	ND	0.0050	1	06/19/2020 22:54
Ethylbenzene	ND	0.0050	1	06/19/2020 22:54
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/19/2020 22:54
Freon 113	ND	0.0050	1	06/19/2020 22:54
Hexachlorobutadiene	ND	0.0050	1	06/19/2020 22:54
Hexachloroethane	ND	0.0050	1	06/19/2020 22:54
2-Hexanone	ND	0.0050	1	06/19/2020 22:54
Isopropylbenzene	ND	0.0050	1	06/19/2020 22:54
4-Isopropyl toluene	ND	0.0050	1	06/19/2020 22:54
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/19/2020 22:54
Methylene chloride	ND	0.010	1	06/19/2020 22:54
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/19/2020 22:54
Naphthalene	ND	0.0050	1	06/19/2020 22:54
n-Propyl benzene	ND	0.0050	1	06/19/2020 22:54
Styrene	ND	0.0050	1	06/19/2020 22:54
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/19/2020 22:54
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/19/2020 22:54
Tetrachloroethene	ND	0.0010	1	06/19/2020 22:54
Toluene	ND	0.0050	1	06/19/2020 22:54
1,2,3-Trichlorobenzene	ND	0.0050	1	06/19/2020 22:54
1,2,4-Trichlorobenzene	ND	0.0050	1	06/19/2020 22:54
1,1,1-Trichloroethane	ND	0.0050	1	06/19/2020 22:54
1,1,2-Trichloroethane	ND	0.0050	1	06/19/2020 22:54
Trichloroethene	ND	0.0050	1	06/19/2020 22:54
Trichlorofluoromethane	ND	0.0050	1	06/19/2020 22:54
1,2,3-Trichloropropane	ND	0.00010	1	06/19/2020 22:54
1,2,4-Trimethylbenzene	ND	0.0050	1	06/19/2020 22:54
1,3,5-Trimethylbenzene	ND	0.0050	1	06/19/2020 22:54
Vinyl Chloride	ND	0.00025	1	06/19/2020 22:54
m,p-Xylene	ND	0.0050	1	06/19/2020 22:54
o-Xylene	ND	0.0050	1	06/19/2020 22:54
Xylenes, Total	ND	0.0050	1	06/19/2020 22:54

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC38 06192026.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
Dibromofluoromethane	90		82-136	06/19/2020 22:54
Toluene-d8	103		92-139	06/19/2020 22:54
4-BFB	101		82-135	06/19/2020 22:54
Benzene-d6	91		55-122	06/19/2020 22:54
Ethylbenzene-d10	100		58-141	06/19/2020 22:54
1,2-DCB-d4	80		51-107	06/19/2020 22:54

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC38 06192027.D	200074

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	06/19/2020 23:32
tert-Amyl methyl ether (TAME)	ND	0.0050	1	06/19/2020 23:32
Benzene	ND	0.0050	1	06/19/2020 23:32
Bromobenzene	ND	0.0050	1	06/19/2020 23:32
Bromochloromethane	ND	0.0050	1	06/19/2020 23:32
Bromodichloromethane	ND	0.0010	1	06/19/2020 23:32
Bromoform	ND	0.0050	1	06/19/2020 23:32
Bromomethane	ND	0.0050	1	06/19/2020 23:32
2-Butanone (MEK)	ND	0.020	1	06/19/2020 23:32
t-Butyl alcohol (TBA)	ND	0.050	1	06/19/2020 23:32
n-Butyl benzene	ND	0.0050	1	06/19/2020 23:32
sec-Butyl benzene	ND	0.0050	1	06/19/2020 23:32
tert-Butyl benzene	ND	0.0050	1	06/19/2020 23:32
Carbon Disulfide	ND	0.0050	1	06/19/2020 23:32
Carbon Tetrachloride	ND	0.0050	1	06/19/2020 23:32
Chlorobenzene	ND	0.0050	1	06/19/2020 23:32
Chloroethane	ND	0.0050	1	06/19/2020 23:32
Chloroform	ND	0.0050	1	06/19/2020 23:32
Chloromethane	ND	0.0050	1	06/19/2020 23:32
2-Chlorotoluene	ND	0.0050	1	06/19/2020 23:32
4-Chlorotoluene	ND	0.0050	1	06/19/2020 23:32
Dibromochloromethane	ND	0.0050	1	06/19/2020 23:32
1,2-Dibromo-3-chloropropane	ND	0.00025	1	06/19/2020 23:32
1,2-Dibromoethane (EDB)	ND	0.00010	1	06/19/2020 23:32
Dibromomethane	ND	0.0050	1	06/19/2020 23:32
1,2-Dichlorobenzene	ND	0.0050	1	06/19/2020 23:32
1,3-Dichlorobenzene	ND	0.0050	1	06/19/2020 23:32
1,4-Dichlorobenzene	ND	0.0050	1	06/19/2020 23:32
Dichlorodifluoromethane	ND	0.0050	1	06/19/2020 23:32
1,1-Dichloroethane	ND	0.0050	1	06/19/2020 23:32
1,2-Dichloroethane (1,2-DCA)	ND	0.00025	1	06/19/2020 23:32
1,1-Dichloroethene	ND	0.00025	1	06/19/2020 23:32
cis-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 23:32
trans-1,2-Dichloroethene	ND	0.0050	1	06/19/2020 23:32
1,2-Dichloropropane	ND	0.0050	1	06/19/2020 23:32
1,3-Dichloropropane	ND	0.0050	1	06/19/2020 23:32
2,2-Dichloropropane	ND	0.0050	1	06/19/2020 23:32

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC38 06192027.D	200074

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	06/19/2020 23:32
cis-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 23:32
trans-1,3-Dichloropropene	ND	0.0050	1	06/19/2020 23:32
Diisopropyl ether (DIPE)	ND	0.0050	1	06/19/2020 23:32
Ethylbenzene	ND	0.0050	1	06/19/2020 23:32
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	06/19/2020 23:32
Freon 113	ND	0.0050	1	06/19/2020 23:32
Hexachlorobutadiene	ND	0.0050	1	06/19/2020 23:32
Hexachloroethane	ND	0.0050	1	06/19/2020 23:32
2-Hexanone	ND	0.0050	1	06/19/2020 23:32
Isopropylbenzene	ND	0.0050	1	06/19/2020 23:32
4-Isopropyl toluene	ND	0.0050	1	06/19/2020 23:32
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	06/19/2020 23:32
Methylene chloride	ND	0.010	1	06/19/2020 23:32
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	06/19/2020 23:32
Naphthalene	ND	0.0050	1	06/19/2020 23:32
n-Propyl benzene	ND	0.0050	1	06/19/2020 23:32
Styrene	ND	0.0050	1	06/19/2020 23:32
1,1,1,2-Tetrachloroethane	ND	0.0050	1	06/19/2020 23:32
1,1,2,2-Tetrachloroethane	ND	0.00025	1	06/19/2020 23:32
Tetrachloroethene	ND	0.0010	1	06/19/2020 23:32
Toluene	ND	0.0050	1	06/19/2020 23:32
1,2,3-Trichlorobenzene	ND	0.0050	1	06/19/2020 23:32
1,2,4-Trichlorobenzene	ND	0.0050	1	06/19/2020 23:32
1,1,1-Trichloroethane	ND	0.0050	1	06/19/2020 23:32
1,1,2-Trichloroethane	ND	0.0050	1	06/19/2020 23:32
Trichloroethene	ND	0.0050	1	06/19/2020 23:32
Trichlorofluoromethane	ND	0.0050	1	06/19/2020 23:32
1,2,3-Trichloropropane	ND	0.00010	1	06/19/2020 23:32
1,2,4-Trimethylbenzene	ND	0.0050	1	06/19/2020 23:32
1,3,5-Trimethylbenzene	ND	0.0050	1	06/19/2020 23:32
Vinyl Chloride	ND	0.00025	1	06/19/2020 23:32
m,p-Xylene	ND	0.0050	1	06/19/2020 23:32
o-Xylene	ND	0.0050	1	06/19/2020 23:32
Xylenes, Total	ND	0.0050	1	06/19/2020 23:32

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC38 06192027.D	200074

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	90	82-136		06/19/2020 23:32
Toluene-d8	103	92-139		06/19/2020 23:32
4-BFB	96	82-135		06/19/2020 23:32
Benzene-d6	88	55-122		06/19/2020 23:32
Ethylbenzene-d10	96	58-141		06/19/2020 23:32
1,2-DCB-d4	79	51-107		06/19/2020 23:32

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC21 06202011.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/20/2020 13:58
Acenaphthylene	0.0041	0.0013	1	06/20/2020 13:58
Acetochlor	ND	0.25	1	06/20/2020 13:58
Anthracene	ND	0.0013	1	06/20/2020 13:58
Benzidine	ND	1.2	1	06/20/2020 13:58
Benzo (a) anthracene	ND	0.013	1	06/20/2020 13:58
Benzo (a) pyrene	0.0050	0.0025	1	06/20/2020 13:58
Benzo (b) fluoranthene	ND	0.0063	1	06/20/2020 13:58
Benzo (g,h,i) perylene	0.0078	0.0025	1	06/20/2020 13:58
Benzo (k) fluoranthene	0.0025	0.0013	1	06/20/2020 13:58
Benzyl Alcohol	ND	1.2	1	06/20/2020 13:58
1,1-Biphenyl	ND	0.013	1	06/20/2020 13:58
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/20/2020 13:58
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/20/2020 13:58
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/20/2020 13:58
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/20/2020 13:58
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/20/2020 13:58
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/20/2020 13:58
Butylbenzyl Phthalate	ND	0.025	1	06/20/2020 13:58
4-Chloroaniline	ND	0.0025	1	06/20/2020 13:58
4-Chloro-3-methylphenol	ND	0.25	1	06/20/2020 13:58
2-Chloronaphthalene	ND	0.25	1	06/20/2020 13:58
2-Chlorophenol	ND	0.013	1	06/20/2020 13:58
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/20/2020 13:58
Chrysene	0.0041	0.0025	1	06/20/2020 13:58
Dibenzo (a,h) anthracene	ND	0.0025	1	06/20/2020 13:58
Dibenzofuran	ND	0.25	1	06/20/2020 13:58
Di-n-butyl Phthalate	ND	0.013	1	06/20/2020 13:58
1,2-Dichlorobenzene	ND	0.25	1	06/20/2020 13:58
1,3-Dichlorobenzene	ND	0.25	1	06/20/2020 13:58
1,4-Dichlorobenzene	ND	0.25	1	06/20/2020 13:58
3,3-Dichlorobenzidine	ND	0.0025	1	06/20/2020 13:58
2,4-Dichlorophenol	ND	0.013	1	06/20/2020 13:58
Diethyl Phthalate	ND	0.013	1	06/20/2020 13:58
2,4-Dimethylphenol	ND	0.25	1	06/20/2020 13:58
Dimethyl Phthalate	ND	0.0025	1	06/20/2020 13:58
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/20/2020 13:58

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47		GC21 06202011.D	200232
Analytes	Result	RL	DF	Date Analyzed		
2,4-Dinitrophenol	ND	0.25	1	06/20/2020 13:58		
2,4-Dinitrotoluene	ND	0.013	1	06/20/2020 13:58		
2,6-Dinitrotoluene	ND	0.013	1	06/20/2020 13:58		
Di-n-octyl Phthalate	ND	0.013	1	06/20/2020 13:58		
1,2-Diphenylhydrazine	ND	0.25	1	06/20/2020 13:58		
Fluoranthene	0.0062	0.0013	1	06/20/2020 13:58		
Fluorene	0.0046	0.0025	1	06/20/2020 13:58		
Hexachlorobenzene	ND	0.0013	1	06/20/2020 13:58		
Hexachlorobutadiene	ND	0.0025	1	06/20/2020 13:58		
Hexachlorocyclopentadiene	ND	2.0	1	06/20/2020 13:58		
Hexachloroethane	ND	0.013	1	06/20/2020 13:58		
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/20/2020 13:58		
Isophorone	ND	0.25	1	06/20/2020 13:58		
2-Methylnaphthalene	0.015	0.0025	1	06/20/2020 13:58		
2-Methylphenol (o-Cresol)	ND	0.25	1	06/20/2020 13:58		
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/20/2020 13:58		
Naphthalene	0.010	0.0013	1	06/20/2020 13:58		
2-Nitroaniline	ND	1.2	1	06/20/2020 13:58		
3-Nitroaniline	ND	1.2	1	06/20/2020 13:58		
4-Nitroaniline	ND	1.2	1	06/20/2020 13:58		
Nitrobenzene	ND	0.25	1	06/20/2020 13:58		
2-Nitrophenol	ND	1.2	1	06/20/2020 13:58		
4-Nitrophenol	ND	1.2	1	06/20/2020 13:58		
N-Nitrosodiphenylamine	ND	0.25	1	06/20/2020 13:58		
N-Nitrosodi-n-propylamine	ND	0.25	1	06/20/2020 13:58		
Pentachlorophenol	ND	0.062	1	06/20/2020 13:58		
Phenanthrene	0.0088	0.0050	1	06/20/2020 13:58		
Phenol	ND	0.050	1	06/20/2020 13:58		
Pyrene	0.0080	0.0025	1	06/20/2020 13:58		
Pyridine	ND	0.25	1	06/20/2020 13:58		
1,2,4-Trichlorobenzene	ND	0.25	1	06/20/2020 13:58		
2,4,5-Trichlorophenol	ND	0.0025	1	06/20/2020 13:58		
2,4,6-Trichlorophenol	ND	0.013	1	06/20/2020 13:58		

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC21 06202011.D	200232

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	97	60-130		06/20/2020 13:58
Phenol-d5	94	60-130		06/20/2020 13:58
Nitrobenzene-d5	81	60-130		06/20/2020 13:58
2-Fluorobiphenyl	74	60-130		06/20/2020 13:58
2,4,6-Tribromophenol	71	50-130		06/20/2020 13:58
4-Terphenyl-d14	72	50-130		06/20/2020 13:58

Analyst(s): HD



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC17 06192025.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 19:35
Acenaphthylene	ND	0.0013	1	06/19/2020 19:35
Acetochlor	ND	0.25	1	06/19/2020 19:35
Anthracene	ND	0.0013	1	06/19/2020 19:35
Benzidine	ND	1.2	1	06/19/2020 19:35
Benzo (a) anthracene	ND	0.013	1	06/19/2020 19:35
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 19:35
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 19:35
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 19:35
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 19:35
Benzyl Alcohol	ND	1.2	1	06/19/2020 19:35
1,1-Biphenyl	ND	0.013	1	06/19/2020 19:35
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 19:35
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 19:35
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 19:35
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 19:35
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 19:35
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 19:35
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 19:35
4-Chloroaniline	ND	0.0025	1	06/19/2020 19:35
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 19:35
2-Chloronaphthalene	ND	0.25	1	06/19/2020 19:35
2-Chlorophenol	ND	0.013	1	06/19/2020 19:35
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 19:35
Chrysene	ND	0.0025	1	06/19/2020 19:35
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 19:35
Dibenzofuran	ND	0.25	1	06/19/2020 19:35
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 19:35
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 19:35
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 19:35
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 19:35
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 19:35
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 19:35
Diethyl Phthalate	ND	0.013	1	06/19/2020 19:35
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 19:35
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 19:35
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 19:35

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC17 06192025.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 19:35
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 19:35
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 19:35
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 19:35
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 19:35
Fluoranthene	ND	0.0013	1	06/19/2020 19:35
Fluorene	ND	0.0025	1	06/19/2020 19:35
Hexachlorobenzene	ND	0.0013	1	06/19/2020 19:35
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 19:35
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 19:35
Hexachloroethane	ND	0.013	1	06/19/2020 19:35
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 19:35
Isophorone	ND	0.25	1	06/19/2020 19:35
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 19:35
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 19:35
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 19:35
Naphthalene	ND	0.0013	1	06/19/2020 19:35
2-Nitroaniline	ND	1.2	1	06/19/2020 19:35
3-Nitroaniline	ND	1.2	1	06/19/2020 19:35
4-Nitroaniline	ND	1.2	1	06/19/2020 19:35
Nitrobenzene	ND	0.25	1	06/19/2020 19:35
2-Nitrophenol	ND	1.2	1	06/19/2020 19:35
4-Nitrophenol	ND	1.2	1	06/19/2020 19:35
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 19:35
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 19:35
Pentachlorophenol	ND	0.062	1	06/19/2020 19:35
Phenanthrene	ND	0.0050	1	06/19/2020 19:35
Phenol	ND	0.050	1	06/19/2020 19:35
Pyrene	ND	0.0025	1	06/19/2020 19:35
Pyridine	ND	0.25	1	06/19/2020 19:35
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 19:35
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 19:35
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 19:35

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC17 06192025.D	200232

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
2-Fluorophenol	120		60-130	06/19/2020 19:35
Phenol-d5	110		60-130	06/19/2020 19:35
Nitrobenzene-d5	84		60-130	06/19/2020 19:35
2-Fluorobiphenyl	73		60-130	06/19/2020 19:35
2,4,6-Tribromophenol	16	S	50-130	06/19/2020 19:35
4-Terphenyl-d14	64		50-130	06/19/2020 19:35

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC17 06192026.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 20:03
Acenaphthylene	ND	0.0013	1	06/19/2020 20:03
Acetochlor	ND	0.25	1	06/19/2020 20:03
Anthracene	ND	0.0013	1	06/19/2020 20:03
Benzidine	ND	1.2	1	06/19/2020 20:03
Benzo (a) anthracene	ND	0.013	1	06/19/2020 20:03
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 20:03
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 20:03
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 20:03
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 20:03
Benzyl Alcohol	ND	1.2	1	06/19/2020 20:03
1,1-Biphenyl	ND	0.013	1	06/19/2020 20:03
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 20:03
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 20:03
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 20:03
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 20:03
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 20:03
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 20:03
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 20:03
4-Chloroaniline	ND	0.0025	1	06/19/2020 20:03
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 20:03
2-Chloronaphthalene	ND	0.25	1	06/19/2020 20:03
2-Chlorophenol	ND	0.013	1	06/19/2020 20:03
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 20:03
Chrysene	ND	0.0025	1	06/19/2020 20:03
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 20:03
Dibenzofuran	ND	0.25	1	06/19/2020 20:03
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 20:03
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 20:03
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 20:03
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 20:03
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 20:03
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 20:03
Diethyl Phthalate	ND	0.013	1	06/19/2020 20:03
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 20:03
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 20:03
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 20:03

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC17 06192026.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 20:03
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 20:03
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 20:03
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 20:03
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 20:03
Fluoranthene	ND	0.0013	1	06/19/2020 20:03
Fluorene	ND	0.0025	1	06/19/2020 20:03
Hexachlorobenzene	ND	0.0013	1	06/19/2020 20:03
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 20:03
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 20:03
Hexachloroethane	ND	0.013	1	06/19/2020 20:03
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 20:03
Isophorone	ND	0.25	1	06/19/2020 20:03
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 20:03
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 20:03
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 20:03
Naphthalene	ND	0.0013	1	06/19/2020 20:03
2-Nitroaniline	ND	1.2	1	06/19/2020 20:03
3-Nitroaniline	ND	1.2	1	06/19/2020 20:03
4-Nitroaniline	ND	1.2	1	06/19/2020 20:03
Nitrobenzene	ND	0.25	1	06/19/2020 20:03
2-Nitrophenol	ND	1.2	1	06/19/2020 20:03
4-Nitrophenol	ND	1.2	1	06/19/2020 20:03
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 20:03
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 20:03
Pentachlorophenol	ND	0.062	1	06/19/2020 20:03
Phenanthrene	ND	0.0050	1	06/19/2020 20:03
Phenol	ND	0.050	1	06/19/2020 20:03
Pyrene	ND	0.0025	1	06/19/2020 20:03
Pyridine	ND	0.25	1	06/19/2020 20:03
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 20:03
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 20:03
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 20:03

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC17 06192026.D	200232

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	<u>Date Analyzed</u>
2-Fluorophenol	113		60-130	06/19/2020 20:03
Phenol-d5	111		60-130	06/19/2020 20:03
Nitrobenzene-d5	77		60-130	06/19/2020 20:03
2-Fluorobiphenyl	63		60-130	06/19/2020 20:03
2,4,6-Tribromophenol	26	S	50-130	06/19/2020 20:03
4-Terphenyl-d14	58		50-130	06/19/2020 20:03

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24		GC21 06222009.D	200232
Analytes	Result		RL	DF	Date Analyzed	
Acenaphthene	ND		0.13	100	06/22/2020 12:22	
Acenaphthylene	ND		0.13	100	06/22/2020 12:22	
Acetochlor	ND		25	100	06/22/2020 12:22	
Anthracene	ND		0.13	100	06/22/2020 12:22	
Benzidine	ND		120	100	06/22/2020 12:22	
Benzo (a) anthracene	ND		1.3	100	06/22/2020 12:22	
Benzo (a) pyrene	ND		0.25	100	06/22/2020 12:22	
Benzo (b) fluoranthene	ND		0.63	100	06/22/2020 12:22	
Benzo (g,h,i) perylene	ND		0.25	100	06/22/2020 12:22	
Benzo (k) fluoranthene	ND		0.13	100	06/22/2020 12:22	
Benzyl Alcohol	ND		120	100	06/22/2020 12:22	
1,1-Biphenyl	ND		1.3	100	06/22/2020 12:22	
Bis (2-chloroethoxy) Methane	ND		25	100	06/22/2020 12:22	
Bis (2-chloroethyl) Ether	ND		0.25	100	06/22/2020 12:22	
Bis (2-chloroisopropyl) Ether	ND		1.3	100	06/22/2020 12:22	
Bis (2-ethylhexyl) Adipate	ND		25	100	06/22/2020 12:22	
Bis (2-ethylhexyl) Phthalate	23		2.5	100	06/22/2020 12:22	
4-Bromophenyl Phenyl Ether	ND		25	100	06/22/2020 12:22	
Butylbenzyl Phthalate	10		2.5	100	06/22/2020 12:22	
4-Chloroaniline	ND		0.25	100	06/22/2020 12:22	
4-Chloro-3-methylphenol	ND		25	100	06/22/2020 12:22	
2-Chloronaphthalene	ND		25	100	06/22/2020 12:22	
2-Chlorophenol	ND		1.3	100	06/22/2020 12:22	
4-Chlorophenyl Phenyl Ether	ND		25	100	06/22/2020 12:22	
Chrysene	ND		0.25	100	06/22/2020 12:22	
Dibenzo (a,h) anthracene	ND		0.25	100	06/22/2020 12:22	
Dibenzofuran	ND		25	100	06/22/2020 12:22	
Di-n-butyl Phthalate	ND		1.3	100	06/22/2020 12:22	
1,2-Dichlorobenzene	ND		25	100	06/22/2020 12:22	
1,3-Dichlorobenzene	ND		25	100	06/22/2020 12:22	
1,4-Dichlorobenzene	ND		25	100	06/22/2020 12:22	
3,3-Dichlorobenzidine	ND		0.25	100	06/22/2020 12:22	
2,4-Dichlorophenol	ND		1.3	100	06/22/2020 12:22	
Diethyl Phthalate	ND		1.3	100	06/22/2020 12:22	
2,4-Dimethylphenol	ND		25	100	06/22/2020 12:22	
Dimethyl Phthalate	ND		0.25	100	06/22/2020 12:22	
4,6-Dinitro-2-methylphenol	ND		120	100	06/22/2020 12:22	

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24		GC21 06222009.D	200232
Analytes	Result	RL	DF	Date Analyzed		
2,4-Dinitrophenol	ND	25	100	06/22/2020 12:22		
2,4-Dinitrotoluene	ND	1.3	100	06/22/2020 12:22		
2,6-Dinitrotoluene	ND	1.3	100	06/22/2020 12:22		
Di-n-octyl Phthalate	ND	1.3	100	06/22/2020 12:22		
1,2-Diphenylhydrazine	ND	25	100	06/22/2020 12:22		
Fluoranthene	0.15	0.13	100	06/22/2020 12:22		
Fluorene	ND	0.25	100	06/22/2020 12:22		
Hexachlorobenzene	ND	0.13	100	06/22/2020 12:22		
Hexachlorobutadiene	ND	0.25	100	06/22/2020 12:22		
Hexachlorocyclopentadiene	ND	200	100	06/22/2020 12:22		
Hexachloroethane	ND	1.3	100	06/22/2020 12:22		
Indeno (1,2,3-cd) pyrene	ND	1.3	100	06/22/2020 12:22		
Isophorone	ND	25	100	06/22/2020 12:22		
2-Methylnaphthalene	ND	0.25	100	06/22/2020 12:22		
2-Methylphenol (o-Cresol)	ND	25	100	06/22/2020 12:22		
3 & 4-Methylphenol (m,p-Cresol)	ND	25	100	06/22/2020 12:22		
Naphthalene	ND	0.13	100	06/22/2020 12:22		
2-Nitroaniline	ND	120	100	06/22/2020 12:22		
3-Nitroaniline	ND	120	100	06/22/2020 12:22		
4-Nitroaniline	ND	120	100	06/22/2020 12:22		
Nitrobenzene	ND	25	100	06/22/2020 12:22		
2-Nitrophenol	ND	120	100	06/22/2020 12:22		
4-Nitrophenol	ND	120	100	06/22/2020 12:22		
N-Nitrosodiphenylamine	ND	25	100	06/22/2020 12:22		
N-Nitrosodi-n-propylamine	ND	25	100	06/22/2020 12:22		
Pentachlorophenol	ND	6.2	100	06/22/2020 12:22		
Phenanthrene	ND	0.50	100	06/22/2020 12:22		
Phenol	ND	5.0	100	06/22/2020 12:22		
Pyrene	ND	0.25	100	06/22/2020 12:22		
Pyridine	ND	25	100	06/22/2020 12:22		
1,2,4-Trichlorobenzene	ND	25	100	06/22/2020 12:22		
2,4,5-Trichlorophenol	ND	0.25	100	06/22/2020 12:22		
2,4,6-Trichlorophenol	ND	1.3	100	06/22/2020 12:22		

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC21 06222009.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	76		60-130	06/22/2020 12:22
Phenol-d5	101		60-130	06/22/2020 12:22
Nitrobenzene-d5	48	S	60-130	06/22/2020 12:22
2-Fluorobiphenyl	72		60-130	06/22/2020 12:22
2,4,6-Tribromophenol	56		50-130	06/22/2020 12:22
4-Terphenyl-d14	74		50-130	06/22/2020 12:22

Analyst(s): HD

Analytical Comments: c1



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC21 06202013.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/20/2020 14:52
Acenaphthylene	ND	0.0013	1	06/20/2020 14:52
Acetochlor	ND	0.25	1	06/20/2020 14:52
Anthracene	ND	0.0013	1	06/20/2020 14:52
Benzidine	ND	1.2	1	06/20/2020 14:52
Benzo (a) anthracene	ND	0.013	1	06/20/2020 14:52
Benzo (a) pyrene	ND	0.0025	1	06/20/2020 14:52
Benzo (b) fluoranthene	ND	0.0063	1	06/20/2020 14:52
Benzo (g,h,i) perylene	ND	0.0025	1	06/20/2020 14:52
Benzo (k) fluoranthene	ND	0.0013	1	06/20/2020 14:52
Benzyl Alcohol	ND	1.2	1	06/20/2020 14:52
1,1-Biphenyl	ND	0.013	1	06/20/2020 14:52
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/20/2020 14:52
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/20/2020 14:52
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/20/2020 14:52
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/20/2020 14:52
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/20/2020 14:52
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/20/2020 14:52
Butylbenzyl Phthalate	ND	0.025	1	06/20/2020 14:52
4-Chloroaniline	ND	0.0025	1	06/20/2020 14:52
4-Chloro-3-methylphenol	ND	0.25	1	06/20/2020 14:52
2-Chloronaphthalene	ND	0.25	1	06/20/2020 14:52
2-Chlorophenol	ND	0.013	1	06/20/2020 14:52
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/20/2020 14:52
Chrysene	ND	0.0025	1	06/20/2020 14:52
Dibenzo (a,h) anthracene	ND	0.0025	1	06/20/2020 14:52
Dibenzofuran	ND	0.25	1	06/20/2020 14:52
Di-n-butyl Phthalate	ND	0.013	1	06/20/2020 14:52
1,2-Dichlorobenzene	ND	0.25	1	06/20/2020 14:52
1,3-Dichlorobenzene	ND	0.25	1	06/20/2020 14:52
1,4-Dichlorobenzene	ND	0.25	1	06/20/2020 14:52
3,3-Dichlorobenzidine	ND	0.0025	1	06/20/2020 14:52
2,4-Dichlorophenol	ND	0.013	1	06/20/2020 14:52
Diethyl Phthalate	ND	0.013	1	06/20/2020 14:52
2,4-Dimethylphenol	ND	0.25	1	06/20/2020 14:52
Dimethyl Phthalate	ND	0.0025	1	06/20/2020 14:52
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/20/2020 14:52

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC21 06202013.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/20/2020 14:52
2,4-Dinitrotoluene	ND	0.013	1	06/20/2020 14:52
2,6-Dinitrotoluene	ND	0.013	1	06/20/2020 14:52
Di-n-octyl Phthalate	ND	0.013	1	06/20/2020 14:52
1,2-Diphenylhydrazine	ND	0.25	1	06/20/2020 14:52
Fluoranthene	ND	0.0013	1	06/20/2020 14:52
Fluorene	ND	0.0025	1	06/20/2020 14:52
Hexachlorobenzene	ND	0.0013	1	06/20/2020 14:52
Hexachlorobutadiene	ND	0.0025	1	06/20/2020 14:52
Hexachlorocyclopentadiene	ND	2.0	1	06/20/2020 14:52
Hexachloroethane	ND	0.013	1	06/20/2020 14:52
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/20/2020 14:52
Isophorone	ND	0.25	1	06/20/2020 14:52
2-Methylnaphthalene	ND	0.0025	1	06/20/2020 14:52
2-Methylphenol (o-Cresol)	ND	0.25	1	06/20/2020 14:52
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/20/2020 14:52
Naphthalene	ND	0.0013	1	06/20/2020 14:52
2-Nitroaniline	ND	1.2	1	06/20/2020 14:52
3-Nitroaniline	ND	1.2	1	06/20/2020 14:52
4-Nitroaniline	ND	1.2	1	06/20/2020 14:52
Nitrobenzene	ND	0.25	1	06/20/2020 14:52
2-Nitrophenol	ND	1.2	1	06/20/2020 14:52
4-Nitrophenol	ND	1.2	1	06/20/2020 14:52
N-Nitrosodiphenylamine	ND	0.25	1	06/20/2020 14:52
N-Nitrosodi-n-propylamine	ND	0.25	1	06/20/2020 14:52
Pentachlorophenol	ND	0.062	1	06/20/2020 14:52
Phenanthrene	ND	0.0050	1	06/20/2020 14:52
Phenol	0.083	0.050	1	06/20/2020 14:52
Pyrene	ND	0.0025	1	06/20/2020 14:52
Pyridine	ND	0.25	1	06/20/2020 14:52
1,2,4-Trichlorobenzene	ND	0.25	1	06/20/2020 14:52
2,4,5-Trichlorophenol	ND	0.0025	1	06/20/2020 14:52
2,4,6-Trichlorophenol	ND	0.013	1	06/20/2020 14:52

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC21 06202013.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	
2-Fluorophenol	92		60-130	06/20/2020 14:52
Phenol-d5	93		60-130	06/20/2020 14:52
Nitrobenzene-d5	75		60-130	06/20/2020 14:52
2-Fluorobiphenyl	76		60-130	06/20/2020 14:52
2,4,6-Tribromophenol	76		50-130	06/20/2020 14:52
4-Terphenyl-d14	70		50-130	06/20/2020 14:52

Analyst(s): HD



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC21 06192021.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 16:35
Acenaphthylene	ND	0.0013	1	06/19/2020 16:35
Acetochlor	ND	0.25	1	06/19/2020 16:35
Anthracene	ND	0.0013	1	06/19/2020 16:35
Benzidine	ND	1.2	1	06/19/2020 16:35
Benzo (a) anthracene	ND	0.013	1	06/19/2020 16:35
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 16:35
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 16:35
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 16:35
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 16:35
Benzyl Alcohol	ND	1.2	1	06/19/2020 16:35
1,1-Biphenyl	ND	0.013	1	06/19/2020 16:35
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 16:35
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 16:35
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 16:35
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 16:35
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 16:35
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 16:35
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 16:35
4-Chloroaniline	ND	0.0025	1	06/19/2020 16:35
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 16:35
2-Chloronaphthalene	ND	0.25	1	06/19/2020 16:35
2-Chlorophenol	ND	0.013	1	06/19/2020 16:35
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 16:35
Chrysene	ND	0.0025	1	06/19/2020 16:35
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 16:35
Dibenzofuran	ND	0.25	1	06/19/2020 16:35
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 16:35
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 16:35
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 16:35
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 16:35
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 16:35
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 16:35
Diethyl Phthalate	ND	0.013	1	06/19/2020 16:35
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 16:35
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 16:35
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 16:35

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC21 06192021.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 16:35
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 16:35
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 16:35
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 16:35
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 16:35
Fluoranthene	ND	0.0013	1	06/19/2020 16:35
Fluorene	ND	0.0025	1	06/19/2020 16:35
Hexachlorobenzene	ND	0.0013	1	06/19/2020 16:35
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 16:35
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 16:35
Hexachloroethane	ND	0.013	1	06/19/2020 16:35
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 16:35
Isophorone	ND	0.25	1	06/19/2020 16:35
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 16:35
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 16:35
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 16:35
Naphthalene	ND	0.0013	1	06/19/2020 16:35
2-Nitroaniline	ND	1.2	1	06/19/2020 16:35
3-Nitroaniline	ND	1.2	1	06/19/2020 16:35
4-Nitroaniline	ND	1.2	1	06/19/2020 16:35
Nitrobenzene	ND	0.25	1	06/19/2020 16:35
2-Nitrophenol	ND	1.2	1	06/19/2020 16:35
4-Nitrophenol	ND	1.2	1	06/19/2020 16:35
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 16:35
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 16:35
Pentachlorophenol	ND	0.062	1	06/19/2020 16:35
Phenanthrene	ND	0.0050	1	06/19/2020 16:35
Phenol	ND	0.050	1	06/19/2020 16:35
Pyrene	ND	0.0025	1	06/19/2020 16:35
Pyridine	ND	0.25	1	06/19/2020 16:35
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 16:35
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 16:35
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 16:35

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC21 06192021.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	90		60-130	06/19/2020 16:35
Phenol-d5	85		60-130	06/19/2020 16:35
Nitrobenzene-d5	72		60-130	06/19/2020 16:35
2-Fluorobiphenyl	76		60-130	06/19/2020 16:35
2,4,6-Tribromophenol	17	S	50-130	06/19/2020 16:35
4-Terphenyl-d14	71		50-130	06/19/2020 16:35

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45		GC21 06202014.D	200232
Analytes	Result		RL	DF	Date Analyzed	
Acenaphthene	ND		0.0026	2	06/20/2020 15:19	
Acenaphthylene	0.0028		0.0026	2	06/20/2020 15:19	
Acetochlor	ND		0.50	2	06/20/2020 15:19	
Anthracene	ND		0.0026	2	06/20/2020 15:19	
Benzidine	ND		2.5	2	06/20/2020 15:19	
Benzo (a) anthracene	ND		0.026	2	06/20/2020 15:19	
Benzo (a) pyrene	0.016		0.0050	2	06/20/2020 15:19	
Benzo (b) fluoranthene	0.021		0.013	2	06/20/2020 15:19	
Benzo (g,h,i) perylene	0.021		0.0050	2	06/20/2020 15:19	
Benzo (k) fluoranthene	0.0080		0.0026	2	06/20/2020 15:19	
Benzyl Alcohol	ND		2.5	2	06/20/2020 15:19	
1,1-Biphenyl	ND		0.026	2	06/20/2020 15:19	
Bis (2-chloroethoxy) Methane	ND		0.50	2	06/20/2020 15:19	
Bis (2-chloroethyl) Ether	ND		0.0050	2	06/20/2020 15:19	
Bis (2-chloroisopropyl) Ether	ND		0.026	2	06/20/2020 15:19	
Bis (2-ethylhexyl) Adipate	ND		0.50	2	06/20/2020 15:19	
Bis (2-ethylhexyl) Phthalate	ND		0.050	2	06/20/2020 15:19	
4-Bromophenyl Phenyl Ether	ND		0.50	2	06/20/2020 15:19	
Butylbenzyl Phthalate	ND		0.050	2	06/20/2020 15:19	
4-Chloroaniline	ND		0.0050	2	06/20/2020 15:19	
4-Chloro-3-methylphenol	ND		0.50	2	06/20/2020 15:19	
2-Chloronaphthalene	ND		0.50	2	06/20/2020 15:19	
2-Chlorophenol	ND		0.026	2	06/20/2020 15:19	
4-Chlorophenyl Phenyl Ether	ND		0.50	2	06/20/2020 15:19	
Chrysene	0.012		0.0050	2	06/20/2020 15:19	
Dibenzo (a,h) anthracene	0.0054		0.0050	2	06/20/2020 15:19	
Dibenzofuran	ND		0.50	2	06/20/2020 15:19	
Di-n-butyl Phthalate	ND		0.026	2	06/20/2020 15:19	
1,2-Dichlorobenzene	ND		0.50	2	06/20/2020 15:19	
1,3-Dichlorobenzene	ND		0.50	2	06/20/2020 15:19	
1,4-Dichlorobenzene	ND		0.50	2	06/20/2020 15:19	
3,3-Dichlorobenzidine	ND		0.0050	2	06/20/2020 15:19	
2,4-Dichlorophenol	ND		0.026	2	06/20/2020 15:19	
Diethyl Phthalate	ND		0.026	2	06/20/2020 15:19	
2,4-Dimethylphenol	ND		0.50	2	06/20/2020 15:19	
Dimethyl Phthalate	ND		0.0050	2	06/20/2020 15:19	
4,6-Dinitro-2-methylphenol	ND		2.5	2	06/20/2020 15:19	

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45		GC21 06202014.D	200232
Analytes	Result	RL	DF	Date Analyzed		
2,4-Dinitrophenol	ND	0.50	2	06/20/2020 15:19		
2,4-Dinitrotoluene	ND	0.026	2	06/20/2020 15:19		
2,6-Dinitrotoluene	ND	0.026	2	06/20/2020 15:19		
Di-n-octyl Phthalate	ND	0.026	2	06/20/2020 15:19		
1,2-Diphenylhydrazine	ND	0.50	2	06/20/2020 15:19		
Fluoranthene	0.018	0.0026	2	06/20/2020 15:19		
Fluorene	ND	0.0050	2	06/20/2020 15:19		
Hexachlorobenzene	ND	0.0026	2	06/20/2020 15:19		
Hexachlorobutadiene	ND	0.0050	2	06/20/2020 15:19		
Hexachlorocyclopentadiene	ND	4.0	2	06/20/2020 15:19		
Hexachloroethane	ND	0.026	2	06/20/2020 15:19		
Indeno (1,2,3-cd) pyrene	ND	0.026	2	06/20/2020 15:19		
Isophorone	ND	0.50	2	06/20/2020 15:19		
2-Methylnaphthalene	ND	0.0050	2	06/20/2020 15:19		
2-Methylphenol (o-Cresol)	ND	0.50	2	06/20/2020 15:19		
3 & 4-Methylphenol (m,p-Cresol)	ND	0.50	2	06/20/2020 15:19		
Naphthalene	0.0029	0.0026	2	06/20/2020 15:19		
2-Nitroaniline	ND	2.5	2	06/20/2020 15:19		
3-Nitroaniline	ND	2.5	2	06/20/2020 15:19		
4-Nitroaniline	ND	2.5	2	06/20/2020 15:19		
Nitrobenzene	ND	0.50	2	06/20/2020 15:19		
2-Nitrophenol	ND	2.5	2	06/20/2020 15:19		
4-Nitrophenol	ND	2.5	2	06/20/2020 15:19		
N-Nitrosodiphenylamine	ND	0.50	2	06/20/2020 15:19		
N-Nitrosodi-n-propylamine	ND	0.50	2	06/20/2020 15:19		
Pentachlorophenol	ND	0.12	2	06/20/2020 15:19		
Phenanthrene	0.010	0.010	2	06/20/2020 15:19		
Phenol	ND	0.10	2	06/20/2020 15:19		
Pyrene	0.019	0.0050	2	06/20/2020 15:19		
Pyridine	ND	0.50	2	06/20/2020 15:19		
1,2,4-Trichlorobenzene	ND	0.50	2	06/20/2020 15:19		
2,4,5-Trichlorophenol	ND	0.0050	2	06/20/2020 15:19		
2,4,6-Trichlorophenol	ND	0.026	2	06/20/2020 15:19		

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC21 06202014.D	200232

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	91	60-130		06/20/2020 15:19
Phenol-d5	91	60-130		06/20/2020 15:19
Nitrobenzene-d5	79	60-130		06/20/2020 15:19
2-Fluorobiphenyl	75	60-130		06/20/2020 15:19
2,4,6-Tribromophenol	68	50-130		06/20/2020 15:19
4-Terphenyl-d14	75	50-130		06/20/2020 15:19

Analyst(s): HD



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50		GC21 06202015.D	200232
Analytes	Result	RL	DF	Date Analyzed		
Acenaphthene	ND	0.0013	1	06/20/2020 15:47		
Acenaphthylene	ND	0.0013	1	06/20/2020 15:47		
Acetochlor	ND	0.25	1	06/20/2020 15:47		
Anthracene	ND	0.0013	1	06/20/2020 15:47		
Benzidine	ND	1.2	1	06/20/2020 15:47		
Benzo (a) anthracene	ND	0.013	1	06/20/2020 15:47		
Benzo (a) pyrene	0.0077	0.0025	1	06/20/2020 15:47		
Benzo (b) fluoranthene	0.0094	0.0063	1	06/20/2020 15:47		
Benzo (g,h,i) perylene	0.011	0.0025	1	06/20/2020 15:47		
Benzo (k) fluoranthene	0.0034	0.0013	1	06/20/2020 15:47		
Benzyl Alcohol	ND	1.2	1	06/20/2020 15:47		
1,1-Biphenyl	ND	0.013	1	06/20/2020 15:47		
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/20/2020 15:47		
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/20/2020 15:47		
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/20/2020 15:47		
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/20/2020 15:47		
Bis (2-ethylhexyl) Phthalate	0.19	0.025	1	06/20/2020 15:47		
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/20/2020 15:47		
Butylbenzyl Phthalate	ND	0.025	1	06/20/2020 15:47		
4-Chloroaniline	ND	0.0025	1	06/20/2020 15:47		
4-Chloro-3-methylphenol	ND	0.25	1	06/20/2020 15:47		
2-Chloronaphthalene	ND	0.25	1	06/20/2020 15:47		
2-Chlorophenol	ND	0.013	1	06/20/2020 15:47		
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/20/2020 15:47		
Chrysene	0.0046	0.0025	1	06/20/2020 15:47		
Dibenzo (a,h) anthracene	0.0026	0.0025	1	06/20/2020 15:47		
Dibenzofuran	ND	0.25	1	06/20/2020 15:47		
Di-n-butyl Phthalate	ND	0.013	1	06/20/2020 15:47		
1,2-Dichlorobenzene	ND	0.25	1	06/20/2020 15:47		
1,3-Dichlorobenzene	ND	0.25	1	06/20/2020 15:47		
1,4-Dichlorobenzene	ND	0.25	1	06/20/2020 15:47		
3,3-Dichlorobenzidine	ND	0.0025	1	06/20/2020 15:47		
2,4-Dichlorophenol	ND	0.013	1	06/20/2020 15:47		
Diethyl Phthalate	ND	0.013	1	06/20/2020 15:47		
2,4-Dimethylphenol	ND	0.25	1	06/20/2020 15:47		
Dimethyl Phthalate	ND	0.0025	1	06/20/2020 15:47		
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/20/2020 15:47		

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC21 06202015.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/20/2020 15:47
2,4-Dinitrotoluene	ND	0.013	1	06/20/2020 15:47
2,6-Dinitrotoluene	ND	0.013	1	06/20/2020 15:47
Di-n-octyl Phthalate	ND	0.013	1	06/20/2020 15:47
1,2-Diphenylhydrazine	ND	0.25	1	06/20/2020 15:47
Fluoranthene	0.0076	0.0013	1	06/20/2020 15:47
Fluorene	ND	0.0025	1	06/20/2020 15:47
Hexachlorobenzene	ND	0.0013	1	06/20/2020 15:47
Hexachlorobutadiene	ND	0.0025	1	06/20/2020 15:47
Hexachlorocyclopentadiene	ND	2.0	1	06/20/2020 15:47
Hexachloroethane	ND	0.013	1	06/20/2020 15:47
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/20/2020 15:47
Isophorone	ND	0.25	1	06/20/2020 15:47
2-Methylnaphthalene	ND	0.0025	1	06/20/2020 15:47
2-Methylphenol (o-Cresol)	ND	0.25	1	06/20/2020 15:47
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/20/2020 15:47
Naphthalene	ND	0.0013	1	06/20/2020 15:47
2-Nitroaniline	ND	1.2	1	06/20/2020 15:47
3-Nitroaniline	ND	1.2	1	06/20/2020 15:47
4-Nitroaniline	ND	1.2	1	06/20/2020 15:47
Nitrobenzene	ND	0.25	1	06/20/2020 15:47
2-Nitrophenol	ND	1.2	1	06/20/2020 15:47
4-Nitrophenol	ND	1.2	1	06/20/2020 15:47
N-Nitrosodiphenylamine	ND	0.25	1	06/20/2020 15:47
N-Nitrosodi-n-propylamine	ND	0.25	1	06/20/2020 15:47
Pentachlorophenol	ND	0.062	1	06/20/2020 15:47
Phenanthrene	ND	0.0050	1	06/20/2020 15:47
Phenol	ND	0.050	1	06/20/2020 15:47
Pyrene	0.0069	0.0025	1	06/20/2020 15:47
Pyridine	ND	0.25	1	06/20/2020 15:47
1,2,4-Trichlorobenzene	ND	0.25	1	06/20/2020 15:47
2,4,5-Trichlorophenol	ND	0.0025	1	06/20/2020 15:47
2,4,6-Trichlorophenol	ND	0.013	1	06/20/2020 15:47

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC21 06202015.D	200232

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	88	60-130		06/20/2020 15:47
Phenol-d5	87	60-130		06/20/2020 15:47
Nitrobenzene-d5	78	60-130		06/20/2020 15:47
2-Fluorobiphenyl	73	60-130		06/20/2020 15:47
2,4,6-Tribromophenol	75	50-130		06/20/2020 15:47
4-Terphenyl-d14	72	50-130		06/20/2020 15:47

Analyst(s): HD



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC21 06202010.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/20/2020 13:31
Acenaphthylene	ND	0.0013	1	06/20/2020 13:31
Acetochlor	ND	0.25	1	06/20/2020 13:31
Anthracene	ND	0.0013	1	06/20/2020 13:31
Benzidine	ND	1.2	1	06/20/2020 13:31
Benzo (a) anthracene	ND	0.013	1	06/20/2020 13:31
Benzo (a) pyrene	ND	0.0025	1	06/20/2020 13:31
Benzo (b) fluoranthene	ND	0.0063	1	06/20/2020 13:31
Benzo (g,h,i) perylene	ND	0.0025	1	06/20/2020 13:31
Benzo (k) fluoranthene	ND	0.0013	1	06/20/2020 13:31
Benzyl Alcohol	ND	1.2	1	06/20/2020 13:31
1,1-Biphenyl	ND	0.013	1	06/20/2020 13:31
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/20/2020 13:31
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/20/2020 13:31
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/20/2020 13:31
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/20/2020 13:31
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/20/2020 13:31
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/20/2020 13:31
Butylbenzyl Phthalate	ND	0.025	1	06/20/2020 13:31
4-Chloroaniline	ND	0.0025	1	06/20/2020 13:31
4-Chloro-3-methylphenol	ND	0.25	1	06/20/2020 13:31
2-Chloronaphthalene	ND	0.25	1	06/20/2020 13:31
2-Chlorophenol	ND	0.013	1	06/20/2020 13:31
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/20/2020 13:31
Chrysene	ND	0.0025	1	06/20/2020 13:31
Dibenzo (a,h) anthracene	ND	0.0025	1	06/20/2020 13:31
Dibenzofuran	ND	0.25	1	06/20/2020 13:31
Di-n-butyl Phthalate	ND	0.013	1	06/20/2020 13:31
1,2-Dichlorobenzene	ND	0.25	1	06/20/2020 13:31
1,3-Dichlorobenzene	ND	0.25	1	06/20/2020 13:31
1,4-Dichlorobenzene	ND	0.25	1	06/20/2020 13:31
3,3-Dichlorobenzidine	ND	0.0025	1	06/20/2020 13:31
2,4-Dichlorophenol	ND	0.013	1	06/20/2020 13:31
Diethyl Phthalate	ND	0.013	1	06/20/2020 13:31
2,4-Dimethylphenol	ND	0.25	1	06/20/2020 13:31
Dimethyl Phthalate	ND	0.0025	1	06/20/2020 13:31
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/20/2020 13:31

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC21 06202010.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/20/2020 13:31
2,4-Dinitrotoluene	ND	0.013	1	06/20/2020 13:31
2,6-Dinitrotoluene	ND	0.013	1	06/20/2020 13:31
Di-n-octyl Phthalate	ND	0.013	1	06/20/2020 13:31
1,2-Diphenylhydrazine	ND	0.25	1	06/20/2020 13:31
Fluoranthene	ND	0.0013	1	06/20/2020 13:31
Fluorene	ND	0.0025	1	06/20/2020 13:31
Hexachlorobenzene	ND	0.0013	1	06/20/2020 13:31
Hexachlorobutadiene	ND	0.0025	1	06/20/2020 13:31
Hexachlorocyclopentadiene	ND	2.0	1	06/20/2020 13:31
Hexachloroethane	ND	0.013	1	06/20/2020 13:31
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/20/2020 13:31
Isophorone	ND	0.25	1	06/20/2020 13:31
2-Methylnaphthalene	ND	0.0025	1	06/20/2020 13:31
2-Methylphenol (o-Cresol)	ND	0.25	1	06/20/2020 13:31
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/20/2020 13:31
Naphthalene	ND	0.0013	1	06/20/2020 13:31
2-Nitroaniline	ND	1.2	1	06/20/2020 13:31
3-Nitroaniline	ND	1.2	1	06/20/2020 13:31
4-Nitroaniline	ND	1.2	1	06/20/2020 13:31
Nitrobenzene	ND	0.25	1	06/20/2020 13:31
2-Nitrophenol	ND	1.2	1	06/20/2020 13:31
4-Nitrophenol	ND	1.2	1	06/20/2020 13:31
N-Nitrosodiphenylamine	ND	0.25	1	06/20/2020 13:31
N-Nitrosodi-n-propylamine	ND	0.25	1	06/20/2020 13:31
Pentachlorophenol	ND	0.062	1	06/20/2020 13:31
Phenanthrene	ND	0.0050	1	06/20/2020 13:31
Phenol	ND	0.050	1	06/20/2020 13:31
Pyrene	ND	0.0025	1	06/20/2020 13:31
Pyridine	ND	0.25	1	06/20/2020 13:31
1,2,4-Trichlorobenzene	ND	0.25	1	06/20/2020 13:31
2,4,5-Trichlorophenol	ND	0.0025	1	06/20/2020 13:31
2,4,6-Trichlorophenol	ND	0.013	1	06/20/2020 13:31

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC21 06202010.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	93		60-130	06/20/2020 13:31
Phenol-d5	86		60-130	06/20/2020 13:31
Nitrobenzene-d5	70		60-130	06/20/2020 13:31
2-Fluorobiphenyl	73		60-130	06/20/2020 13:31
2,4,6-Tribromophenol	39	S	50-130	06/20/2020 13:31
4-Terphenyl-d14	69		50-130	06/20/2020 13:31

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC21 06202016.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/20/2020 16:14
Acenaphthylene	0.0059	0.0013	1	06/20/2020 16:14
Acetochlor	ND	0.25	1	06/20/2020 16:14
Anthracene	0.0038	0.0013	1	06/20/2020 16:14
Benzidine	ND	1.2	1	06/20/2020 16:14
Benzo (a) anthracene	0.020	0.013	1	06/20/2020 16:14
Benzo (a) pyrene	0.029	0.0025	1	06/20/2020 16:14
Benzo (b) fluoranthene	0.040	0.0063	1	06/20/2020 16:14
Benzo (g,h,i) perylene	0.038	0.0025	1	06/20/2020 16:14
Benzo (k) fluoranthene	0.011	0.0013	1	06/20/2020 16:14
Benzyl Alcohol	ND	1.2	1	06/20/2020 16:14
1,1-Biphenyl	ND	0.013	1	06/20/2020 16:14
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/20/2020 16:14
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/20/2020 16:14
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/20/2020 16:14
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/20/2020 16:14
Bis (2-ethylhexyl) Phthalate	0.034	0.025	1	06/20/2020 16:14
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/20/2020 16:14
Butylbenzyl Phthalate	ND	0.025	1	06/20/2020 16:14
4-Chloroaniline	ND	0.0025	1	06/20/2020 16:14
4-Chloro-3-methylphenol	ND	0.25	1	06/20/2020 16:14
2-Chloronaphthalene	ND	0.25	1	06/20/2020 16:14
2-Chlorophenol	ND	0.013	1	06/20/2020 16:14
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/20/2020 16:14
Chrysene	0.022	0.0025	1	06/20/2020 16:14
Dibenzo (a,h) anthracene	0.0060	0.0025	1	06/20/2020 16:14
Dibenzofuran	ND	0.25	1	06/20/2020 16:14
Di-n-butyl Phthalate	ND	0.013	1	06/20/2020 16:14
1,2-Dichlorobenzene	ND	0.25	1	06/20/2020 16:14
1,3-Dichlorobenzene	ND	0.25	1	06/20/2020 16:14
1,4-Dichlorobenzene	ND	0.25	1	06/20/2020 16:14
3,3-Dichlorobenzidine	ND	0.0025	1	06/20/2020 16:14
2,4-Dichlorophenol	ND	0.013	1	06/20/2020 16:14
Diethyl Phthalate	ND	0.013	1	06/20/2020 16:14
2,4-Dimethylphenol	ND	0.25	1	06/20/2020 16:14
Dimethyl Phthalate	ND	0.0025	1	06/20/2020 16:14
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/20/2020 16:14

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33		GC21 06202016.D	200232
Analytes	Result	RL	DF	Date Analyzed		
2,4-Dinitrophenol	ND	0.25	1	06/20/2020 16:14		
2,4-Dinitrotoluene	ND	0.013	1	06/20/2020 16:14		
2,6-Dinitrotoluene	ND	0.013	1	06/20/2020 16:14		
Di-n-octyl Phthalate	ND	0.013	1	06/20/2020 16:14		
1,2-Diphenylhydrazine	ND	0.25	1	06/20/2020 16:14		
Fluoranthene	0.045	0.0013	1	06/20/2020 16:14		
Fluorene	ND	0.0025	1	06/20/2020 16:14		
Hexachlorobenzene	ND	0.0013	1	06/20/2020 16:14		
Hexachlorobutadiene	ND	0.0025	1	06/20/2020 16:14		
Hexachlorocyclopentadiene	ND	2.0	1	06/20/2020 16:14		
Hexachloroethane	ND	0.013	1	06/20/2020 16:14		
Indeno (1,2,3-cd) pyrene	0.026	0.013	1	06/20/2020 16:14		
Isophorone	ND	0.25	1	06/20/2020 16:14		
2-Methylnaphthalene	0.023	0.0025	1	06/20/2020 16:14		
2-Methylphenol (o-Cresol)	ND	0.25	1	06/20/2020 16:14		
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/20/2020 16:14		
Naphthalene	0.020	0.0013	1	06/20/2020 16:14		
2-Nitroaniline	ND	1.2	1	06/20/2020 16:14		
3-Nitroaniline	ND	1.2	1	06/20/2020 16:14		
4-Nitroaniline	ND	1.2	1	06/20/2020 16:14		
Nitrobenzene	ND	0.25	1	06/20/2020 16:14		
2-Nitrophenol	ND	1.2	1	06/20/2020 16:14		
4-Nitrophenol	ND	1.2	1	06/20/2020 16:14		
N-Nitrosodiphenylamine	ND	0.25	1	06/20/2020 16:14		
N-Nitrosodi-n-propylamine	ND	0.25	1	06/20/2020 16:14		
Pentachlorophenol	ND	0.062	1	06/20/2020 16:14		
Phenanthrene	0.040	0.0050	1	06/20/2020 16:14		
Phenol	ND	0.050	1	06/20/2020 16:14		
Pyrene	0.045	0.0025	1	06/20/2020 16:14		
Pyridine	ND	0.25	1	06/20/2020 16:14		
1,2,4-Trichlorobenzene	ND	0.25	1	06/20/2020 16:14		
2,4,5-Trichlorophenol	ND	0.0025	1	06/20/2020 16:14		
2,4,6-Trichlorophenol	ND	0.013	1	06/20/2020 16:14		

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC21 06202016.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorophenol	87	60-130		06/20/2020 16:14
Phenol-d5	92	60-130		06/20/2020 16:14
Nitrobenzene-d5	77	60-130		06/20/2020 16:14
2-Fluorobiphenyl	73	60-130		06/20/2020 16:14
2,4,6-Tribromophenol	68	50-130		06/20/2020 16:14
4-Terphenyl-d14	71	50-130		06/20/2020 16:14

Analyst(s): HD



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35		GC21 06202009.D	200316
Analytes	Result	RL	DF	Date Analyzed		
Acenaphthene	ND	0.0013	1	06/20/2020 13:04		
Acenaphthylene	ND	0.0013	1	06/20/2020 13:04		
Acetochlor	ND	0.25	1	06/20/2020 13:04		
Anthracene	ND	0.0013	1	06/20/2020 13:04		
Benzidine	ND	1.2	1	06/20/2020 13:04		
Benzo (a) anthracene	ND	0.013	1	06/20/2020 13:04		
Benzo (a) pyrene	0.0034	0.0025	1	06/20/2020 13:04		
Benzo (b) fluoranthene	ND	0.0063	1	06/20/2020 13:04		
Benzo (g,h,i) perylene	0.0046	0.0025	1	06/20/2020 13:04		
Benzo (k) fluoranthene	0.0018	0.0013	1	06/20/2020 13:04		
Benzyl Alcohol	ND	1.2	1	06/20/2020 13:04		
1,1-Biphenyl	ND	0.013	1	06/20/2020 13:04		
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/20/2020 13:04		
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/20/2020 13:04		
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/20/2020 13:04		
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/20/2020 13:04		
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/20/2020 13:04		
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/20/2020 13:04		
Butylbenzyl Phthalate	ND	0.025	1	06/20/2020 13:04		
4-Chloroaniline	ND	0.0025	1	06/20/2020 13:04		
4-Chloro-3-methylphenol	ND	0.25	1	06/20/2020 13:04		
2-Chloronaphthalene	ND	0.25	1	06/20/2020 13:04		
2-Chlorophenol	ND	0.013	1	06/20/2020 13:04		
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/20/2020 13:04		
Chrysene	0.0028	0.0025	1	06/20/2020 13:04		
Dibenzo (a,h) anthracene	ND	0.0025	1	06/20/2020 13:04		
Dibenzofuran	ND	0.25	1	06/20/2020 13:04		
Di-n-butyl Phthalate	ND	0.013	1	06/20/2020 13:04		
1,2-Dichlorobenzene	ND	0.25	1	06/20/2020 13:04		
1,3-Dichlorobenzene	ND	0.25	1	06/20/2020 13:04		
1,4-Dichlorobenzene	ND	0.25	1	06/20/2020 13:04		
3,3-Dichlorobenzidine	ND	0.0025	1	06/20/2020 13:04		
2,4-Dichlorophenol	ND	0.013	1	06/20/2020 13:04		
Diethyl Phthalate	ND	0.013	1	06/20/2020 13:04		
2,4-Dimethylphenol	ND	0.25	1	06/20/2020 13:04		
Dimethyl Phthalate	ND	0.0025	1	06/20/2020 13:04		
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/20/2020 13:04		

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35		GC21 06202009.D	200316
Analytes	Result	RL	DF	Date Analyzed		
2,4-Dinitrophenol	ND	0.25	1	06/20/2020 13:04		
2,4-Dinitrotoluene	ND	0.013	1	06/20/2020 13:04		
2,6-Dinitrotoluene	ND	0.013	1	06/20/2020 13:04		
Di-n-octyl Phthalate	ND	0.013	1	06/20/2020 13:04		
1,2-Diphenylhydrazine	ND	0.25	1	06/20/2020 13:04		
Fluoranthene	0.0046	0.0013	1	06/20/2020 13:04		
Fluorene	ND	0.0025	1	06/20/2020 13:04		
Hexachlorobenzene	ND	0.0013	1	06/20/2020 13:04		
Hexachlorobutadiene	ND	0.0025	1	06/20/2020 13:04		
Hexachlorocyclopentadiene	ND	2.0	1	06/20/2020 13:04		
Hexachloroethane	ND	0.013	1	06/20/2020 13:04		
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/20/2020 13:04		
Isophorone	ND	0.25	1	06/20/2020 13:04		
2-Methylnaphthalene	0.0042	0.0025	1	06/20/2020 13:04		
2-Methylphenol (o-Cresol)	ND	0.25	1	06/20/2020 13:04		
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/20/2020 13:04		
Naphthalene	0.0039	0.0013	1	06/20/2020 13:04		
2-Nitroaniline	ND	1.2	1	06/20/2020 13:04		
3-Nitroaniline	ND	1.2	1	06/20/2020 13:04		
4-Nitroaniline	ND	1.2	1	06/20/2020 13:04		
Nitrobenzene	ND	0.25	1	06/20/2020 13:04		
2-Nitrophenol	ND	1.2	1	06/20/2020 13:04		
4-Nitrophenol	ND	1.2	1	06/20/2020 13:04		
N-Nitrosodiphenylamine	ND	0.25	1	06/20/2020 13:04		
N-Nitrosodi-n-propylamine	ND	0.25	1	06/20/2020 13:04		
Pentachlorophenol	ND	0.062	1	06/20/2020 13:04		
Phenanthrene	ND	0.0050	1	06/20/2020 13:04		
Phenol	ND	0.050	1	06/20/2020 13:04		
Pyrene	0.0051	0.0025	1	06/20/2020 13:04		
Pyridine	ND	0.25	1	06/20/2020 13:04		
1,2,4-Trichlorobenzene	ND	0.25	1	06/20/2020 13:04		
2,4,5-Trichlorophenol	ND	0.0025	1	06/20/2020 13:04		
2,4,6-Trichlorophenol	ND	0.013	1	06/20/2020 13:04		

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC21 06202009.D	200316

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	112		60-130	06/20/2020 13:04
Phenol-d5	106		60-130	06/20/2020 13:04
Nitrobenzene-d5	86		60-130	06/20/2020 13:04
2-Fluorobiphenyl	82		60-130	06/20/2020 13:04
2,4,6-Tribromophenol	13	S	50-130	06/20/2020 13:04
4-Terphenyl-d14	79		50-130	06/20/2020 13:04

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC21 06192023.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 17:30
Acenaphthylene	ND	0.0013	1	06/19/2020 17:30
Acetochlor	ND	0.25	1	06/19/2020 17:30
Anthracene	ND	0.0013	1	06/19/2020 17:30
Benzidine	ND	1.2	1	06/19/2020 17:30
Benzo (a) anthracene	ND	0.013	1	06/19/2020 17:30
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 17:30
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 17:30
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 17:30
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 17:30
Benzyl Alcohol	ND	1.2	1	06/19/2020 17:30
1,1-Biphenyl	ND	0.013	1	06/19/2020 17:30
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 17:30
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 17:30
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 17:30
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 17:30
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 17:30
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 17:30
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 17:30
4-Chloroaniline	ND	0.0025	1	06/19/2020 17:30
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 17:30
2-Chloronaphthalene	ND	0.25	1	06/19/2020 17:30
2-Chlorophenol	ND	0.013	1	06/19/2020 17:30
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 17:30
Chrysene	ND	0.0025	1	06/19/2020 17:30
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 17:30
Dibenzofuran	ND	0.25	1	06/19/2020 17:30
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 17:30
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 17:30
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 17:30
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 17:30
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 17:30
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 17:30
Diethyl Phthalate	ND	0.013	1	06/19/2020 17:30
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 17:30
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 17:30
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 17:30

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC21 06192023.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 17:30
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 17:30
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 17:30
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 17:30
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 17:30
Fluoranthene	ND	0.0013	1	06/19/2020 17:30
Fluorene	ND	0.0025	1	06/19/2020 17:30
Hexachlorobenzene	ND	0.0013	1	06/19/2020 17:30
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 17:30
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 17:30
Hexachloroethane	ND	0.013	1	06/19/2020 17:30
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 17:30
Isophorone	ND	0.25	1	06/19/2020 17:30
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 17:30
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 17:30
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 17:30
Naphthalene	ND	0.0013	1	06/19/2020 17:30
2-Nitroaniline	ND	1.2	1	06/19/2020 17:30
3-Nitroaniline	ND	1.2	1	06/19/2020 17:30
4-Nitroaniline	ND	1.2	1	06/19/2020 17:30
Nitrobenzene	ND	0.25	1	06/19/2020 17:30
2-Nitrophenol	ND	1.2	1	06/19/2020 17:30
4-Nitrophenol	ND	1.2	1	06/19/2020 17:30
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 17:30
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 17:30
Pentachlorophenol	ND	0.062	1	06/19/2020 17:30
Phenanthrene	ND	0.0050	1	06/19/2020 17:30
Phenol	ND	0.050	1	06/19/2020 17:30
Pyrene	ND	0.0025	1	06/19/2020 17:30
Pyridine	ND	0.25	1	06/19/2020 17:30
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 17:30
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 17:30
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 17:30

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC21 06192023.D	200232

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
2-Fluorophenol	107		60-130	06/19/2020 17:30
Phenol-d5	95		60-130	06/19/2020 17:30
Nitrobenzene-d5	85		60-130	06/19/2020 17:30
2-Fluorobiphenyl	82		60-130	06/19/2020 17:30
2,4,6-Tribromophenol	43	S	50-130	06/19/2020 17:30
4-Terphenyl-d14	76		50-130	06/19/2020 17:30

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC21 06202017.D	200232

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/20/2020 16:41
Acenaphthylene	ND	0.0013	1	06/20/2020 16:41
Acetochlor	ND	0.25	1	06/20/2020 16:41
Anthracene	ND	0.0013	1	06/20/2020 16:41
Benzidine	ND	1.2	1	06/20/2020 16:41
Benzo (a) anthracene	ND	0.013	1	06/20/2020 16:41
Benzo (a) pyrene	ND	0.0025	1	06/20/2020 16:41
Benzo (b) fluoranthene	ND	0.0063	1	06/20/2020 16:41
Benzo (g,h,i) perylene	ND	0.0025	1	06/20/2020 16:41
Benzo (k) fluoranthene	ND	0.0013	1	06/20/2020 16:41
Benzyl Alcohol	ND	1.2	1	06/20/2020 16:41
1,1-Biphenyl	ND	0.013	1	06/20/2020 16:41
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/20/2020 16:41
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/20/2020 16:41
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/20/2020 16:41
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/20/2020 16:41
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/20/2020 16:41
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/20/2020 16:41
Butylbenzyl Phthalate	ND	0.025	1	06/20/2020 16:41
4-Chloroaniline	ND	0.0025	1	06/20/2020 16:41
4-Chloro-3-methylphenol	ND	0.25	1	06/20/2020 16:41
2-Chloronaphthalene	ND	0.25	1	06/20/2020 16:41
2-Chlorophenol	ND	0.013	1	06/20/2020 16:41
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/20/2020 16:41
Chrysene	ND	0.0025	1	06/20/2020 16:41
Dibenzo (a,h) anthracene	ND	0.0025	1	06/20/2020 16:41
Dibenzofuran	ND	0.25	1	06/20/2020 16:41
Di-n-butyl Phthalate	ND	0.013	1	06/20/2020 16:41
1,2-Dichlorobenzene	ND	0.25	1	06/20/2020 16:41
1,3-Dichlorobenzene	ND	0.25	1	06/20/2020 16:41
1,4-Dichlorobenzene	ND	0.25	1	06/20/2020 16:41
3,3-Dichlorobenzidine	ND	0.0025	1	06/20/2020 16:41
2,4-Dichlorophenol	ND	0.013	1	06/20/2020 16:41
Diethyl Phthalate	ND	0.013	1	06/20/2020 16:41
2,4-Dimethylphenol	ND	0.25	1	06/20/2020 16:41
Dimethyl Phthalate	ND	0.0025	1	06/20/2020 16:41
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/20/2020 16:41

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC21 06202017.D	200232

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/20/2020 16:41
2,4-Dinitrotoluene	ND	0.013	1	06/20/2020 16:41
2,6-Dinitrotoluene	ND	0.013	1	06/20/2020 16:41
Di-n-octyl Phthalate	ND	0.013	1	06/20/2020 16:41
1,2-Diphenylhydrazine	ND	0.25	1	06/20/2020 16:41
Fluoranthene	ND	0.0013	1	06/20/2020 16:41
Fluorene	ND	0.0025	1	06/20/2020 16:41
Hexachlorobenzene	ND	0.0013	1	06/20/2020 16:41
Hexachlorobutadiene	ND	0.0025	1	06/20/2020 16:41
Hexachlorocyclopentadiene	ND	2.0	1	06/20/2020 16:41
Hexachloroethane	ND	0.013	1	06/20/2020 16:41
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/20/2020 16:41
Isophorone	ND	0.25	1	06/20/2020 16:41
2-Methylnaphthalene	ND	0.0025	1	06/20/2020 16:41
2-Methylphenol (o-Cresol)	ND	0.25	1	06/20/2020 16:41
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/20/2020 16:41
Naphthalene	ND	0.0013	1	06/20/2020 16:41
2-Nitroaniline	ND	1.2	1	06/20/2020 16:41
3-Nitroaniline	ND	1.2	1	06/20/2020 16:41
4-Nitroaniline	ND	1.2	1	06/20/2020 16:41
Nitrobenzene	ND	0.25	1	06/20/2020 16:41
2-Nitrophenol	ND	1.2	1	06/20/2020 16:41
4-Nitrophenol	ND	1.2	1	06/20/2020 16:41
N-Nitrosodiphenylamine	ND	0.25	1	06/20/2020 16:41
N-Nitrosodi-n-propylamine	ND	0.25	1	06/20/2020 16:41
Pentachlorophenol	ND	0.062	1	06/20/2020 16:41
Phenanthrene	ND	0.0050	1	06/20/2020 16:41
Phenol	ND	0.050	1	06/20/2020 16:41
Pyrene	ND	0.0025	1	06/20/2020 16:41
Pyridine	ND	0.25	1	06/20/2020 16:41
1,2,4-Trichlorobenzene	ND	0.25	1	06/20/2020 16:41
2,4,5-Trichlorophenol	ND	0.0025	1	06/20/2020 16:41
2,4,6-Trichlorophenol	ND	0.013	1	06/20/2020 16:41

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC21 06202017.D	200232

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	110		60-130	06/20/2020 16:41
Phenol-d5	104		60-130	06/20/2020 16:41
Nitrobenzene-d5	86		60-130	06/20/2020 16:41
2-Fluorobiphenyl	82		60-130	06/20/2020 16:41
2,4,6-Tribromophenol	30	S	50-130	06/20/2020 16:41
4-Terphenyl-d14	79		50-130	06/20/2020 16:41

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC21 06192024.D	200316

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 17:58
Acenaphthylene	ND	0.0013	1	06/19/2020 17:58
Acetochlor	ND	0.25	1	06/19/2020 17:58
Anthracene	ND	0.0013	1	06/19/2020 17:58
Benzidine	ND	1.2	1	06/19/2020 17:58
Benzo (a) anthracene	ND	0.013	1	06/19/2020 17:58
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 17:58
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 17:58
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 17:58
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 17:58
Benzyl Alcohol	ND	1.2	1	06/19/2020 17:58
1,1-Biphenyl	ND	0.013	1	06/19/2020 17:58
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 17:58
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 17:58
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 17:58
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 17:58
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 17:58
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 17:58
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 17:58
4-Chloroaniline	ND	0.0025	1	06/19/2020 17:58
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 17:58
2-Chloronaphthalene	ND	0.25	1	06/19/2020 17:58
2-Chlorophenol	ND	0.013	1	06/19/2020 17:58
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 17:58
Chrysene	ND	0.0025	1	06/19/2020 17:58
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 17:58
Dibenzofuran	ND	0.25	1	06/19/2020 17:58
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 17:58
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 17:58
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 17:58
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 17:58
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 17:58
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 17:58
Diethyl Phthalate	ND	0.013	1	06/19/2020 17:58
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 17:58
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 17:58
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 17:58

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC21 06192024.D	200316

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 17:58
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 17:58
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 17:58
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 17:58
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 17:58
Fluoranthene	ND	0.0013	1	06/19/2020 17:58
Fluorene	ND	0.0025	1	06/19/2020 17:58
Hexachlorobenzene	ND	0.0013	1	06/19/2020 17:58
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 17:58
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 17:58
Hexachloroethane	ND	0.013	1	06/19/2020 17:58
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 17:58
Isophorone	ND	0.25	1	06/19/2020 17:58
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 17:58
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 17:58
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 17:58
Naphthalene	ND	0.0013	1	06/19/2020 17:58
2-Nitroaniline	ND	1.2	1	06/19/2020 17:58
3-Nitroaniline	ND	1.2	1	06/19/2020 17:58
4-Nitroaniline	ND	1.2	1	06/19/2020 17:58
Nitrobenzene	ND	0.25	1	06/19/2020 17:58
2-Nitrophenol	ND	1.2	1	06/19/2020 17:58
4-Nitrophenol	ND	1.2	1	06/19/2020 17:58
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 17:58
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 17:58
Pentachlorophenol	ND	0.062	1	06/19/2020 17:58
Phenanthrene	ND	0.0050	1	06/19/2020 17:58
Phenol	ND	0.050	1	06/19/2020 17:58
Pyrene	ND	0.0025	1	06/19/2020 17:58
Pyridine	ND	0.25	1	06/19/2020 17:58
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 17:58
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 17:58
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 17:58

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC21 06192024.D	200316

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	123		60-130	06/19/2020 17:58
Phenol-d5	115		60-130	06/19/2020 17:58
Nitrobenzene-d5	97		60-130	06/19/2020 17:58
2-Fluorobiphenyl	94		60-130	06/19/2020 17:58
2,4,6-Tribromophenol	13	S	50-130	06/19/2020 17:58
4-Terphenyl-d14	91		50-130	06/19/2020 17:58

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC21 06192025.D	200316

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 18:25
Acenaphthylene	ND	0.0013	1	06/19/2020 18:25
Acetochlor	ND	0.25	1	06/19/2020 18:25
Anthracene	ND	0.0013	1	06/19/2020 18:25
Benzidine	ND	1.2	1	06/19/2020 18:25
Benzo (a) anthracene	ND	0.013	1	06/19/2020 18:25
Benzo (a) pyrene	0.0033	0.0025	1	06/19/2020 18:25
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 18:25
Benzo (g,h,i) perylene	0.0031	0.0025	1	06/19/2020 18:25
Benzo (k) fluoranthene	0.0019	0.0013	1	06/19/2020 18:25
Benzyl Alcohol	ND	1.2	1	06/19/2020 18:25
1,1-Biphenyl	ND	0.013	1	06/19/2020 18:25
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 18:25
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 18:25
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 18:25
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 18:25
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 18:25
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 18:25
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 18:25
4-Chloroaniline	ND	0.0025	1	06/19/2020 18:25
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 18:25
2-Chloronaphthalene	ND	0.25	1	06/19/2020 18:25
2-Chlorophenol	ND	0.013	1	06/19/2020 18:25
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 18:25
Chrysene	0.0050	0.0025	1	06/19/2020 18:25
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 18:25
Dibenzofuran	ND	0.25	1	06/19/2020 18:25
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 18:25
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 18:25
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 18:25
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 18:25
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 18:25
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 18:25
Diethyl Phthalate	ND	0.013	1	06/19/2020 18:25
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 18:25
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 18:25
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 18:25

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12		GC21 06192025.D	200316
Analytes	Result	RL	DF	Date Analyzed		
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 18:25		
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 18:25		
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 18:25		
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 18:25		
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 18:25		
Fluoranthene	0.0048	0.0013	1	06/19/2020 18:25		
Fluorene	ND	0.0025	1	06/19/2020 18:25		
Hexachlorobenzene	ND	0.0013	1	06/19/2020 18:25		
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 18:25		
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 18:25		
Hexachloroethane	ND	0.013	1	06/19/2020 18:25		
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 18:25		
Isophorone	ND	0.25	1	06/19/2020 18:25		
2-Methylnaphthalene	0.0034	0.0025	1	06/19/2020 18:25		
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 18:25		
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 18:25		
Naphthalene	0.0023	0.0013	1	06/19/2020 18:25		
2-Nitroaniline	ND	1.2	1	06/19/2020 18:25		
3-Nitroaniline	ND	1.2	1	06/19/2020 18:25		
4-Nitroaniline	ND	1.2	1	06/19/2020 18:25		
Nitrobenzene	ND	0.25	1	06/19/2020 18:25		
2-Nitrophenol	ND	1.2	1	06/19/2020 18:25		
4-Nitrophenol	ND	1.2	1	06/19/2020 18:25		
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 18:25		
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 18:25		
Pentachlorophenol	ND	0.062	1	06/19/2020 18:25		
Phenanthrene	0.0068	0.0050	1	06/19/2020 18:25		
Phenol	ND	0.050	1	06/19/2020 18:25		
Pyrene	0.0044	0.0025	1	06/19/2020 18:25		
Pyridine	ND	0.25	1	06/19/2020 18:25		
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 18:25		
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 18:25		
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 18:25		

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC21 06192025.D	200316

Analytes	Result	RL	DF	Date Analyzed
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Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
2-Fluorophenol	102		60-130	06/19/2020 18:25
Phenol-d5	96		60-130	06/19/2020 18:25
Nitrobenzene-d5	81		60-130	06/19/2020 18:25
2-Fluorobiphenyl	76		60-130	06/19/2020 18:25
2,4,6-Tribromophenol	45	S	50-130	06/19/2020 18:25
4-Terphenyl-d14	76		50-130	06/19/2020 18:25

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC21 06192026.D	200316

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	06/19/2020 18:53
Acenaphthylene	ND	0.0013	1	06/19/2020 18:53
Acetochlor	ND	0.25	1	06/19/2020 18:53
Anthracene	ND	0.0013	1	06/19/2020 18:53
Benzidine	ND	1.2	1	06/19/2020 18:53
Benzo (a) anthracene	ND	0.013	1	06/19/2020 18:53
Benzo (a) pyrene	ND	0.0025	1	06/19/2020 18:53
Benzo (b) fluoranthene	ND	0.0063	1	06/19/2020 18:53
Benzo (g,h,i) perylene	ND	0.0025	1	06/19/2020 18:53
Benzo (k) fluoranthene	ND	0.0013	1	06/19/2020 18:53
Benzyl Alcohol	ND	1.2	1	06/19/2020 18:53
1,1-Biphenyl	ND	0.013	1	06/19/2020 18:53
Bis (2-chloroethoxy) Methane	ND	0.25	1	06/19/2020 18:53
Bis (2-chloroethyl) Ether	ND	0.0025	1	06/19/2020 18:53
Bis (2-chloroisopropyl) Ether	ND	0.013	1	06/19/2020 18:53
Bis (2-ethylhexyl) Adipate	ND	0.25	1	06/19/2020 18:53
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	06/19/2020 18:53
4-Bromophenyl Phenyl Ether	ND	0.25	1	06/19/2020 18:53
Butylbenzyl Phthalate	ND	0.025	1	06/19/2020 18:53
4-Chloroaniline	ND	0.0025	1	06/19/2020 18:53
4-Chloro-3-methylphenol	ND	0.25	1	06/19/2020 18:53
2-Chloronaphthalene	ND	0.25	1	06/19/2020 18:53
2-Chlorophenol	ND	0.013	1	06/19/2020 18:53
4-Chlorophenyl Phenyl Ether	ND	0.25	1	06/19/2020 18:53
Chrysene	ND	0.0025	1	06/19/2020 18:53
Dibenzo (a,h) anthracene	ND	0.0025	1	06/19/2020 18:53
Dibenzofuran	ND	0.25	1	06/19/2020 18:53
Di-n-butyl Phthalate	ND	0.013	1	06/19/2020 18:53
1,2-Dichlorobenzene	ND	0.25	1	06/19/2020 18:53
1,3-Dichlorobenzene	ND	0.25	1	06/19/2020 18:53
1,4-Dichlorobenzene	ND	0.25	1	06/19/2020 18:53
3,3-Dichlorobenzidine	ND	0.0025	1	06/19/2020 18:53
2,4-Dichlorophenol	ND	0.013	1	06/19/2020 18:53
Diethyl Phthalate	ND	0.013	1	06/19/2020 18:53
2,4-Dimethylphenol	ND	0.25	1	06/19/2020 18:53
Dimethyl Phthalate	ND	0.0025	1	06/19/2020 18:53
4,6-Dinitro-2-methylphenol	ND	1.2	1	06/19/2020 18:53

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC21 06192026.D	200316

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	06/19/2020 18:53
2,4-Dinitrotoluene	ND	0.013	1	06/19/2020 18:53
2,6-Dinitrotoluene	ND	0.013	1	06/19/2020 18:53
Di-n-octyl Phthalate	ND	0.013	1	06/19/2020 18:53
1,2-Diphenylhydrazine	ND	0.25	1	06/19/2020 18:53
Fluoranthene	ND	0.0013	1	06/19/2020 18:53
Fluorene	ND	0.0025	1	06/19/2020 18:53
Hexachlorobenzene	ND	0.0013	1	06/19/2020 18:53
Hexachlorobutadiene	ND	0.0025	1	06/19/2020 18:53
Hexachlorocyclopentadiene	ND	2.0	1	06/19/2020 18:53
Hexachloroethane	ND	0.013	1	06/19/2020 18:53
Indeno (1,2,3-cd) pyrene	ND	0.013	1	06/19/2020 18:53
Isophorone	ND	0.25	1	06/19/2020 18:53
2-Methylnaphthalene	ND	0.0025	1	06/19/2020 18:53
2-Methylphenol (o-Cresol)	ND	0.25	1	06/19/2020 18:53
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	06/19/2020 18:53
Naphthalene	ND	0.0013	1	06/19/2020 18:53
2-Nitroaniline	ND	1.2	1	06/19/2020 18:53
3-Nitroaniline	ND	1.2	1	06/19/2020 18:53
4-Nitroaniline	ND	1.2	1	06/19/2020 18:53
Nitrobenzene	ND	0.25	1	06/19/2020 18:53
2-Nitrophenol	ND	1.2	1	06/19/2020 18:53
4-Nitrophenol	ND	1.2	1	06/19/2020 18:53
N-Nitrosodiphenylamine	ND	0.25	1	06/19/2020 18:53
N-Nitrosodi-n-propylamine	ND	0.25	1	06/19/2020 18:53
Pentachlorophenol	ND	0.062	1	06/19/2020 18:53
Phenanthrene	ND	0.0050	1	06/19/2020 18:53
Phenol	ND	0.050	1	06/19/2020 18:53
Pyrene	ND	0.0025	1	06/19/2020 18:53
Pyridine	ND	0.25	1	06/19/2020 18:53
1,2,4-Trichlorobenzene	ND	0.25	1	06/19/2020 18:53
2,4,5-Trichlorophenol	ND	0.0025	1	06/19/2020 18:53
2,4,6-Trichlorophenol	ND	0.013	1	06/19/2020 18:53

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Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/17/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC21 06192026.D	200316

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>	
2-Fluorophenol	98		60-130	06/19/2020 18:53
Phenol-d5	92		60-130	06/19/2020 18:53
Nitrobenzene-d5	77		60-130	06/19/2020 18:53
2-Fluorobiphenyl	74		60-130	06/19/2020 18:53
2,4,6-Tribromophenol	21	S	50-130	06/19/2020 18:53
4-Terphenyl-d14	76		50-130	06/19/2020 18:53

Analyst(s): HD

Analytical Comments: c2



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	ICP-MS5 173SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 14:08
Arsenic	2.6	0.50	1	06/16/2020 14:08
Barium	73	5.0	1	06/16/2020 14:08
Beryllium	ND	0.50	1	06/16/2020 14:08
Cadmium	ND	0.50	1	06/16/2020 14:08
Chromium	36	0.50	1	06/16/2020 14:08
Cobalt	4.0	0.50	1	06/16/2020 14:08
Copper	9.0	0.50	1	06/16/2020 14:08
Lead	44	0.50	1	06/16/2020 14:08
Mercury	0.075	0.050	1	06/16/2020 14:08
Molybdenum	ND	0.50	1	06/16/2020 14:08
Nickel	21	0.50	1	06/16/2020 14:08
Selenium	ND	0.50	1	06/16/2020 14:08
Silver	ND	0.50	1	06/16/2020 14:08
Thallium	ND	0.50	1	06/16/2020 14:08
Vanadium	26	0.50	1	06/16/2020 14:08
Zinc	62	5.0	1	06/16/2020 14:08

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	105	70-130	06/16/2020 14:08

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	ICP-MS5 174SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 14:11
Arsenic	2.0	0.50	1	06/16/2020 14:11
Barium	54	5.0	1	06/16/2020 14:11
Beryllium	ND	0.50	1	06/16/2020 14:11
Cadmium	ND	0.50	1	06/16/2020 14:11
Chromium	40	0.50	1	06/16/2020 14:11
Cobalt	3.6	0.50	1	06/16/2020 14:11
Copper	6.3	0.50	1	06/16/2020 14:11
Lead	2.4	0.50	1	06/16/2020 14:11
Mercury	ND	0.050	1	06/16/2020 14:11
Molybdenum	ND	0.50	1	06/16/2020 14:11
Nickel	23	0.50	1	06/16/2020 14:11
Selenium	ND	0.50	1	06/16/2020 14:11
Silver	ND	0.50	1	06/16/2020 14:11
Thallium	ND	0.50	1	06/16/2020 14:11
Vanadium	27	0.50	1	06/16/2020 14:11
Zinc	18	5.0	1	06/16/2020 14:11

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/16/2020 14:11

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	ICP-MS5 175SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 14:15
Arsenic	3.3	0.50	1	06/16/2020 14:15
Barium	54	5.0	1	06/16/2020 14:15
Beryllium	ND	0.50	1	06/16/2020 14:15
Cadmium	ND	0.50	1	06/16/2020 14:15
Chromium	42	0.50	1	06/16/2020 14:15
Cobalt	4.6	0.50	1	06/16/2020 14:15
Copper	7.5	0.50	1	06/16/2020 14:15
Lead	3.1	0.50	1	06/16/2020 14:15
Mercury	ND	0.050	1	06/16/2020 14:15
Molybdenum	ND	0.50	1	06/16/2020 14:15
Nickel	34	0.50	1	06/16/2020 14:15
Selenium	ND	0.50	1	06/16/2020 14:15
Silver	ND	0.50	1	06/16/2020 14:15
Thallium	ND	0.50	1	06/16/2020 14:15
Vanadium	35	0.50	1	06/16/2020 14:15
Zinc	23	5.0	1	06/16/2020 14:15

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/16/2020 14:15

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	ICP-MS5 176SMPL.d	200040

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	1.2		0.50	1	06/16/2020 14:18
Arsenic	5.6		0.50	1	06/16/2020 14:18
Barium	210		5.0	1	06/16/2020 14:18
Beryllium	ND		0.50	1	06/16/2020 14:18
Cadmium	2.2	B	0.50	1	06/16/2020 14:18
Chromium	45		0.50	1	06/16/2020 14:18
Cobalt	6.7		0.50	1	06/16/2020 14:18
Copper	27		0.50	1	06/16/2020 14:18
Lead	390		0.50	1	06/16/2020 14:18
Mercury	1.3		0.050	1	06/16/2020 14:18
Molybdenum	ND		0.50	1	06/16/2020 14:18
Nickel	35		0.50	1	06/16/2020 14:18
Selenium	ND		0.50	1	06/16/2020 14:18
Silver	ND		0.50	1	06/16/2020 14:18
Thallium	ND		0.50	1	06/16/2020 14:18
Vanadium	34		0.50	1	06/16/2020 14:18
Zinc	270		5.0	1	06/16/2020 14:18

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	102	70-130	06/16/2020 14:18

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	ICP-MS5 177SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 14:21
Arsenic	3.1	0.50	1	06/16/2020 14:21
Barium	59	5.0	1	06/16/2020 14:21
Beryllium	ND	0.50	1	06/16/2020 14:21
Cadmium	ND	0.50	1	06/16/2020 14:21
Chromium	59	0.50	1	06/16/2020 14:21
Cobalt	8.2	0.50	1	06/16/2020 14:21
Copper	7.9	0.50	1	06/16/2020 14:21
Lead	3.5	0.50	1	06/16/2020 14:21
Mercury	ND	0.050	1	06/16/2020 14:21
Molybdenum	ND	0.50	1	06/16/2020 14:21
Nickel	44	0.50	1	06/16/2020 14:21
Selenium	ND	0.50	1	06/16/2020 14:21
Silver	ND	0.50	1	06/16/2020 14:21
Thallium	ND	0.50	1	06/16/2020 14:21
Vanadium	40	0.50	1	06/16/2020 14:21
Zinc	33	5.0	1	06/16/2020 14:21

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	103	70-130	06/16/2020 14:21

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	ICP-MS5 178SMPL.d	200040

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 14:24
Arsenic	3.2	0.50	1	06/16/2020 14:24
Barium	74	5.0	1	06/16/2020 14:24
Beryllium	ND	0.50	1	06/16/2020 14:24
Cadmium	ND	0.50	1	06/16/2020 14:24
Chromium	44	0.50	1	06/16/2020 14:24
Cobalt	6.2	0.50	1	06/16/2020 14:24
Copper	8.8	0.50	1	06/16/2020 14:24
Lead	3.2	0.50	1	06/16/2020 14:24
Mercury	ND	0.050	1	06/16/2020 14:24
Molybdenum	ND	0.50	1	06/16/2020 14:24
Nickel	41	0.50	1	06/16/2020 14:24
Selenium	ND	0.50	1	06/16/2020 14:24
Silver	ND	0.50	1	06/16/2020 14:24
Thallium	ND	0.50	1	06/16/2020 14:24
Vanadium	33	0.50	1	06/16/2020 14:24
Zinc	25	5.0	1	06/16/2020 14:24

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	102	70-130	06/16/2020 14:24

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	ICP-MS5 179SMPL.d	200040

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	1.3		0.50	1	06/16/2020 14:27
Arsenic	5.9		0.50	1	06/16/2020 14:27
Barium	240		5.0	1	06/16/2020 14:27
Beryllium	ND		0.50	1	06/16/2020 14:27
Cadmium	1.2	B	0.50	1	06/16/2020 14:27
Chromium	41		0.50	1	06/16/2020 14:27
Cobalt	7.5		0.50	1	06/16/2020 14:27
Copper	45		0.50	1	06/16/2020 14:27
Lead	370		0.50	1	06/16/2020 14:27
Mercury	0.29		0.050	1	06/16/2020 14:27
Molybdenum	0.54		0.50	1	06/16/2020 14:27
Nickel	30		0.50	1	06/16/2020 14:27
Selenium	ND		0.50	1	06/16/2020 14:27
Silver	ND		0.50	1	06/16/2020 14:27
Thallium	ND		0.50	1	06/16/2020 14:27
Vanadium	31		0.50	1	06/16/2020 14:27
Zinc	300		5.0	1	06/16/2020 14:27

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	101	70-130	06/16/2020 14:27

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	ICP-MS5 180SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.59	0.50	1	06/16/2020 14:31
Arsenic	2.2	0.50	1	06/16/2020 14:31
Barium	71	5.0	1	06/16/2020 14:31
Beryllium	ND	0.50	1	06/16/2020 14:31
Cadmium	ND	0.50	1	06/16/2020 14:31
Chromium	34	0.50	1	06/16/2020 14:31
Cobalt	5.4	0.50	1	06/16/2020 14:31
Copper	9.0	0.50	1	06/16/2020 14:31
Lead	51	0.50	1	06/16/2020 14:31
Mercury	0.064	0.050	1	06/16/2020 14:31
Molybdenum	ND	0.50	1	06/16/2020 14:31
Nickel	20	0.50	1	06/16/2020 14:31
Selenium	ND	0.50	1	06/16/2020 14:31
Silver	ND	0.50	1	06/16/2020 14:31
Thallium	ND	0.50	1	06/16/2020 14:31
Vanadium	26	0.50	1	06/16/2020 14:31
Zinc	82	5.0	1	06/16/2020 14:31

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/16/2020 14:31

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	ICP-MS5 181SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 14:34
Arsenic	2.8	0.50	1	06/16/2020 14:34
Barium	68	5.0	1	06/16/2020 14:34
Beryllium	ND	0.50	1	06/16/2020 14:34
Cadmium	ND	0.50	1	06/16/2020 14:34
Chromium	40	0.50	1	06/16/2020 14:34
Cobalt	12	0.50	1	06/16/2020 14:34
Copper	7.6	0.50	1	06/16/2020 14:34
Lead	7.2	0.50	1	06/16/2020 14:34
Mercury	ND	0.050	1	06/16/2020 14:34
Molybdenum	ND	0.50	1	06/16/2020 14:34
Nickel	33	0.50	1	06/16/2020 14:34
Selenium	ND	0.50	1	06/16/2020 14:34
Silver	ND	0.50	1	06/16/2020 14:34
Thallium	ND	0.50	1	06/16/2020 14:34
Vanadium	33	0.50	1	06/16/2020 14:34
Zinc	57	5.0	1	06/16/2020 14:34

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	103	70-130	06/16/2020 14:34

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	ICP-MS5 205SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	2.2	0.50	1	06/16/2020 15:52
Arsenic	5.2	0.50	1	06/16/2020 15:52
Barium	330	5.0	1	06/16/2020 15:52
Beryllium	ND	0.50	1	06/16/2020 15:52
Cadmium	3.8	0.50	1	06/16/2020 15:52
Chromium	57	0.50	1	06/16/2020 15:52
Cobalt	5.3	0.50	1	06/16/2020 15:52
Copper	150	0.50	1	06/16/2020 15:52
Lead	690	5.0	10	06/17/2020 19:43
Mercury	0.98	0.050	1	06/16/2020 15:52
Molybdenum	0.57	0.50	1	06/16/2020 15:52
Nickel	27	0.50	1	06/16/2020 15:52
Selenium	ND	0.50	1	06/16/2020 15:52
Silver	0.55	0.50	1	06/16/2020 15:52
Thallium	ND	0.50	1	06/16/2020 15:52
Vanadium	29	0.50	1	06/16/2020 15:52
Zinc	530	5.0	1	06/16/2020 15:52

Surrogates	REC (%)	Limits	
Terbium	101	70-130	06/16/2020 15:52

Analyst(s): JAG, MIG



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	ICP-MS5 188SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/22/2020 14:19
Arsenic	2.3	0.50	1	06/22/2020 14:19
Barium	61	5.0	1	06/22/2020 14:19
Beryllium	ND	0.50	1	06/22/2020 14:19
Cadmium	ND	0.50	1	06/22/2020 14:19
Chromium	37	0.50	1	06/22/2020 14:19
Cobalt	3.7	0.50	1	06/22/2020 14:19
Copper	9.0	0.50	1	06/22/2020 14:19
Lead	24	0.50	1	06/22/2020 14:19
Mercury	0.072	0.050	1	06/22/2020 14:19
Molybdenum	ND	0.50	1	06/22/2020 14:19
Nickel	21	0.50	1	06/22/2020 14:19
Selenium	ND	0.50	1	06/22/2020 14:19
Silver	ND	0.50	1	06/22/2020 14:19
Thallium	ND	0.50	1	06/22/2020 14:19
Vanadium	28	0.50	1	06/22/2020 14:19
Zinc	43	5.0	1	06/22/2020 14:19

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	103	70-130	06/22/2020 14:19

Analyst(s): MIG



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	ICP-MS5 207SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 15:58
Arsenic	2.4	0.50	1	06/16/2020 15:58
Barium	55	5.0	1	06/16/2020 15:58
Beryllium	ND	0.50	1	06/16/2020 15:58
Cadmium	ND	0.50	1	06/16/2020 15:58
Chromium	38	0.50	1	06/16/2020 15:58
Cobalt	4.2	0.50	1	06/16/2020 15:58
Copper	7.2	0.50	1	06/16/2020 15:58
Lead	6.3	0.50	1	06/16/2020 15:58
Mercury	ND	0.050	1	06/16/2020 15:58
Molybdenum	ND	0.50	1	06/16/2020 15:58
Nickel	21	0.50	1	06/16/2020 15:58
Selenium	ND	0.50	1	06/16/2020 15:58
Silver	ND	0.50	1	06/16/2020 15:58
Thallium	ND	0.50	1	06/16/2020 15:58
Vanadium	27	0.50	1	06/16/2020 15:58
Zinc	25	5.0	1	06/16/2020 15:58

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	103	70-130	06/16/2020 15:58

Analyst(s): MIG



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	ICP-MS5 221SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 16:43
Arsenic	2.5	0.50	1	06/16/2020 16:43
Barium	50	5.0	1	06/16/2020 16:43
Beryllium	ND	0.50	1	06/16/2020 16:43
Cadmium	ND	0.50	1	06/16/2020 16:43
Chromium	42	0.50	1	06/16/2020 16:43
Cobalt	3.6	0.50	1	06/16/2020 16:43
Copper	7.1	0.50	1	06/16/2020 16:43
Lead	2.9	0.50	1	06/16/2020 16:43
Mercury	ND	0.050	1	06/16/2020 16:43
Molybdenum	ND	0.50	1	06/16/2020 16:43
Nickel	23	0.50	1	06/16/2020 16:43
Selenium	ND	0.50	1	06/16/2020 16:43
Silver	ND	0.50	1	06/16/2020 16:43
Thallium	ND	0.50	1	06/16/2020 16:43
Vanadium	32	0.50	1	06/16/2020 16:43
Zinc	20	5.0	1	06/16/2020 16:43

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	06/16/2020 16:43

Analyst(s): MIG



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	ICP-MS5 222SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 16:46
Arsenic	4.1	0.50	1	06/16/2020 16:46
Barium	53	5.0	1	06/16/2020 16:46
Beryllium	ND	0.50	1	06/16/2020 16:46
Cadmium	ND	0.50	1	06/16/2020 16:46
Chromium	53	0.50	1	06/16/2020 16:46
Cobalt	5.0	0.50	1	06/16/2020 16:46
Copper	8.9	0.50	1	06/16/2020 16:46
Lead	4.9	0.50	1	06/16/2020 16:46
Mercury	ND	0.050	1	06/16/2020 16:46
Molybdenum	ND	0.50	1	06/16/2020 16:46
Nickel	35	0.50	1	06/16/2020 16:46
Selenium	ND	0.50	1	06/16/2020 16:46
Silver	ND	0.50	1	06/16/2020 16:46
Thallium	ND	0.50	1	06/16/2020 16:46
Vanadium	41	0.50	1	06/16/2020 16:46
Zinc	23	5.0	1	06/16/2020 16:46

Surrogates	REC (%)	Limits	
Terbium	103	70-130	06/16/2020 16:46

Analyst(s): MIG



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	ICP-MS5 223SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 16:50
Arsenic	2.4	0.50	1	06/16/2020 16:50
Barium	91	5.0	1	06/16/2020 16:50
Beryllium	ND	0.50	1	06/16/2020 16:50
Cadmium	ND	0.50	1	06/16/2020 16:50
Chromium	38	0.50	1	06/16/2020 16:50
Cobalt	4.1	0.50	1	06/16/2020 16:50
Copper	9.8	0.50	1	06/16/2020 16:50
Lead	27	0.50	1	06/16/2020 16:50
Mercury	0.14	0.050	1	06/16/2020 16:50
Molybdenum	ND	0.50	1	06/16/2020 16:50
Nickel	20	0.50	1	06/16/2020 16:50
Selenium	ND	0.50	1	06/16/2020 16:50
Silver	ND	0.50	1	06/16/2020 16:50
Thallium	ND	0.50	1	06/16/2020 16:50
Vanadium	26	0.50	1	06/16/2020 16:50
Zinc	29	5.0	1	06/16/2020 16:50

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	101	70-130	06/16/2020 16:50

Analyst(s): MIG



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	ICP-MS5 224SMPL.d	200069

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	06/16/2020 16:53
Arsenic	2.2	0.50	1	06/16/2020 16:53
Barium	66	5.0	1	06/16/2020 16:53
Beryllium	ND	0.50	1	06/16/2020 16:53
Cadmium	ND	0.50	1	06/16/2020 16:53
Chromium	40	0.50	1	06/16/2020 16:53
Cobalt	4.5	0.50	1	06/16/2020 16:53
Copper	6.7	0.50	1	06/16/2020 16:53
Lead	2.5	0.50	1	06/16/2020 16:53
Mercury	ND	0.050	1	06/16/2020 16:53
Molybdenum	ND	0.50	1	06/16/2020 16:53
Nickel	22	0.50	1	06/16/2020 16:53
Selenium	ND	0.50	1	06/16/2020 16:53
Silver	ND	0.50	1	06/16/2020 16:53
Thallium	ND	0.50	1	06/16/2020 16:53
Vanadium	28	0.50	1	06/16/2020 16:53
Zinc	19	5.0	1	06/16/2020 16:53

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	105	70-130	06/16/2020 16:53

Analyst(s): MIG



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC3 06152034.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/16/2020 05:50
MTBE	---	0.050	1	06/16/2020 05:50
Benzene	---	0.0050	1	06/16/2020 05:50
Toluene	---	0.0050	1	06/16/2020 05:50
Ethylbenzene	---	0.0050	1	06/16/2020 05:50
m,p-Xylene	---	0.010	1	06/16/2020 05:50
o-Xylene	---	0.0050	1	06/16/2020 05:50
Xylenes	---	0.0050	1	06/16/2020 05:50

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	87	62-126	06/16/2020 05:50

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC3 06162026.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 04:34
MTBE	---	0.050	1	06/17/2020 04:34
Benzene	---	0.0050	1	06/17/2020 04:34
Toluene	---	0.0050	1	06/17/2020 04:34
Ethylbenzene	---	0.0050	1	06/17/2020 04:34
m,p-Xylene	---	0.010	1	06/17/2020 04:34
o-Xylene	---	0.0050	1	06/17/2020 04:34
Xylenes	---	0.0050	1	06/17/2020 04:34

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	89	62-126	06/17/2020 04:34

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC3 06162027.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 05:04
MTBE	---	0.050	1	06/17/2020 05:04
Benzene	---	0.0050	1	06/17/2020 05:04
Toluene	---	0.0050	1	06/17/2020 05:04
Ethylbenzene	---	0.0050	1	06/17/2020 05:04
m,p-Xylene	---	0.010	1	06/17/2020 05:04
o-Xylene	---	0.0050	1	06/17/2020 05:04
Xylenes	---	0.0050	1	06/17/2020 05:04

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	82	62-126	06/17/2020 05:04

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC19 06172007.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 16:37
MTBE	---	0.050	1	06/17/2020 16:37
Benzene	---	0.0050	1	06/17/2020 16:37
Toluene	---	0.0050	1	06/17/2020 16:37
Ethylbenzene	---	0.0050	1	06/17/2020 16:37
m,p-Xylene	---	0.010	1	06/17/2020 16:37
o-Xylene	---	0.0050	1	06/17/2020 16:37
Xylenes	---	0.0050	1	06/17/2020 16:37

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	88	62-126	06/17/2020 16:37

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC3 06162030.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 06:35
MTBE	---	0.050	1	06/17/2020 06:35
Benzene	---	0.0050	1	06/17/2020 06:35
Toluene	---	0.0050	1	06/17/2020 06:35
Ethylbenzene	---	0.0050	1	06/17/2020 06:35
m,p-Xylene	---	0.010	1	06/17/2020 06:35
o-Xylene	---	0.0050	1	06/17/2020 06:35
Xylenes	---	0.0050	1	06/17/2020 06:35

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	82	62-126	06/17/2020 06:35

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC3 06162031.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 07:05
MTBE	---	0.050	1	06/17/2020 07:05
Benzene	---	0.0050	1	06/17/2020 07:05
Toluene	---	0.0050	1	06/17/2020 07:05
Ethylbenzene	---	0.0050	1	06/17/2020 07:05
m,p-Xylene	---	0.010	1	06/17/2020 07:05
o-Xylene	---	0.0050	1	06/17/2020 07:05
Xylenes	---	0.0050	1	06/17/2020 07:05

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	84	62-126	06/17/2020 07:05

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC3 06162032.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 07:35
MTBE	---	0.050	1	06/17/2020 07:35
Benzene	---	0.0050	1	06/17/2020 07:35
Toluene	---	0.0050	1	06/17/2020 07:35
Ethylbenzene	---	0.0050	1	06/17/2020 07:35
m,p-Xylene	---	0.010	1	06/17/2020 07:35
o-Xylene	---	0.0050	1	06/17/2020 07:35
Xylenes	---	0.0050	1	06/17/2020 07:35

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	91	62-126	06/17/2020 07:35

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC19 06162030.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 02:30
MTBE	---	0.050	1	06/17/2020 02:30
Benzene	---	0.0050	1	06/17/2020 02:30
Toluene	---	0.0050	1	06/17/2020 02:30
Ethylbenzene	---	0.0050	1	06/17/2020 02:30
m,p-Xylene	---	0.010	1	06/17/2020 02:30
o-Xylene	---	0.0050	1	06/17/2020 02:30
Xylenes	---	0.0050	1	06/17/2020 02:30

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	93	62-126	06/17/2020 02:30

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC19 06162031.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 03:00
MTBE	---	0.050	1	06/17/2020 03:00
Benzene	---	0.0050	1	06/17/2020 03:00
Toluene	---	0.0050	1	06/17/2020 03:00
Ethylbenzene	---	0.0050	1	06/17/2020 03:00
m,p-Xylene	---	0.010	1	06/17/2020 03:00
o-Xylene	---	0.0050	1	06/17/2020 03:00
Xylenes	---	0.0050	1	06/17/2020 03:00

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	91	62-126	06/17/2020 03:00

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC19 06182012.D	200290

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/18/2020 19:06
MTBE	---	0.050	1	06/18/2020 19:06
Benzene	---	0.0050	1	06/18/2020 19:06
Toluene	---	0.0050	1	06/18/2020 19:06
Ethylbenzene	---	0.0050	1	06/18/2020 19:06
m,p-Xylene	---	0.010	1	06/18/2020 19:06
o-Xylene	---	0.0050	1	06/18/2020 19:06
Xylenes	---	0.0050	1	06/18/2020 19:06

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	87	62-126	06/18/2020 19:06

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC19 06162032.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 03:30
MTBE	---	0.050	1	06/17/2020 03:30
Benzene	---	0.0050	1	06/17/2020 03:30
Toluene	---	0.0050	1	06/17/2020 03:30
Ethylbenzene	---	0.0050	1	06/17/2020 03:30
m,p-Xylene	---	0.010	1	06/17/2020 03:30
o-Xylene	---	0.0050	1	06/17/2020 03:30
Xylenes	---	0.0050	1	06/17/2020 03:30

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	88	62-126	06/17/2020 03:30

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC19 06162033.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 04:00
MTBE	---	0.050	1	06/17/2020 04:00
Benzene	---	0.0050	1	06/17/2020 04:00
Toluene	---	0.0050	1	06/17/2020 04:00
Ethylbenzene	---	0.0050	1	06/17/2020 04:00
m,p-Xylene	---	0.010	1	06/17/2020 04:00
o-Xylene	---	0.0050	1	06/17/2020 04:00
Xylenes	---	0.0050	1	06/17/2020 04:00

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	97	62-126	06/17/2020 04:00

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC19 06162035.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 05:00
MTBE	---	0.050	1	06/17/2020 05:00
Benzene	---	0.0050	1	06/17/2020 05:00
Toluene	---	0.0050	1	06/17/2020 05:00
Ethylbenzene	---	0.0050	1	06/17/2020 05:00
m,p-Xylene	---	0.010	1	06/17/2020 05:00
o-Xylene	---	0.0050	1	06/17/2020 05:00
Xylenes	---	0.0050	1	06/17/2020 05:00

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	90	62-126	06/17/2020 05:00

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC19 06162036.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 05:30
MTBE	---	0.050	1	06/17/2020 05:30
Benzene	---	0.0050	1	06/17/2020 05:30
Toluene	---	0.0050	1	06/17/2020 05:30
Ethylbenzene	---	0.0050	1	06/17/2020 05:30
m,p-Xylene	---	0.010	1	06/17/2020 05:30
o-Xylene	---	0.0050	1	06/17/2020 05:30
Xylenes	---	0.0050	1	06/17/2020 05:30

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	87	62-126	06/17/2020 05:30

Analyst(s): IA

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020-06/18/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC19 06162038.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 06:30
MTBE	---	0.050	1	06/17/2020 06:30
Benzene	---	0.0050	1	06/17/2020 06:30
Toluene	---	0.0050	1	06/17/2020 06:30
Ethylbenzene	---	0.0050	1	06/17/2020 06:30
m,p-Xylene	---	0.010	1	06/17/2020 06:30
o-Xylene	---	0.0050	1	06/17/2020 06:30
Xylenes	---	0.0050	1	06/17/2020 06:30

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	92	62-126	06/17/2020 06:30

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC19 06162039.D	200076

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	06/17/2020 07:00
MTBE	---	0.050	1	06/17/2020 07:00
Benzene	---	0.0050	1	06/17/2020 07:00
Toluene	---	0.0050	1	06/17/2020 07:00
Ethylbenzene	---	0.0050	1	06/17/2020 07:00
m,p-Xylene	---	0.010	1	06/17/2020 07:00
o-Xylene	---	0.0050	1	06/17/2020 07:00
Xylenes	---	0.0050	1	06/17/2020 07:00

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	91	62-126	06/17/2020 07:00

Analyst(s): IA



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-1.5	2006697-001A	Soil	06/11/2020 08:47	GC6A 06152066.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 06:06
TPH-Motor Oil (C18-C36)	6.7	5.0	1	06/16/2020 06:06

Surrogates	REC (%)	Limits	Date Analyzed
C9	89	70-130	06/16/2020 06:06

Analyst(s): JIS Analytical Comments: e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-3.0	2006697-002A	Soil	06/11/2020 08:50	GC6A 06152058.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	1.5	1.0	1	06/16/2020 03:30
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 03:30

Surrogates	REC (%)	Limits	Date Analyzed
C9	89	70-130	06/16/2020 03:30

Analyst(s): JIS Analytical Comments: e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-2-7.0	2006697-004A	Soil	06/11/2020 08:56	GC39B 06152045.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 00:08
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 00:08

Surrogates	REC (%)	Limits	Date Analyzed
C9	99	70-130	06/16/2020 00:08

Analyst(s): JIS



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	GC39A 06152056.D	200075
<u>Analytes</u>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	21		10	10	06/16/2020 03:23
TPH-Motor Oil (C18-C36)	300		50	10	06/16/2020 03:23
<u>Surrogates</u>					
	<u>REC (%)</u>		<u>Limits</u>		
C9	105		70-130		06/16/2020 03:23
<u>Analyst(s):</u> JIS			<u>Analytical Comments:</u> e2,e7,e8		

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	GC39B 06152049.D	200075
<u>Analytes</u>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	06/16/2020 01:26
TPH-Motor Oil (C18-C36)	5.2		5.0	1	06/16/2020 01:26
<u>Surrogates</u>					
	<u>REC (%)</u>		<u>Limits</u>		
C9	99		70-130		06/16/2020 01:26
<u>Analyst(s):</u> JIS			<u>Analytical Comments:</u> e7		

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-7.0	2006697-008A	Soil	06/11/2020 09:33	GC31B 06162015.D	200075
<u>Analytes</u>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		1.0	1	06/16/2020 14:03
TPH-Motor Oil (C18-C36)	ND		5.0	1	06/16/2020 14:03
<u>Surrogates</u>					
	<u>REC (%)</u>		<u>Limits</u>		
C9	107		70-130		06/16/2020 14:03
<u>Analyst(s):</u> JIS					

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	GC39A 06152024.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	1.6	1.0	1	06/15/2020 16:58
TPH-Motor Oil (C18-C36)	38	5.0	1	06/15/2020 16:58

Surrogates	REC (%)	Limits	Date Analyzed
C9	90	70-130	06/15/2020 16:58

Analyst(s): JIS **Analytical Comments:** e2,e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	GC39B 06162015.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	1.2	1.0	1	06/16/2020 13:47
TPH-Motor Oil (C18-C36)	15	5.0	1	06/16/2020 13:47

Surrogates	REC (%)	Limits	Date Analyzed
C9	104	70-130	06/16/2020 13:47

Analyst(s): JIS **Analytical Comments:** e2,e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-5.0	2006697-011A	Soil	06/11/2020 09:55	GC39B 06162019.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 15:05
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 15:05

Surrogates	REC (%)	Limits	Date Analyzed
C9	105	70-130	06/16/2020 15:05

Analyst(s): JIS

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	GC39B 06162017.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	1.5	1.0	1	06/16/2020 14:26
TPH-Motor Oil (C18-C36)	21	5.0	1	06/16/2020 14:26

Surrogates	REC (%)	Limits	Date Analyzed
C9	105	70-130	06/16/2020 14:26

Analyst(s): JIS

Analytical Comments: e2,e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-3.0	2006697-013A	Soil	06/11/2020 10:35	GC39A 06162018.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 14:26
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 14:26

Surrogates	REC (%)	Limits	Date Analyzed
C9	92	70-130	06/16/2020 14:26

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-1.5	2006697-015A	Soil	06/11/2020 10:09	GC39A 06162014.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 13:08
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 13:08

Surrogates	REC (%)	Limits	Date Analyzed
C9	95	70-130	06/16/2020 13:08

Analyst(s): JIS

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-3.0	2006697-016A	Soil	06/11/2020 10:12	GC39A 06162016.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 13:47
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 13:47

Surrogates	REC (%)	Limits	Date Analyzed
C9	90	70-130	06/16/2020 13:47

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	GC39B 06162013.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 13:08
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 13:08

Surrogates	REC (%)	Limits	Date Analyzed
C9	104	70-130	06/16/2020 13:08

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-1.5	2006697-018A	Soil	06/11/2020 11:12	GC39A 06162020.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 15:05
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 15:05

Surrogates	REC (%)	Limits	Date Analyzed
C9	95	70-130	06/16/2020 15:05

Analyst(s): JIS

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/15/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-5-3.0	2006697-019A	Soil	06/11/2020 11:15	GC39B 06152047.D	200075

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/16/2020 00:47
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/16/2020 00:47

Surrogates	REC (%)	Limits	Date Analyzed
C9	99	70-130	06/16/2020 00:47

Analyst(s): JIS



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC23
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200152
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200152

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0000360	0.000100	-	-	-
a-BHC	ND	0.0000250	0.000100	-	-	-
b-BHC	ND	0.000250	0.000300	-	-	-
d-BHC	ND	0.000130	0.000200	-	-	-
g-BHC	ND	0.0000660	0.000100	-	-	-
Chlordane (Technical)	ND	0.000430	0.00250	-	-	-
a-Chlordane	ND	0.0000950	0.000100	-	-	-
g-Chlordane	ND	0.0000470	0.000100	-	-	-
p,p-DDD	ND	0.0000430	0.000100	-	-	-
p,p-DDE	ND	0.0000940	0.000100	-	-	-
p,p-DDT	ND	0.0000920	0.000100	-	-	-
Dieldrin	ND	0.0000610	0.000100	-	-	-
Endosulfan I	ND	0.0000480	0.000100	-	-	-
Endosulfan II	ND	0.0000760	0.000100	-	-	-
Endosulfan sulfate	ND	0.0000780	0.000100	-	-	-
Endrin	ND	0.0000350	0.000100	-	-	-
Endrin aldehyde	ND	0.0000670	0.000100	-	-	-
Endrin ketone	ND	0.0000840	0.000100	-	-	-
Heptachlor	ND	0.0000400	0.000100	-	-	-
Heptachlor epoxide	ND	0.0000540	0.000100	-	-	-
Hexachlorobenzene	ND	0.000110	0.00100	-	-	-
Hexachlorocyclopentadiene	ND	0.000340	0.00200	-	-	-
Methoxychlor	ND	0.000130	0.000200	-	-	-
Toxaphene	ND	0.00340	0.00500	-	-	-
Aroclor1016	ND	0.00200	0.00500	-	-	-
Aroclor1221	ND	0.00220	0.00500	-	-	-
Aroclor1232	ND	0.00220	0.00500	-	-	-
Aroclor1242	ND	0.00220	0.00500	-	-	-
Aroclor1248	ND	0.00220	0.00500	-	-	-
Aroclor1254	ND	0.00220	0.00500	-	-	-
Aroclor1260	ND	0.00220	0.00500	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.00520			0.005	104	28-170

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC23
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200152
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A/8082
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200152

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00393	0.00401	0.0050	79	80	31-155	2.04	20
a-BHC	0.00450	0.00455	0.0050	90	91	32-160	1.05	20
b-BHC	0.00401	0.00419	0.0050	80	84	44-149	4.40	20
d-BHC	0.00457	0.00470	0.0050	91	94	37-157	2.71	20
g-BHC	0.00440	0.00455	0.0050	88	91	43-154	3.27	20
a-Chlordane	0.00363	0.00373	0.0050	73	75	39-150	2.54	20
g-Chlordane	0.00409	0.00419	0.0050	82	84	39-151	2.32	20
p,p-DDD	0.00426	0.00440	0.0050	85	88	30-158	3.34	20
p,p-DDE	0.00392	0.00400	0.0050	78	80	47-149	2.09	20
p,p-DDT	0.00422	0.00438	0.0050	84	88	56-166	3.80	20
Dieldrin	0.00444	0.00456	0.0050	89	91	50-163	2.81	20
Endosulfan I	0.00393	0.00402	0.0050	79	80	45-159	2.21	20
Endosulfan II	0.00393	0.00403	0.0050	79	81	41-155	2.53	20
Endosulfan sulfate	0.00404	0.00426	0.0050	81	85	45-156	5.33	20
Endrin	0.00424	0.00435	0.0050	85	87	54-154	2.64	20
Endrin aldehyde	0.00376	0.00390	0.0050	75	78	27-159	3.84	20
Endrin ketone	0.00374	0.00390	0.0050	75	78	40-147	4.34	20
Heptachlor	0.00438	0.00448	0.0050	88	90	52-165	2.37	20
Heptachlor epoxide	0.00384	0.00395	0.0050	77	79	46-145	2.67	20
Hexachlorobenzene	0.00369	0.00377	0.0050	74	75	22-156	2.01	20
Hexachlorocyclopentadiene	0.00295	0.00289	0.0050	59	58	43-173	2.16	20
Methoxychlor	0.00436	0.00458	0.0050	87	92	49-150	4.77	20
Aroclor1016	0.0112	0.0108	0.015	75	72	49-120	3.51	20
Aroclor1260	0.0121	0.0117	0.015	81	78	48-160	3.83	20
Surrogate Recovery								
Decachlorobiphenyl	0.00534	0.00535	0.0050	107	107	28-170	0.171	20

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Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/17/2020	BatchID: 200259
Date Analyzed: 06/17/2020	Extraction Method: SW3550B/3640Am/3630Cm
Instrument: GC23	Analytical Method: SW8081A/8082
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200259

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0000360	0.000100	-	-	-
a-BHC	ND	0.0000250	0.000100	-	-	-
b-BHC	ND	0.000250	0.000300	-	-	-
d-BHC	ND	0.000130	0.000200	-	-	-
g-BHC	ND	0.0000660	0.000100	-	-	-
Chlordane (Technical)	ND	0.000430	0.00250	-	-	-
a-Chlordane	ND	0.0000950	0.000100	-	-	-
g-Chlordane	ND	0.0000470	0.000100	-	-	-
p,p-DDD	ND	0.0000430	0.000100	-	-	-
p,p-DDE	ND	0.0000940	0.000100	-	-	-
p,p-DDT	ND	0.0000920	0.000100	-	-	-
Dieldrin	ND	0.0000610	0.000100	-	-	-
Endosulfan I	ND	0.0000480	0.000100	-	-	-
Endosulfan II	ND	0.0000760	0.000100	-	-	-
Endosulfan sulfate	ND	0.0000780	0.000100	-	-	-
Endrin	ND	0.0000350	0.000100	-	-	-
Endrin aldehyde	ND	0.0000670	0.000100	-	-	-
Endrin ketone	ND	0.0000840	0.000100	-	-	-
Heptachlor	ND	0.0000400	0.000100	-	-	-
Heptachlor epoxide	ND	0.0000540	0.000100	-	-	-
Hexachlorobenzene	ND	0.000110	0.00100	-	-	-
Hexachlorocyclopentadiene	ND	0.000340	0.00200	-	-	-
Methoxychlor	ND	0.000130	0.000200	-	-	-
Toxaphene	ND	0.00340	0.00500	-	-	-
Aroclor1016	ND	0.00200	0.00500	-	-	-
Aroclor1221	ND	0.00220	0.00500	-	-	-
Aroclor1232	ND	0.00220	0.00500	-	-	-
Aroclor1242	ND	0.00220	0.00500	-	-	-
Aroclor1248	ND	0.00220	0.00500	-	-	-
Aroclor1254	ND	0.00220	0.00500	-	-	-
Aroclor1260	ND	0.00220	0.00500	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.00462			0.005	92	28-170

(Cont.)



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/17/2020	BatchID:	200259
Date Analyzed:	06/17/2020	Extraction Method:	SW3550B/3640Am/3630Cm
Instrument:	GC23	Analytical Method:	SW8081A/8082
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200259

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00545	0.00531	0.0050	109	106	31-155	2.72	20
a-BHC	0.00638	0.00617	0.0050	128	123	32-160	3.33	20
b-BHC	0.00551	0.00536	0.0050	110	107	44-149	2.84	20
d-BHC	0.00626	0.00604	0.0050	125	121	37-157	3.60	20
g-BHC	0.00611	0.00595	0.0050	122	119	43-154	2.64	20
a-Chlordane	0.00500	0.00490	0.0050	100	98	39-150	2.07	20
g-Chlordane	0.00559	0.00546	0.0050	112	109	39-151	2.32	20
p,p-DDD	0.00559	0.00548	0.0050	112	110	30-158	2.09	20
p,p-DDE	0.00531	0.00520	0.0050	106	104	47-149	2.17	20
p,p-DDT	0.00532	0.00517	0.0050	106	103	56-166	2.90	20
Dieldrin	0.00559	0.00549	0.0050	112	110	50-163	1.79	20
Endosulfan I	0.00497	0.00488	0.0050	99	98	45-159	1.93	20
Endosulfan II	0.00476	0.00468	0.0050	95	94	41-155	1.76	20
Endosulfan sulfate	0.00487	0.00480	0.0050	97	96	45-156	1.58	20
Endrin	0.00530	0.00515	0.0050	106	103	54-154	2.90	20
Endrin aldehyde	0.00494	0.00488	0.0050	99	98	27-159	1.36	20
Endrin ketone	0.00460	0.00453	0.0050	92	91	40-147	1.60	20
Heptachlor	0.00594	0.00583	0.0050	119	117	52-165	1.83	20
Heptachlor epoxide	0.00484	0.00474	0.0050	97	95	46-145	2.14	20
Hexachlorobenzene	0.00515	0.00499	0.0050	103	100	22-156	3.25	20
Hexachlorocyclopentadiene	0.00429	0.00415	0.0050	86	83	43-173	3.40	20
Methoxychlor	0.00515	0.00503	0.0050	103	101	49-150	2.25	20
Aroclor1016	0.0105	0.0108	0.015	70	72	49-120	3.08	20
Aroclor1260	0.00912	0.0100	0.015	61	67	48-160	9.17	20
Surrogate Recovery								
Decachlorobiphenyl	0.00511	0.00502	0.0050	102	100	28-170	1.84	20



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200142
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200142

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Alachlor	ND	0.0420	0.100	-	-	-
Atrazine	ND	0.0230	0.100	-	-	-
Azinphos methyl (Guthion)	ND	0.0730	0.100	-	-	-
Bolstar (Sulprofos)	ND	0.0530	0.100	-	-	-
Chloropyrifos	ND	0.0550	0.100	-	-	-
Coumaphos	ND	0.0700	0.100	-	-	-
Demeton	ND	0.0430	0.100	-	-	-
Diazinon	ND	0.0420	0.100	-	-	-
Dichlorvos (DDVP)	ND	0.0360	0.100	-	-	-
Dimethoate	ND	0.0360	0.100	-	-	-
Disulfoton (Di-Syston)	ND	0.0510	0.100	-	-	-
EPN	ND	0.0560	0.100	-	-	-
EPTC	ND	0.0260	0.100	-	-	-
Ethion	ND	0.0360	0.100	-	-	-
Ethoprop	ND	0.0350	0.100	-	-	-
Ethyl parathion	ND	0.0250	0.100	-	-	-
Fensulfothion	ND	0.0540	0.100	-	-	-
Fenthion	ND	0.0440	0.100	-	-	-
Fonofos	ND	0.0380	0.100	-	-	-
Malathion	ND	0.0460	0.100	-	-	-
Mevinphos (Phosdrin)	ND	0.0780	0.100	-	-	-
Molinate	ND	0.0340	0.100	-	-	-
Methyl parathion	ND	0.0400	0.100	-	-	-
Phorate (Thimet)	ND	0.0440	0.100	-	-	-
Prometon	ND	0.0370	0.100	-	-	-
Ronnel	ND	0.0460	0.100	-	-	-
Simazine	ND	0.0660	0.100	-	-	-
Stirofos (Tetrachlorvinphos)	ND	0.0440	0.100	-	-	-
Terbacil	ND	0.0330	0.100	-	-	-
Terbufos (Terbuphos)	ND	0.0520	0.100	-	-	-
Thiobencarb	ND	0.0330	0.100	-	-	-
Tokuthion (Prothiofos)	ND	0.0410	0.100	-	-	-
Trichloronate (Agritox)	ND	0.0570	0.100	-	-	-

Surrogate Recovery

Triphenyl phosphate	0.164			0.2	82	60-140
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Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020 - 06/17/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200142
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200142

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Alachlor	0.526	0.545	0.60	88	91	50-160	3.68	20
Atrazine	0.501	0.516	0.60	83	86	50-160	3.05	20
Azinphos methyl (Guthion)	0.535	0.562	0.60	89	94	60-140	4.82	20
Bolstar (Sulprofos)	0.520	0.544	0.60	87	91	60-140	4.48	20
Chloropyrifos	0.541	0.555	0.60	90	92	60-140	2.51	20
Coumaphos	0.538	0.575	0.60	90	96	60-140	6.77	20
Demeton	0.574	0.602	0.60	96	100	60-140	4.72	20
Diazinon	0.538	0.555	0.60	90	92	60-140	3.16	20
Dichlorvos (DDVP)	0.471	0.508	0.60	79	85	60-140	7.50	20
Dimethoate	0.583	0.562	0.60	97	94	60-140	3.60	20
Disulfoton (Di-Syston)	0.513	0.534	0.60	85	89	50-160	3.95	20
EPN	0.530	0.544	0.60	88	91	60-140	2.61	20
EPTC	0.490	0.506	0.60	82	84	60-140	3.19	20
Ethion	0.556	0.579	0.60	93	97	60-140	3.99	20
Ethoprop	0.545	0.589	0.60	91	98	60-140	7.78	20
Ethyl parathion	0.501	0.505	0.60	84	84	60-140	0.839	20
Fensulfothion	0.663	0.698	0.60	111	116	60-140	5.01	20
Fenthion	0.532	0.559	0.60	89	93	50-160	4.85	20
Fonofos	0.482	0.502	0.60	80	84	60-140	3.97	20
Malathion	0.559	0.593	0.60	93	99	60-140	5.89	20
Mevinphos (Phosdrin)	0.585	0.604	0.60	98	101	60-140	3.08	20
Molinate	0.485	0.516	0.60	81	86	60-140	6.25	20
Methyl parathion	0.520	0.536	0.60	87	89	50-160	3.13	20
Phorate (Thimet)	0.520	0.540	0.60	87	90	60-140	3.75	20
Prometon	0.526	0.554	0.60	88	92	60-140	5.05	20
Ronnel	0.486	0.513	0.60	81	86	60-140	5.34	20
Simazine	0.505	0.524	0.60	84	87	60-140	3.70	20
Stirofos (Tetrachlorvinphos)	0.549	0.555	0.60	92	93	60-140	1.14	20
Terbacil	0.568	0.582	0.60	95	97	60-140	2.55	20
Terbufos (Terbuphos)	0.502	0.510	0.60	84	85	60-140	1.44	20
Thiobencarb	0.498	0.523	0.60	83	87	60-140	4.91	20
Tokuthion (Prothiofos)	0.551	0.570	0.60	92	95	60-140	3.36	20
Trichloronate (Agritox)	0.494	0.524	0.60	82	87	60-140	5.96	20
Surrogate Recovery								
Triphenyl phosphate	0.172	0.180	0.20	86	90	60-140	4.73	20

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020
Instrument: GC25
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200229
Extraction Method: SW3550B
Analytical Method: SW8270C
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200229
 2006697-019AMS/MSD

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Alachlor	ND	0.0420	0.100	-	-	-
Atrazine	ND	0.0230	0.100	-	-	-
Azinphos methyl (Guthion)	ND	0.0730	0.100	-	-	-
Bolstar (Sulprofos)	ND	0.0530	0.100	-	-	-
Chloropyrifos	ND	0.0550	0.100	-	-	-
Coumaphos	ND	0.0700	0.100	-	-	-
Demeton	ND	0.0430	0.100	-	-	-
Diazinon	ND	0.0420	0.100	-	-	-
Dichlorvos (DDVP)	ND	0.0360	0.100	-	-	-
Dimethoate	ND	0.0360	0.100	-	-	-
Disulfoton (Di-Syston)	ND	0.0510	0.100	-	-	-
EPN	ND	0.0560	0.100	-	-	-
EPTC	ND	0.0260	0.100	-	-	-
Ethion	ND	0.0360	0.100	-	-	-
Ethoprop	ND	0.0350	0.100	-	-	-
Ethyl parathion	ND	0.0250	0.100	-	-	-
Fensulfothion	ND	0.0540	0.100	-	-	-
Fenthion	ND	0.0440	0.100	-	-	-
Fonofos	ND	0.0380	0.100	-	-	-
Malathion	ND	0.0460	0.100	-	-	-
Mevinphos (Phosdrin)	ND	0.0780	0.100	-	-	-
Molinate	ND	0.0340	0.100	-	-	-
Methyl parathion	ND	0.0400	0.100	-	-	-
Phorate (Thimet)	ND	0.0440	0.100	-	-	-
Prometon	ND	0.0370	0.100	-	-	-
Ronnel	ND	0.0460	0.100	-	-	-
Simazine	ND	0.0660	0.100	-	-	-
Stirofos (Tetrachlorvinphos)	ND	0.0440	0.100	-	-	-
Terbacil	ND	0.0330	0.100	-	-	-
Terbufos (Terbuphos)	ND	0.0520	0.100	-	-	-
Thiobencarb	ND	0.0330	0.100	-	-	-
Tokuthion (Prothiofos)	ND	0.0410	0.100	-	-	-
Trichloronate (Agritox)	ND	0.0570	0.100	-	-	-

Surrogate Recovery

1-Bromo-2-Nitrobenzene	0.159			0.2	79	60-140
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Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/17/2020	BatchID:	200229
Date Analyzed:	06/17/2020	Extraction Method:	SW3550B
Instrument:	GC25	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200229 2006697-019AMS/MSD

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Alachlor	0.575	0.562	0.60	96	94	50-160	2.42	20
Atrazine	0.564	0.520	0.60	94	87	50-160	7.98	20
Azinphos methyl (Guthion)	0.544	0.546	0.60	91	91	60-140	0.394	20
Bolstar (Sulprofos)	0.562	0.549	0.60	94	92	60-140	2.36	20
Chloropyrifos	0.590	0.575	0.60	98	96	60-140	2.53	20
Coumaphos	0.540	0.528	0.60	90	88	60-140	2.26	20
Demeton	0.624	0.596	0.60	104	99	60-140	4.60	20
Diazinon	0.564	0.532	0.60	94	89	60-140	5.91	20
Dichlorvos (DDVP)	0.507	0.482	0.60	85	80	60-140	5.03	20
Dimethoate	0.559	0.546	0.60	93	91	60-140	2.37	20
Disulfoton (Di-Syston)	0.578	0.557	0.60	96	93	50-160	3.79	20
EPN	0.510	0.520	0.60	85	87	60-140	2.07	20
EPTC	0.541	0.510	0.60	90	85	60-140	6.05	20
Ethion	0.599	0.563	0.60	100	94	60-140	6.17	20
Ethoprop	0.585	0.588	0.60	98	98	60-140	0.556	20
Ethyl parathion	0.514	0.490	0.60	86	82	60-140	4.75	20
Fensulfothion	0.610	0.657	0.60	102	110	60-140	7.55	20
Fenthion	0.590	0.585	0.60	98	98	50-160	0.917	20
Fonofos	0.530	0.501	0.60	88	84	60-140	5.60	20
Malathion	0.626	0.596	0.60	104	99	60-140	4.93	20
Mevinphos (Phosdrin)	0.583	0.555	0.60	97	93	60-140	4.92	20
Molinate	0.556	0.530	0.60	93	88	60-140	4.81	20
Methyl parathion	0.497	0.516	0.60	83	86	50-160	3.73	20
Phorate (Thimet)	0.566	0.534	0.60	94	89	60-140	5.74	20
Prometon	0.592	0.560	0.60	99	93	60-140	5.55	20
Ronnel	0.567	0.526	0.60	95	88	60-140	7.67	20
Simazine	0.528	0.520	0.60	88	87	60-140	1.52	20
Stirofos (Tetrachlorvinphos)	0.549	0.549	0.60	91	91	60-140	0.00984	20
Terbacil	0.577	0.584	0.60	96	97	60-140	1.12	20
Terbufos (Terbuphos)	0.580	0.535	0.60	97	89	60-140	8.23	20
Thiobencarb	0.557	0.527	0.60	93	88	60-140	5.46	20
Tokuthion (Prothiofos)	0.585	0.555	0.60	97	93	60-140	5.16	20
Trichloronate (Agritox)	0.559	0.509	0.60	93	85	60-140	9.41	20
Surrogate Recovery								
1-Bromo-2-Nitrobenzene	0.169	0.168	0.20	84	84	60-140	0.468	20

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Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/17/2020	BatchID: 200229
Date Analyzed: 06/17/2020	Extraction Method: SW3550B
Instrument: GC25	Analytical Method: SW8270C
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200229 2006697-019AMS/MSD

QC Summary Report for SW8270C (ON/P Pesticides)

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Alachlor	1	0.536	0.539	0.60	ND	89	90	60-140	0.593	20
Atrazine	1	0.505	0.510	0.60	ND	84	85	60-140	0.953	20
Azinphos methyl (Guthion)	1	0.533	0.540	0.60	ND	89	90	60-140	1.41	20
Bolstar (Sulprofos)	1	0.545	0.562	0.60	ND	91	94	60-140	3.11	20
Chloropyrifos	1	0.573	0.541	0.60	ND	96	90	60-140	5.76	20
Coumaphos	1	0.521	0.574	0.60	ND	87	96	60-140	9.67	20
Demeton	1	0.578	0.595	0.60	ND	96	99	60-140	2.96	20
Diazinon	1	0.534	0.525	0.60	ND	89	88	60-140	1.65	20
Dichlorvos (DDVP)	1	0.468	0.471	0.60	ND	78	79	60-140	0.585	20
Dimethoate	1	0.532	0.603	0.60	ND	89	101	60-140	12.6	20
Disulfoton (Di-Syston)	1	0.558	0.540	0.60	ND	93	90	60-140	3.26	20
EPN	1	0.520	0.531	0.60	ND	87	89	60-140	2.22	20
EPTC	1	0.512	0.497	0.60	ND	85	83	60-140	2.99	20
Ethion	1	0.581	0.561	0.60	ND	97	94	60-140	3.49	20
Ethoprop	1	0.581	0.572	0.60	ND	97	95	60-140	1.55	20
Ethyl parathion	1	0.498	0.509	0.60	ND	83	85	60-140	2.23	20
Fensulfothion	1	0.629	0.689	0.60	ND	105	115	60-140	9.12	20
Fenthion	1	0.575	0.571	0.60	ND	96	95	60-140	0.800	20
Fonofos	1	0.503	0.512	0.60	ND	84	85	60-140	1.90	20
Malathion	1	0.581	0.570	0.60	ND	97	95	60-140	1.93	20
Mevinphos (Phosdrin)	1	0.602	0.613	0.60	ND	100	102	60-140	1.75	20
Molinate	1	0.532	0.524	0.60	ND	89	87	60-140	1.41	20
Methyl parathion	1	0.521	0.505	0.60	ND	87	84	60-140	3.02	20
Phorate (Thimet)	1	0.559	0.548	0.60	ND	93	91	60-140	1.88	20
Prometon	1	0.576	0.551	0.60	ND	96	92	60-140	4.49	20
Ronnel	1	0.522	0.533	0.60	ND	87	89	60-140	1.99	20
Simazine	1	0.512	0.518	0.60	ND	85	86	60-140	1.16	20
Stirofos (Tetrachlorvinphos)	1	0.526	0.517	0.60	ND	88	86	60-140	1.71	20
Terbacil	1	0.583	0.578	0.60	ND	97	96	60-140	0.943	20
Terbufos (Terbuphos)	1	0.537	0.525	0.60	ND	89	88	60-140	2.21	20
Thiobencarb	1	0.522	0.524	0.60	ND	87	87	60-140	0.458	20
Tokuthion (Prothiofos)	1	0.557	0.550	0.60	ND	93	92	60-140	1.28	20
Trichloronate (Agritox)	1	0.534	0.538	0.60	ND	89	90	60-140	0.715	20
Surrogate Recovery										
1-Bromo-2-Nitrobenzene	1	0.170	0.175	0.20		85	87	60-140	2.68	20



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/16/2020	BatchID: 200134
Date Analyzed: 06/17/2020	Extraction Method: SW8151A
Instrument: GC15A	Analytical Method: SW8151A
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200134

QC Summary Report for SW8151A

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acifluorfen	ND	0.0260	0.0500	-	-	-
Bentazon	ND	0.0110	0.0500	-	-	-
Chloramben	ND	0.0200	0.0500	-	-	-
2,4-D (Dichlorophenoxyacetic acid)	ND	0.0110	0.0500	-	-	-
2,4-DB	ND	0.0130	0.0500	-	-	-
Dalapon	ND	0.0150	0.100	-	-	-
DCPA (mono & diacid)	ND	0.0100	0.0500	-	-	-
Dicamba	ND	0.0110	0.0500	-	-	-
3,5-Dichlorobenzoic Acid	ND	0.00800	0.0500	-	-	-
Dichloroprop	ND	0.0110	0.0500	-	-	-
Dinoseb (DNBP)	ND	0.0130	0.0500	-	-	-
MCPA	ND	0.910	5.00	-	-	-
MCPP	ND	0.850	5.00	-	-	-
4-Nitrophenol	ND	0.0240	0.0500	-	-	-
Pentachlorophenol (PCP)	ND	0.0110	0.0500	-	-	-
Picloram	ND	0.00940	0.0500	-	-	-
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.00970	0.0500	-	-	-
2,4,5-TP (Silvex)	ND	0.00690	0.0500	-	-	-
Surrogate Recovery						
DCAA	0.0992			0.1	99	63-129



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/16/2020	BatchID:	200134
Date Analyzed:	06/17/2020	Extraction Method:	SW8151A
Instrument:	GC15A	Analytical Method:	SW8151A
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200134

QC Summary Report for SW8151A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acifluorfen	0.0805	0.0862	0.10	81	86	60-140	6.77	30
Bentazon	0.0872	0.0885	0.10	87	88	60-140	1.47	30
Chloramben	0.0849	0.0862	0.10	85	86	60-140	1.50	30
2,4-D (Dichlorophenoxyacetic acid)	0.0921	0.0916	0.10	92	92	67-147	0.566	30
2,4-DB	0.0928	0.0963	0.10	93	96	61-152	3.72	30
Dalapon	0.101	0.0915	0.10	101	92	54-153	10.1	30
DCPA (mono & diacid)	0.0792	0.0801	0.10	79	80	60-140	1.03	30
Dicamba	0.0990	0.0979	0.10	99	98	60-146	1.17	30
3,5-Dichlorobenzoic Acid	0.0960	0.0948	0.10	96	95	60-140	1.29	30
Dichloroprop	0.0879	0.0874	0.10	88	87	60-140	0.533	30
Dinoseb (DNBP)	0.0879	0.0878	0.10	88	88	60-140	0.0377	30
MCPA	11.3	11.6	10	113	116	60-140	2.51	30
MCPP	8.27	8.29	10	83	83	60-140	0.244	30
4-Nitrophenol	0.0829	0.0818	0.10	83	82	60-140	1.40	30
Pentachlorophenol (PCP)	0.0962	0.0954	0.10	96	95	60-140	0.861	30
Picloram	0.0806	0.0843	0.10	81	84	60-140	4.48	30
2,4,5-T (Trichlorophenoxy acetic acid)	0.0866	0.0867	0.10	87	87	60-140	0.00842	30
2,4,5-TP (Silvex)	0.0927	0.0923	0.10	93	92	63-145	0.410	30
Surrogate Recovery								
DCAA	0.107	0.109	0.10	107	109	63-129	1.37	30



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC15A
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200227
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200227
 2006697-019AMS/MSD

QC Summary Report for SW8151A

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acifluorfen	ND	0.0260	0.0500	-	-	-
Bentazon	ND	0.0110	0.0500	-	-	-
Chloramben	ND	0.0200	0.0500	-	-	-
2,4-D (Dichlorophenoxyacetic acid)	ND	0.0110	0.0500	-	-	-
2,4-DB	ND	0.0130	0.0500	-	-	-
Dalapon	ND	0.0150	0.100	-	-	-
DCPA (mono & diacid)	ND	0.0100	0.0500	-	-	-
Dicamba	ND	0.0110	0.0500	-	-	-
3,5-Dichlorobenzoic Acid	ND	0.00800	0.0500	-	-	-
Dichloroprop	ND	0.0110	0.0500	-	-	-
Dinoseb (DNBP)	ND	0.0130	0.0500	-	-	-
MCPA	ND	0.910	5.00	-	-	-
MCPP	ND	0.850	5.00	-	-	-
4-Nitrophenol	ND	0.0240	0.0500	-	-	-
Pentachlorophenol (PCP)	ND	0.0110	0.0500	-	-	-
Picloram	ND	0.00940	0.0500	-	-	-
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.00970	0.0500	-	-	-
2,4,5-TP (Silvex)	ND	0.00690	0.0500	-	-	-
Surrogate Recovery						
DCAA	0.102			0.1	102	63-129



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC15A
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200227
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200227
 2006697-019AMS/MSD

QC Summary Report for SW8151A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acifluorfen	0.0701	0.0705	0.10	70	71	60-140	0.562	30
Bentazon	0.0880	0.0897	0.10	88	90	60-140	1.96	30
Chloramben	0.0729	0.0724	0.10	73	72	60-140	0.698	30
2,4-D (Dichlorophenoxyacetic acid)	0.0967	0.0982	0.10	97	98	67-147	1.56	30
2,4-DB	0.0933	0.0939	0.10	93	94	61-152	0.600	30
Dalapon	0.106	0.109	0.10	106	109	54-153	2.79	30
DCPA (mono & diacid)	0.0790	0.0814	0.10	79	81	60-140	3.00	30
Dicamba	0.101	0.102	0.10	101	102	60-146	0.490	30
3,5-Dichlorobenzoic Acid	0.0978	0.0996	0.10	98	100	60-140	1.89	30
Dichloroprop	0.0892	0.0911	0.10	89	91	60-140	2.13	30
Dinoseb (DNBP)	0.0950	0.0862	0.10	95	86	60-140	9.71	30
MCPA	7.85	7.73	10	79	77	60-140	1.60	30
MCPP	8.73	8.40	10	87	84	60-140	3.79	30
4-Nitrophenol	0.102	0.104	0.10	102	104	60-140	1.70	30
Pentachlorophenol (PCP)	0.0966	0.0978	0.10	97	98	60-140	1.23	30
Picloram	0.0764	0.0759	0.10	76	76	60-140	0.709	30
2,4,5-T (Trichlorophenoxy acetic acid)	0.0855	0.0870	0.10	86	87	60-140	1.71	30
2,4,5-TP (Silvex)	0.0943	0.0960	0.10	94	96	63-145	1.86	30

Surrogate Recovery

DCAA	0.104	0.106	0.10	104	106	63-129	2.05	30
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acifluorfen	1	0.0704	0.0739	0.10	ND	70	74	60-140	4.83	30
Bentazon	1	0.0846	0.0893	0.10	ND	85	89	60-140	5.36	30
Chloramben	1	0.0742	0.0741	0.10	ND	74	74	60-140	0.148	30
2,4-D (Dichlorophenoxyacetic acid)	1	0.0957	0.100	0.10	ND	96	100	68-142	4.89	30
2,4-DB	1	0.0842	0.0882	0.10	ND	84	88	60-140	4.58	30
Dalapon	1	0.0928	0.100	0.10	ND	93	100	59-136	7.51	30
DCPA (mono & diacid)	1	0.0813	0.0847	0.10	ND	81	85	60-140	4.16	30
Dicamba	1	0.0905	0.0934	0.10	ND	91	93	57-139	3.11	30
3,5-Dichlorobenzoic Acid	1	0.0915	0.0965	0.10	ND	92	97	60-140	5.33	30
Dichloroprop	1	0.0896	0.0931	0.10	ND	90	93	60-140	3.80	30
Dinoseb (DNBP)	1	0.0806	0.0857	0.10	ND	81	86	60-140	6.14	30
MCPA	1	7.42	7.24	10	ND	74	72	60-140	2.59	30
MCPP	1	8.30	7.83	10	ND	83	78	60-140	5.92	30

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC15A
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200227
Extraction Method: SW8151A
Analytical Method: SW8151A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-200227
 2006697-019AMS/MSD

QC Summary Report for SW8151A

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
4-Nitrophenol	1	0.0860	0.0830	0.10	ND	86	83	60-140	3.49	30
Pentachlorophenol (PCP)	1	0.0884	0.0930	0.10	ND	88	93	60-140	5.01	30
Picloram	1	0.0791	0.0834	0.10	ND	79	83	60-140	5.23	30
2,4,5-T (Trichlorophenoxy acetic acid)	1	0.0836	0.0815	0.10	ND	84	82	60-140	2.51	30
2,4,5-TP (Silvex)	1	0.0906	0.0948	0.10	ND	91	95	61-139	4.60	30
Surrogate Recovery										
DCAA	1	0.0989	0.105	0.10		99	105	60-140	6.26	20



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/15/2020	BatchID:	200074
Date Analyzed:	06/17/2020	Extraction Method:	SW5030B
Instrument:	GC16	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200074

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.0670	0.100	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.000780	0.00500	-	-	-
Benzene	ND	0.000980	0.00500	-	-	-
Bromobenzene	ND	0.00120	0.00500	-	-	-
Bromochloromethane	ND	0.00110	0.00500	-	-	-
Bromodichloromethane	ND	0.000280	0.00100	-	-	-
Bromoform	ND	0.00170	0.00500	-	-	-
Bromomethane	ND	0.00180	0.00500	-	-	-
2-Butanone (MEK)	ND	0.0110	0.0200	-	-	-
t-Butyl alcohol (TBA)	ND	0.0320	0.0500	-	-	-
n-Butyl benzene	ND	0.00210	0.00500	-	-	-
sec-Butyl benzene	ND	0.00170	0.00500	-	-	-
tert-Butyl benzene	ND	0.00130	0.00500	-	-	-
Carbon Disulfide	ND	0.00300	0.00500	-	-	-
Carbon Tetrachloride	ND	0.000900	0.00500	-	-	-
Chlorobenzene	ND	0.000860	0.00500	-	-	-
Chloroethane	ND	0.00200	0.00500	-	-	-
Chloroform	ND	0.000110	0.00500	-	-	-
Chloromethane	ND	0.00260	0.00500	-	-	-
2-Chlorotoluene	ND	0.00160	0.00500	-	-	-
4-Chlorotoluene	ND	0.00120	0.00500	-	-	-
Dibromochloromethane	ND	0.000190	0.00500	-	-	-
1,2-Dibromo-3-chloropropane	0.000213,J	0.000160	0.000250	-	-	-
1,2-Dibromoethane (EDB)	0.0000571,J	0.0000340	0.000100	-	-	-
Dibromomethane	ND	0.000810	0.00500	-	-	-
1,2-Dichlorobenzene	ND	0.00110	0.00500	-	-	-
1,3-Dichlorobenzene	ND	0.00100	0.00500	-	-	-
1,4-Dichlorobenzene	ND	0.000850	0.00500	-	-	-
Dichlorodifluoromethane	ND	0.00130	0.00500	-	-	-
1,1-Dichloroethane	ND	0.000880	0.00500	-	-	-
1,2-Dichloroethane (1,2-DCA)	0.0000519,J	0.0000430	0.000250	-	-	-
1,1-Dichloroethene	0.0000375,J	0.0000280	0.000250	-	-	-
cis-1,2-Dichloroethene	ND	0.000840	0.00500	-	-	-
trans-1,2-Dichloroethene	ND	0.00110	0.00500	-	-	-
1,2-Dichloropropane	ND	0.000800	0.00500	-	-	-
1,3-Dichloropropane	ND	0.000700	0.00500	-	-	-
2,2-Dichloropropane	ND	0.00190	0.00500	-	-	-
1,1-Dichloropropene	ND	0.000830	0.00500	-	-	-

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Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/15/2020	BatchID:	200074
Date Analyzed:	06/17/2020	Extraction Method:	SW5030B
Instrument:	GC16	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200074

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00170	0.00500	-	-	-
trans-1,3-Dichloropropene	ND	0.00200	0.00500	-	-	-
Diisopropyl ether (DIPE)	ND	0.00110	0.00500	-	-	-
Ethylbenzene	ND	0.000950	0.00500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.00110	0.00500	-	-	-
Freon 113	ND	0.00110	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00230	0.00500	-	-	-
Hexachloroethane	ND	0.00140	0.00500	-	-	-
2-Hexanone	ND	0.00310	0.00500	-	-	-
Isopropylbenzene	ND	0.00170	0.00500	-	-	-
4-Isopropyl toluene	ND	0.00150	0.00500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.00170	0.00500	-	-	-
Methylene chloride	ND	0.00800	0.0100	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.00290	0.00500	-	-	-
Naphthalene	ND	0.00360	0.00500	-	-	-
n-Propyl benzene	ND	0.00160	0.00500	-	-	-
Styrene	ND	0.00270	0.00500	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.000890	0.00500	-	-	-
1,1,2,2-Tetrachloroethane	0.000181,J	0.0000870	0.000250	-	-	-
Tetrachloroethene	ND	0.000200	0.00100	-	-	-
Toluene	ND	0.00160	0.00500	-	-	-
1,2,3-Trichlorobenzene	ND	0.00370	0.00500	-	-	-
1,2,4-Trichlorobenzene	ND	0.00180	0.00500	-	-	-
1,1,1-Trichloroethane	ND	0.000840	0.00500	-	-	-
1,1,2-Trichloroethane	ND	0.000670	0.00500	-	-	-
Trichloroethene	ND	0.00160	0.00500	-	-	-
Trichlorofluoromethane	ND	0.00140	0.00500	-	-	-
1,2,3-Trichloropropane	0.0000946,J	0.0000420	0.000100	-	-	-
1,2,4-Trimethylbenzene	ND	0.00150	0.00500	-	-	-
1,3,5-Trimethylbenzene	ND	0.00160	0.00500	-	-	-
Vinyl Chloride	ND	0.0000530	0.000250	-	-	-
m,p-Xylene	ND	0.00230	0.00500	-	-	-
o-Xylene	ND	0.000740	0.00500	-	-	-

(Cont.)



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/15/2020	BatchID: 200074
Date Analyzed: 06/17/2020	Extraction Method: SW5030B
Instrument: GC16	Analytical Method: SW8260B
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200074

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.125			0.125	100	87-127
Toluene-d8	0.144			0.125	115	93-141
4-BFB	0.0137			0.0125	110	84-137
Benzene-d6	0.112			0.1	112	67-131
Ethylbenzene-d10	0.123			0.1	123	78-153
1,2-DCB-d4	0.0778			0.1	78	63-109



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/15/2020	BatchID:	200074
Date Analyzed:	06/17/2020	Extraction Method:	SW5030B
Instrument:	GC16	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200074

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.214	0.209	0.20	107	105	48-156	2.21	30
tert-Amyl methyl ether (TAME)	0.0142	0.0152	0.020	71	76	56-115	6.91	30
Benzene	0.0191	0.0191	0.020	95	95	63-131	0.173	30
Bromobenzene	0.0181	0.0176	0.020	91	88	66-127	3.22	30
Bromochloromethane	0.0172	0.0175	0.020	86	88	64-124	1.65	30
Bromodichloromethane	0.0169	0.0169	0.020	84	84	64-120	0.0391	30
Bromoform	0.0122	0.0145	0.020	61	73	48-92	17.0	30
Bromomethane	0.0237	0.0229	0.020	118	115	25-163	3.30	30
2-Butanone (MEK)	0.0687	0.0712	0.080	86	89	51-133	3.56	30
t-Butyl alcohol (TBA)	0.0778	0.0656	0.080	97	82	52-129	17.1	30
n-Butyl benzene	0.0254	0.0254	0.020	127	127	83-200	0.112	30
sec-Butyl benzene	0.0244	0.0240	0.020	122	120	81-199	1.64	30
tert-Butyl benzene	0.0222	0.0228	0.020	111	114	79-178	2.84	30
Carbon Disulfide	0.0193	0.0193	0.020	96	97	64-136	0.364	30
Carbon Tetrachloride	0.0175	0.0175	0.020	87	88	66-140	0.264	30
Chlorobenzene	0.0186	0.0188	0.020	93	94	73-116	1.23	30
Chloroethane	0.0224	0.0214	0.020	112	107	35-147	4.67	30
Chloroform	0.0188	0.0189	0.020	94	95	65-130	0.489	30
Chloromethane	0.0220	0.0210	0.020	110	105	30-137	4.78	30
2-Chlorotoluene	0.0213	0.0208	0.020	106	104	75-152	2.19	30
4-Chlorotoluene	0.0206	0.0200	0.020	103	100	71-148	2.86	30
Dibromochloromethane	0.0164	0.0168	0.020	82	84	61-106	2.44	30
1,2-Dibromo-3-chloropropane	0.00730	0.00726	0.010	73	73	36-120	0.540	30
1,2-Dibromoethane (EDB)	0.00846	0.00871	0.010	85	87	67-118	2.94	30
Dibromomethane	0.0167	0.0168	0.020	84	84	61-116	0.238	30
1,2-Dichlorobenzene	0.0151	0.0148	0.020	75	74	59-106	1.75	30
1,3-Dichlorobenzene	0.0186	0.0185	0.020	93	93	75-129	0.662	30
1,4-Dichlorobenzene	0.0182	0.0181	0.020	91	90	66-127	0.822	30
Dichlorodifluoromethane	0.0112	0.0109	0.020	56	55	13-74	2.35	30
1,1-Dichloroethane	0.0192	0.0193	0.020	96	97	65-134	0.699	30
1,2-Dichloroethane (1,2-DCA)	0.0163	0.0164	0.020	82	82	57-131	0.492	30
1,1-Dichloroethene	0.0170	0.0171	0.020	85	85	62-127	0.236	30
cis-1,2-Dichloroethene	0.0189	0.0188	0.020	94	94	66-130	0.0448	30
trans-1,2-Dichloroethene	0.0188	0.0190	0.020	94	95	60-131	0.745	30
1,2-Dichloropropane	0.0179	0.0179	0.020	89	90	63-127	0.363	30
1,3-Dichloropropane	0.0174	0.0180	0.020	87	90	68-124	2.99	30
2,2-Dichloropropane	0.0201	0.0200	0.020	100	100	63-150	0.516	30
1,1-Dichloropropene	0.0184	0.0186	0.020	92	93	67-134	1.48	30

(Cont.)



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/15/2020	BatchID:	200074
Date Analyzed:	06/17/2020	Extraction Method:	SW5030B
Instrument:	GC16	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200074

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0189	0.0193	0.020	94	96	65-138	2.17	30
trans-1,3-Dichloropropene	0.0178	0.0182	0.020	89	91	66-124	2.32	30
Diisopropyl ether (DIPE)	0.0179	0.0183	0.020	90	91	58-129	1.83	30
Ethylbenzene	0.0199	0.0201	0.020	100	100	73-145	0.602	30
Ethyl tert-butyl ether (ETBE)	0.0155	0.0168	0.020	78	84	62-125	7.81	30
Freon 113	0.0163	0.0161	0.020	81	81	55-116	0.964	30
Hexachlorobutadiene	0.0201	0.0206	0.020	100	103	75-178	2.65	30
Hexachloroethane	0.0235	0.0233	0.020	117	116	75-152	0.832	30
2-Hexanone	0.0128	0.0131	0.020	64	66	41-113	2.83	30
Isopropylbenzene	0.0247	0.0241	0.020	124	121	67-172	2.34	30
4-Isopropyl toluene	0.0240	0.0237	0.020	120	119	88-171	1.32	30
Methyl-t-butyl ether (MTBE)	0.0141	0.0161	0.020	70	81	58-122	13.4	30
Methylene chloride	0.0198	0.0200	0.020	99	100	57-140	1.08	30
4-Methyl-2-pentanone (MIBK)	0.0138	0.0128	0.020	69	64	42-117	7.22	30
Naphthalene	0.00961	0.0100	0.020	48	50	29-65	3.96	30
n-Propyl benzene	0.0237	0.0235	0.020	119	117	85-174	1.05	30
Styrene	0.0164	0.0166	0.020	82	83	63-126	0.988	30
1,1,1,2-Tetrachloroethane	0.0171	0.0178	0.020	86	89	68-131	4.07	30
1,1,2,2-Tetrachloroethane	0.0163	0.0161	0.020	81	80	45-121	1.07	30
Tetrachloroethene	0.0188	0.0189	0.020	94	95	65-150	0.288	30
Toluene	0.0201	0.0197	0.020	100	99	72-135	1.69	30
1,2,3-Trichlorobenzene	0.00975	0.0105	0.020	49	52	35-80	7.05	30
1,2,4-Trichlorobenzene	0.0131	0.0133	0.020	66	66	45-103	1.32	30
1,1,1-Trichloroethane	0.0180	0.0181	0.020	90	91	67-137	0.947	30
1,1,2-Trichloroethane	0.0168	0.0169	0.020	84	85	67-117	0.455	30
Trichloroethene	0.0180	0.0183	0.020	90	91	62-135	1.73	30
Trichlorofluoromethane	0.0166	0.0165	0.020	83	83	56-124	0.421	30
1,2,3-Trichloropropane	0.00854	0.00861	0.010	85	86	58-133	0.866	30
1,2,4-Trimethylbenzene	0.0216	0.0215	0.020	108	107	78-161	0.834	30
1,3,5-Trimethylbenzene	0.0232	0.0231	0.020	116	115	85-170	0.657	30
Vinyl Chloride	0.0108	0.0105	0.010	107	105	32-142	2.75	30
m,p-Xylene	0.0378	0.0382	0.040	95	96	70-138	0.957	30
o-Xylene	0.0183	0.0185	0.020	91	92	69-135	1.22	30

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Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/15/2020	BatchID:	200074
Date Analyzed:	06/17/2020	Extraction Method:	SW5030B
Instrument:	GC16	Analytical Method:	SW8260B
Matrix:	Soil	Unit:	mg/kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200074

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.123	0.124	0.12	98	99	87-127	0.867	30
Toluene-d8	0.139	0.139	0.12	111	112	93-141	0.153	30
4-BFB	0.0138	0.0133	0.012	111	107	84-137	3.60	30
Benzene-d6	0.0998	0.0997	0.10	100	100	67-131	0.153	30
Ethylbenzene-d10	0.114	0.116	0.10	114	116	78-153	1.80	30
1,2-DCB-d4	0.0788	0.0791	0.10	79	79	63-109	0.363	30



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00150	0.00250	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.00350	0.0130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.0130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

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Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/17/2020	BatchID: 200232
Date Analyzed: 06/17/2020 - 06/18/2020	Extraction Method: SW3550B/3640A
Instrument: GC21	Analytical Method: SW8270C
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200232

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	1.32			1.25	105	60-130
Phenol-d5	1.26			1.25	101	60-130
Nitrobenzene-d5	1.09			1.25	87	60-130
2-Fluorobiphenyl	1.05			1.25	84	60-130
2,4,6-Tribromophenol	0.992			1.25	79	50-130
4-Terphenyl-d14	0.925			1.25	74	50-130



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.0960	0.0922	0.12	77	74	60-130	4.02	30
Acenaphthylene	0.0998	0.0944	0.12	80	76	60-130	5.52	30
Anthracene	0.102	0.0965	0.12	81	77	60-130	5.08	30
Benzidine	4.66	4.33	12.5	37	35	30-130	7.45	30
Benzo (a) anthracene	0.108	0.0989	0.12	86	79	60-130	8.63	30
Benzo (a) pyrene	0.116	0.107	0.12	93	86	60-130	7.82	30
Benzo (b) fluoranthene	0.114	0.106	0.12	91	85	40-130	6.61	30
Benzo (g,h,i) perylene	0.108	0.0987	0.12	87	79	60-130	9.20	30
Benzo (k) fluoranthene	0.117	0.107	0.12	94	85	60-130	9.14	30
Benzyl Alcohol	10.4	9.45	12.5	83	76	60-130	9.59	30
Bis (2-chloroethoxy) Methane	1.84	1.72	2.5	74	69	60-130	7.15	30
Bis (2-chloroethyl) Ether	0.109	0.0967	0.12	87	77	60-130	12.2	30
Bis (2-chloroisopropyl) Ether	0.0953	0.0852	0.12	76	68	60-130	11.2	30
Bis (2-ethylhexyl) Adipate	2.15	2.03	2.5	86	81	40-130	5.79	30
Bis (2-ethylhexyl) Phthalate	0.118	0.109	0.12	94	88	60-130	7.18	30
4-Bromophenyl Phenyl Ether	1.86	1.65	2.5	74	66	60-130	11.7	30
Butylbenzyl Phthalate	0.121	0.115	0.12	97	92	60-130	5.10	30
4-Chloroaniline	0.0812	0.0761	0.12	65	61	40-130	6.45	30
4-Chloro-3-methylphenol	2.32	2.12	2.5	93	85	60-130	9.27	30
2-Chloronaphthalene	1.87	1.81	2.5	75	72	60-130	3.31	30
2-Chlorophenol	0.121	0.110	0.12	97	88	60-130	9.71	30
4-Chlorophenyl Phenyl Ether	1.80	1.72	2.5	72	69	60-130	4.65	30
Chrysene	0.104	0.0951	0.12	84	76	60-130	9.42	30
Dibenzo (a,h) anthracene	0.106	0.0983	0.12	85	79	60-130	7.59	30
Dibenzofuran	1.89	1.80	2.5	76	72	60-130	5.03	30
Di-n-butyl Phthalate	0.114	0.108	0.12	91	87	60-130	5.40	30
1,2-Dichlorobenzene	2.00	1.80	2.5	80	72	60-130	10.5	30
1,3-Dichlorobenzene	1.98	1.75	2.5	79	70	60-130	12.6	30
1,4-Dichlorobenzene	1.81	1.65	2.5	73	66	60-130	9.19	30
3,3-Dichlorobenzidine	0.0775	0.0717	0.12	62	57	40-130	7.75	30
2,4-Dichlorophenol	0.109	0.101	0.12	87	81	60-130	7.16	30
Diethyl Phthalate	0.102	0.0969	0.12	82	78	60-130	5.14	30
2,4-Dimethylphenol	2.34	2.15	2.5	93	86	60-130	8.44	30
Dimethyl Phthalate	0.0991	0.0942	0.12	79	75	60-130	5.01	30
4,6-Dinitro-2-methylphenol	9.12	8.54	12.5	73	68	30-130	6.49	30
2,4-Dinitrophenol	1.83	1.76	2.5	73	71	15-130	3.62	30
2,4-Dinitrotoluene	0.106	0.102	0.12	85	81	60-130	4.12	30
2,6-Dinitrotoluene	0.102	0.0982	0.12	81	79	60-130	3.52	30

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Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020 - 06/18/2020
Instrument: GC21
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200232
Extraction Method: SW3550B/3640A
Analytical Method: SW8270C
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200232

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Di-n-octyl Phthalate	0.128	0.122	0.12	103	97	60-130	5.23	30
1,2-Diphenylhydrazine	1.93	1.77	2.5	77	71	60-130	8.58	30
Fluoranthene	0.105	0.0991	0.12	84	79	60-130	5.99	30
Fluorene	0.101	0.0959	0.12	81	77	60-130	5.31	30
Hexachlorobenzene	0.0862	0.0807	0.12	69	65	60-130	6.63	30
Hexachlorobutadiene	0.0972	0.0893	0.12	78	71	60-130	8.52	30
Hexachlorocyclopentadiene	8.78	8.31	12.5	70	66	40-130	5.54	30
Hexachloroethane	0.116	0.103	0.12	93	82	60-130	12.5	30
Indeno (1,2,3-cd) pyrene	0.105	0.0950	0.12	84	76	60-130	10.1	30
Isophorone	2.16	1.96	2.5	86	79	60-130	9.27	30
2-Methylnaphthalene	0.107	0.0971	0.12	86	78	60-130	9.76	30
2-Methylphenol (o-Cresol)	2.03	1.85	2.5	81	74	60-130	9.13	30
3 & 4-Methylphenol (m,p-Cresol)	2.18	1.94	2.5	87	78	60-130	11.4	30
Naphthalene	0.100	0.0920	0.12	80	74	60-130	8.62	30
2-Nitroaniline	10.2	9.66	12.5	82	77	60-130	5.62	30
3-Nitroaniline	8.54	8.30	12.5	68	66	30-130	2.78	30
4-Nitroaniline	8.38	8.04	12.5	67	64	60-130	4.22	30
Nitrobenzene	1.98	1.84	2.5	79	74	60-130	7.17	30
2-Nitrophenol	11.0	10.1	12.5	88	81	60-130	8.76	30
4-Nitrophenol	10.7	10.3	12.5	86	82	60-130	4.07	30
N-Nitrosodiphenylamine	1.83	1.73	2.5	73	69	60-130	5.50	30
N-Nitrosodi-n-propylamine	2.00	1.77	2.5	80	71	60-130	12.1	30
Pentachlorophenol	0.448	0.421	0.62	72	67	40-130	6.08	30
Phenanthrene	0.0933	0.0882	0.12	75	71	60-130	5.61	30
Phenol	0.447	0.399	0.50	89	80	60-130	11.4	30
Pyrene	0.108	0.102	0.12	86	82	60-130	5.13	30
Pyridine	1.75	1.50	2.5	70	60	30-130	15.1	30
1,2,4-Trichlorobenzene	1.82	1.70	2.5	73	68	60-130	6.89	30
2,4,5-Trichlorophenol	0.108	0.104	0.12	87	83	60-130	4.01	30
2,4,6-Trichlorophenol	0.104	0.100	0.12	83	80	60-130	3.56	30

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Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/17/2020	BatchID:	200232
Date Analyzed:	06/17/2020 - 06/18/2020	Extraction Method:	SW3550B/3640A
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200232

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.21	1.15	1.25	96	92	60-130	4.81	30
Phenol-d5	1.18	1.11	1.25	94	89	60-130	5.91	30
Nitrobenzene-d5	1.04	1.07	1.25	83	86	60-130	2.85	30
2-Fluorobiphenyl	0.988	1.01	1.25	79	81	60-130	1.98	30
2,4,6-Tribromophenol	0.977	0.984	1.25	78	79	50-130	0.704	30
4-Terphenyl-d14	0.946	0.982	1.25	76	79	50-130	3.65	30



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/18/2020	BatchID:	200316
Date Analyzed:	06/20/2020	Extraction Method:	SW3550B/3640A
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200316 2006697-013AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzoic Acid	ND	0.370	1.20	-	-	-
Acenaphthene	ND	0.000510	0.00130	-	-	-
Acenaphthylene	ND	0.000300	0.00130	-	-	-
Acetochlor	ND	0.0320	0.250	-	-	-
Anthracene	ND	0.000850	0.00130	-	-	-
Benzidine	ND	0.120	1.20	-	-	-
Benzo (a) anthracene	ND	0.00400	0.0130	-	-	-
Benzo (a) pyrene	ND	0.00120	0.00250	-	-	-
Benzo (b) fluoranthene	ND	0.00110	0.00630	-	-	-
Benzo (g,h,i) perylene	ND	0.00160	0.00250	-	-	-
Benzo (k) fluoranthene	ND	0.00120	0.00130	-	-	-
Benzyl Alcohol	ND	0.630	1.20	-	-	-
1,1-Biphenyl	ND	0.00280	0.0130	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.0280	0.250	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00150	0.00250	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.00350	0.0130	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.0440	0.250	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0110	0.0250	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.0330	0.250	-	-	-
Butylbenzyl Phthalate	ND	0.00550	0.0250	-	-	-
4-Chloroaniline	ND	0.000660	0.00250	-	-	-
4-Chloro-3-methylphenol	ND	0.0320	0.250	-	-	-
2-Chloronaphthalene	ND	0.0200	0.250	-	-	-
2-Chlorophenol	ND	0.00190	0.0130	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.0290	0.250	-	-	-
Chrysene	ND	0.00140	0.00250	-	-	-
Dibenzo (a,h) anthracene	ND	0.00140	0.00250	-	-	-
Dibenzofuran	ND	0.0150	0.250	-	-	-
Di-n-butyl Phthalate	ND	0.00520	0.0130	-	-	-
1,2-Dichlorobenzene	ND	0.0170	0.250	-	-	-
1,3-Dichlorobenzene	ND	0.0210	0.250	-	-	-
1,4-Dichlorobenzene	ND	0.0270	0.250	-	-	-
3,3-Dichlorobenzidine	ND	0.00100	0.00250	-	-	-
2,4-Dichlorophenol	ND	0.000500	0.0130	-	-	-
Diethyl Phthalate	ND	0.00350	0.0130	-	-	-
2,4-Dimethylphenol	ND	0.0310	0.250	-	-	-
Dimethyl Phthalate	ND	0.00120	0.00250	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.180	1.20	-	-	-

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Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/18/2020	BatchID: 200316
Date Analyzed: 06/20/2020	Extraction Method: SW3550B/3640A
Instrument: GC21	Analytical Method: SW8270C
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200316 2006697-013AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.160	0.250	-	-	-
2,4-Dinitrotoluene	ND	0.00240	0.0130	-	-	-
2,6-Dinitrotoluene	ND	0.00150	0.0130	-	-	-
Di-n-octyl Phthalate	ND	0.00490	0.0130	-	-	-
1,2-Diphenylhydrazine	ND	0.0300	0.250	-	-	-
Fluoranthene	ND	0.00120	0.00130	-	-	-
Fluorene	ND	0.00110	0.00250	-	-	-
Hexachlorobenzene	ND	0.000380	0.00130	-	-	-
Hexachlorobutadiene	ND	0.000170	0.00250	-	-	-
Hexachlorocyclopentadiene	ND	0.150	2.00	-	-	-
Hexachloroethane	ND	0.00160	0.0130	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00240	0.0130	-	-	-
Isophorone	ND	0.0460	0.250	-	-	-
2-Methylnaphthalene	ND	0.000540	0.00250	-	-	-
2-Methylphenol (o-Cresol)	ND	0.0570	0.250	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.0720	0.250	-	-	-
Naphthalene	ND	0.000550	0.00130	-	-	-
2-Nitroaniline	ND	0.0870	1.20	-	-	-
3-Nitroaniline	ND	0.0910	1.20	-	-	-
4-Nitroaniline	ND	0.130	1.20	-	-	-
Nitrobenzene	ND	0.0250	0.250	-	-	-
2-Nitrophenol	ND	0.150	1.20	-	-	-
4-Nitrophenol	ND	0.380	1.20	-	-	-
N-Nitrosodimethylamine	ND	0.140	1.20	-	-	-
N-Nitrosodiphenylamine	ND	0.0260	0.250	-	-	-
N-Nitrosodi-n-propylamine	ND	0.0770	0.250	-	-	-
Pentachlorophenol	ND	0.00990	0.0620	-	-	-
Phenanthrene	ND	0.00120	0.00500	-	-	-
Phenol	ND	0.00500	0.0500	-	-	-
Pyrene	ND	0.000930	0.00250	-	-	-
Pyridine	ND	0.0480	0.250	-	-	-
1,2,4-Trichlorobenzene	ND	0.0250	0.250	-	-	-
2,4,5-Trichlorophenol	ND	0.000740	0.00250	-	-	-
2,4,6-Trichlorophenol	ND	0.000840	0.0130	-	-	-

(Cont.)



Quality Control Report

Client: Langan Date Prepared: 06/18/2020 Date Analyzed: 06/20/2020 Instrument: GC21 Matrix: Soil Project: 750664801; 1666 Seventh Street	WorkOrder: 2006697 BatchID: 200316 Extraction Method: SW3550B/3640A Analytical Method: SW8270C Unit: mg/Kg Sample ID: MB/LCS/LCSD-200316 2006697-013AMS/MSD
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QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	1.36			1.25	108	60-130
Phenol-d5	1.26			1.25	101	60-130
Nitrobenzene-d5	1.09			1.25	87	60-130
2-Fluorobiphenyl	1.12			1.25	90	60-130
2,4,6-Tribromophenol	0.879			1.25	70	50-130
4-Terphenyl-d14	1.04			1.25	83	50-130



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/18/2020	BatchID:	200316
Date Analyzed:	06/20/2020	Extraction Method:	SW3550B/3640A
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200316 2006697-013AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.119	0.108	0.12	95	86	60-130	9.74	30
Acenaphthylene	0.119	0.108	0.12	95	86	60-130	9.48	30
Anthracene	0.125	0.110	0.12	100	88	60-130	13.4	30
Benzidine	4.78	4.29	12.5	38	34	30-130	11.0	30
Benzo (a) anthracene	0.125	0.115	0.12	100	92	60-130	8.42	30
Benzo (a) pyrene	0.134	0.125	0.12	107	100	60-130	7.22	30
Benzo (b) fluoranthene	0.126	0.119	0.12	101	95	40-130	5.71	30
Benzo (g,h,i) perylene	0.134	0.130	0.12	108	104	60-130	3.58	30
Benzo (k) fluoranthene	0.155	0.140	0.12	124	112	60-130	10.3	30
Benzyl Alcohol	11.9	10.8	12.5	95	86	60-130	9.95	30
Bis (2-chloroethoxy) Methane	2.32	2.04	2.5	93	82	60-130	12.5	30
Bis (2-chloroethyl) Ether	0.129	0.115	0.12	103	92	60-130	12.0	30
Bis (2-chloroisopropyl) Ether	0.132	0.105	0.12	106	84	60-130	23.4	30
Bis (2-ethylhexyl) Adipate	2.74	2.38	2.5	110	95	40-130	14.2	30
Bis (2-ethylhexyl) Phthalate	0.125	0.113	0.12	100	90	60-130	10.1	30
4-Bromophenyl Phenyl Ether	2.35	2.12	2.5	94	85	60-130	10.2	30
Butylbenzyl Phthalate	0.141	0.128	0.12	113	103	60-130	9.41	30
4-Chloroaniline	0.0960	0.0853	0.12	77	68	40-130	11.8	30
4-Chloro-3-methylphenol	2.70	2.37	2.5	108	95	60-130	13.1	30
2-Chloronaphthalene	2.37	2.09	2.5	95	84	60-130	12.5	30
2-Chlorophenol	0.135	0.125	0.12	108	100	60-130	7.76	30
4-Chlorophenyl Phenyl Ether	2.23	1.98	2.5	89	79	60-130	12.0	30
Chrysene	0.126	0.118	0.12	101	95	60-130	6.20	30
Dibenzo (a,h) anthracene	0.116	0.121	0.12	93	97	60-130	4.02	30
Dibenzofuran	2.28	2.08	2.5	91	83	60-130	9.08	30
Di-n-butyl Phthalate	0.135	0.116	0.12	108	93	60-130	15.1	30
1,2-Dichlorobenzene	2.39	2.12	2.5	96	85	60-130	12.2	30
1,3-Dichlorobenzene	2.36	2.12	2.5	94	85	60-130	10.8	30
1,4-Dichlorobenzene	2.19	1.97	2.5	88	79	60-130	10.8	30
3,3-Dichlorobenzidine	0.0817	0.0766	0.12	65	61	40-130	6.44	30
2,4-Dichlorophenol	0.128	0.115	0.12	103	92	60-130	11.4	30
Diethyl Phthalate	0.124	0.111	0.12	99	89	60-130	10.8	30
2,4-Dimethylphenol	2.81	2.40	2.5	112	96	60-130	15.6	30
Dimethyl Phthalate	0.120	0.110	0.12	96	88	60-130	9.55	30
4,6-Dinitro-2-methylphenol	10.8	9.78	12.5	86	78	30-130	9.73	30
2,4-Dinitrophenol	2.00	1.84	2.5	80	73	15-130	8.54	30
2,4-Dinitrotoluene	0.123	0.111	0.12	99	89	60-130	10.5	30
2,6-Dinitrotoluene	0.118	0.107	0.12	95	86	60-130	9.78	30

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Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/18/2020	BatchID:	200316
Date Analyzed:	06/20/2020	Extraction Method:	SW3550B/3640A
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200316 2006697-013AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Di-n-octyl Phthalate	0.131	0.120	0.12	105	96	60-130	8.87	30
1,2-Diphenylhydrazine	2.48	2.17	2.5	99	87	60-130	13.5	30
Fluoranthene	0.126	0.110	0.12	101	88	60-130	13.8	30
Fluorene	0.126	0.114	0.12	100	91	60-130	9.83	30
Hexachlorobenzene	0.110	0.0962	0.12	88	77	60-130	13.5	30
Hexachlorobutadiene	0.120	0.106	0.12	96	85	60-130	12.6	30
Hexachlorocyclopentadiene	11.4	10.2	12.5	92	81	40-130	11.7	30
Hexachloroethane	0.140	0.123	0.12	112	99	60-130	12.2	30
Indeno (1,2,3-cd) pyrene	0.123	0.119	0.12	99	95	60-130	3.68	30
Isophorone	2.64	2.31	2.5	105	92	60-130	13.1	30
2-Methylnaphthalene	0.132	0.116	0.12	106	92	60-130	13.4	30
2-Methylphenol (o-Cresol)	2.38	2.19	2.5	95	88	60-130	8.38	30
3 & 4-Methylphenol (m,p-Cresol)	2.62	2.32	2.5	105	93	60-130	12.1	30
Naphthalene	0.123	0.109	0.12	99	87	60-130	12.3	30
2-Nitroaniline	12.2	11.0	12.5	97	88	60-130	10.2	30
3-Nitroaniline	9.76	9.19	12.5	78	74	30-130	5.99	30
4-Nitroaniline	9.86	8.81	12.5	79	70	60-130	11.2	30
Nitrobenzene	2.42	2.19	2.5	97	87	60-130	10.3	30
2-Nitrophenol	12.9	11.9	12.5	103	95	60-130	8.50	30
4-Nitrophenol	12.6	11.5	12.5	101	92	60-130	9.23	30
N-Nitrosodiphenylamine	2.32	2.06	2.5	93	82	60-130	12.0	30
N-Nitrosodi-n-propylamine	2.46	2.22	2.5	98	89	60-130	10.1	30
Pentachlorophenol	0.434	0.392	0.62	69	63	40-130	10.2	30
Phenanthrene	0.118	0.103	0.12	94	82	60-130	13.3	30
Phenol	0.504	0.459	0.50	101	92	60-130	9.23	30
Pyrene	0.136	0.123	0.12	108	98	60-130	9.75	30
Pyridine	1.89	1.68	2.5	76	67	30-130	11.9	30
1,2,4-Trichlorobenzene	2.20	2.02	2.5	88	81	60-130	8.94	30
2,4,5-Trichlorophenol	0.124	0.115	0.12	99	92	60-130	7.18	30
2,4,6-Trichlorophenol	0.120	0.110	0.12	96	88	60-130	8.96	30

(Cont.)



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/18/2020	BatchID:	200316
Date Analyzed:	06/20/2020	Extraction Method:	SW3550B/3640A
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200316 2006697-013AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.30	1.21	1.25	104	96	60-130	7.59	30
Phenol-d5	1.22	1.17	1.25	98	94	60-130	4.06	30
Nitrobenzene-d5	1.17	1.14	1.25	94	91	60-130	2.23	30
2-Fluorobiphenyl	1.12	1.12	1.25	90	90	60-130	0.216	30
2,4,6-Tribromophenol	1.11	1.04	1.25	88	83	50-130	6.32	30
4-Terphenyl-d14	1.13	1.10	1.25	90	88	50-130	3.19	30

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acenaphthene	1	0.107	0.131	0.12	ND	86	105	60-130	20.0	30
Acenaphthylene	1	0.111	0.137	0.12	ND	88	109	60-130	21.0	30
Anthracene	1	0.117	0.146	0.12	ND	94	117	60-130	22.0	30
Benzidine	1	5.57	7.46	12.5	ND	45	60	30-130	29.0	30
Benzo (a) anthracene	1	0.125	0.150	0.12	ND	100	120	60-130	18.1	30
Benzo (a) pyrene	1	0.139	0.175	0.12	0.003382	109	137,F1	60-130	22.8	30
Benzo (b) fluoranthene	1	0.130	0.163	0.62	ND	20,F1	25,F1	40-130	22.8	30
Benzo (g,h,i) perylene	1	0.142	0.178	0.12	0.004614	110	139,F1	60-130	22.6	30
Benzo (k) fluoranthene	1	0.145	0.172	0.12	0.001796	115	136,F1	60-130	17.0	30
Benzyl Alcohol	1	11.0	12.9	12.5	ND	88	103	60-130	15.6	30
Bis (2-chloroethoxy) Methane	1	2.08	2.49	2.5	ND	83	100	60-130	17.9	30
Bis (2-chloroethyl) Ether	1	0.122	0.143	0.12	ND	97	115	60-130	16.5	30
Bis (2-chloroisopropyl) Ether	1	0.126	0.142	0.12	ND	101	114	60-130	12.5	30
Bis (2-ethylhexyl) Adipate	1	2.49	3.10	2.5	ND	100	124	40-130	21.9	30
Bis (2-ethylhexyl) Phthalate	1	0.132	0.172	0.12	ND	105	138,F1	60-130	26.8	30
4-Bromophenyl Phenyl Ether	1	2.12	2.60	2.5	ND	85	104	60-130	20.3	30
Butylbenzyl Phthalate	1	0.135	0.165	0.12	ND	108	132,F1	60-130	20.2	30
4-Chloroaniline	1	0.115	0.147	0.12	ND	92	117	40-130	24.4	30
4-Chloro-3-methylphenol	1	2.48	3.16	2.5	ND	99	127	60-130	24.1	30
2-Chloronaphthalene	1	2.12	2.58	2.5	ND	85	103	60-130	19.2	30
2-Chlorophenol	1	0.132	0.155	0.12	ND	106	124	60-130	16.1	30
4-Chlorophenyl Phenyl Ether	1	1.94	2.48	2.5	ND	77	99	60-130	24.7	30
Chrysene	1	0.121	0.142	0.12	0.002768	95	112	60-130	16.1	30
Dibenzo (a,h) anthracene	1	0.122	0.154	0.12	ND	97	122	60-130	22.9	30
Dibenzofuran	1	2.11	2.57	2.5	ND	84	103	60-130	19.8	30
Di-n-butyl Phthalate	1	0.136	0.170	0.12	ND	105	132,F1	60-130	22.5	30

(Cont.)



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/18/2020	BatchID:	200316
Date Analyzed:	06/20/2020	Extraction Method:	SW3550B/3640A
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200316 2006697-013AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,2-Dichlorobenzene	1	2.19	2.52	2.5	ND	87	101	60-130	14.2	30
1,3-Dichlorobenzene	1	2.18	2.45	2.5	ND	87	98	60-130	11.3	30
1,4-Dichlorobenzene	1	2.01	2.32	2.5	ND	80	93	60-130	14.3	30
3,3-Dichlorobenzidine	1	0.111	0.142	0.12	ND	89	114	40-130	24.5	30
2,4-Dichlorophenol	1	0.118	0.147	2.5	ND	5,F1	6,F1	60-130	21.9	30
Diethyl Phthalate	1	0.110	0.136	0.12	ND	88	108	60-130	20.8	30
2,4-Dimethylphenol	1	2.54	3.16	2.5	ND	102	126	60-130	21.7	30
Dimethyl Phthalate	1	0.109	0.134	0.12	ND	87	107	60-130	20.4	30
4,6-Dinitro-2-methylphenol	1	9.26	11.7	12.5	ND	74	93	30-130	23.0	30
2,4-Dinitrophenol	1	1.36	1.71	2.5	ND	54	68	15-130	22.9	30
2,4-Dinitrotoluene	1	0.111	0.136	0.12	ND	89	109	60-130	20.5	30
2,6-Dinitrotoluene	1	0.110	0.137	0.12	ND	88	110	60-130	21.7	30
Di-n-octyl Phthalate	1	0.136	0.170	0.12	ND	109	136,F1	60-130	22.8	30
1,2-Diphenylhydrazine	1	2.33	2.76	2.5	ND	93	110	60-130	16.8	30
Fluoranthene	1	0.126	0.153	0.12	0.004561	97	119	60-130	18.9	30
Fluorene	1	0.111	0.136	0.12	ND	89	109	60-130	19.7	30
Hexachlorobenzene	1	0.100	0.123	0.12	ND	80	98	60-130	20.4	30
Hexachlorobutadiene	1	0.107	0.132	0.12	ND	86	105	60-130	20.5	30
Hexachlorocyclopentadiene	1	9.81	12.2	12.5	ND	78	98	40-130	22.0	30
Hexachloroethane	1	0.128	0.145	0.12	ND	102	116	60-130	12.5	30
Indeno (1,2,3-cd) pyrene	1	0.127	0.158	0.12	ND	99	124	60-130	22.2	30
Isophorone	1	2.36	2.95	2.5	ND	94	118	60-130	22.5	30
2-Methylnaphthalene	1	0.123	0.152	0.12	0.004181	95	118	60-130	20.7	30
2-Methylphenol (o-Cresol)	1	2.32	2.64	2.5	ND	93	105	60-130	12.7	30
3 & 4-Methylphenol (m,p-Cresol)	1	2.41	2.94	2.5	ND	96	117	60-130	19.6	30
Naphthalene	1	0.115	0.141	0.12	0.003893	89	110	60-130	20.1	30
2-Nitroaniline	1	11.3	13.6	12.5	ND	90	109	60-130	18.4	30
3-Nitroaniline	1	11.3	13.4	12.5	ND	91	107	30-130	16.6	30
4-Nitroaniline	1	9.57	11.6	12.5	ND	77	92	60-130	18.9	30
Nitrobenzene	1	2.29	2.72	2.5	ND	92	109	60-130	17.4	30
2-Nitrophenol	1	12.0	14.9	12.5	ND	96	119	60-130	21.4	30
4-Nitrophenol	1	11.5	14.1	12.5	ND	92	113	60-130	20.7	30
N-Nitrosodiphenylamine	1	2.15	2.63	2.5	ND	86	105	60-130	20.0	30
N-Nitrosodi-n-propylamine	1	2.17	2.63	2.5	ND	87	105	60-130	18.9	30
Pentachlorophenol	1	0.375	0.511	0.62	ND	60	82	40-130	30.7,F1	30
Phenanthrene	1	0.112	0.136	0.12	ND	87	106	60-130	19.3	30
Phenol	1	0.481	0.567	0.50	ND	96	113	60-130	16.4	30
Pyrene	1	0.135	0.158	0.12	0.005085	104	123	60-130	16.3	30

(Cont.)



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/18/2020	BatchID:	200316
Date Analyzed:	06/20/2020	Extraction Method:	SW3550B/3640A
Instrument:	GC21	Analytical Method:	SW8270C
Matrix:	Soil	Unit:	mg/Kg
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200316 2006697-013AMS/MSD

QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Pyridine	1	1.81	2.05	2.5	ND	73	82	30-130	12.2	30
1,2,4-Trichlorobenzene	1	2.07	2.52	2.5	ND	83	101	60-130	19.6	30
2,4,5-Trichlorophenol	1	0.116	0.144	0.12	ND	93	115	60-130	21.8	30
2,4,6-Trichlorophenol	1	0.112	0.142	0.12	ND	90	113	60-130	23.3	30
Surrogate Recovery										
2-Fluorophenol	1	1.26	1.48	1.25		101	118	60-130	15.8	30
Phenol-d5	1	1.20	1.40	1.25		96	112	60-130	15.4	30
Nitrobenzene-d5	1	1.16	1.38	1.25		93	110	60-130	17.5	30
2-Fluorobiphenyl	1	1.09	1.28	1.25		87	103	60-130	16.4	30
2,4,6-Tribromophenol	1	1.07	1.31	1.25		85	105	50-130	20.7	30
4-Terphenyl-d14	1	1.09	1.29	1.25		87	103	50-130	16.6	30



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/15/2020	BatchID: 200040
Date Analyzed: 06/16/2020	Extraction Method: SW3050B
Instrument: ICP-MS5	Analytical Method: SW6020
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200040

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.150	0.500	-	-	-
Barium	ND	0.570	5.00	-	-	-
Beryllium	ND	0.0730	0.500	-	-	-
Cadmium	0.0690,J	0.0610	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0520	0.500	-	-	-
Copper	ND	0.180	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Mercury	ND	0.0320	0.0500	-	-	-
Molybdenum	ND	0.160	0.500	-	-	-
Nickel	ND	0.170	0.500	-	-	-
Selenium	ND	0.150	0.500	-	-	-
Silver	ND	0.120	0.500	-	-	-
Thallium	ND	0.0670	0.500	-	-	-
Vanadium	ND	0.130	0.500	-	-	-
Zinc	ND	3.00	5.00	-	-	-
Surrogate Recovery						
Terbium	517			500	103	70-130



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/15/2020	BatchID: 200040
Date Analyzed: 06/16/2020	Extraction Method: SW3050B
Instrument: ICP-MS5	Analytical Method: SW6020
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200040

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	52.4	51.2	50	105	102	75-125	2.39	20
Arsenic	49.1	48.7	50	98	97	75-125	0.793	20
Barium	481	475	500	96	95	75-125	1.24	20
Beryllium	49.0	48.2	50	98	96	75-125	1.64	20
Cadmium	47.9	48.4	50	96	97	75-125	0.945	20
Chromium	48.0	48.0	50	96	96	75-125	0.115	20
Cobalt	49.0	48.2	50	98	96	75-125	1.55	20
Copper	48.8	48.7	50	98	97	75-125	0.0308	20
Lead	48.5	48.3	50	97	97	75-125	0.504	20
Mercury	1.18	1.24	1.25	94	99	75-125	4.63	20
Molybdenum	51.6	50.6	50	103	101	75-125	1.98	20
Nickel	48.9	48.6	50	98	97	75-125	0.644	20
Selenium	48.5	48.2	50	97	96	75-125	0.733	20
Silver	48.9	48.0	50	98	96	75-125	1.84	20
Thallium	48.9	48.2	50	98	96	75-125	1.48	20
Vanadium	48.1	48.2	50	96	96	75-125	0.264	20
Zinc	489	488	500	98	98	75-125	0.103	20
Surrogate Recovery								
Terbium	524	512	500	105	102	70-130	2.44	20



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/15/2020	BatchID: 200069
Date Analyzed: 06/16/2020	Extraction Method: SW3050B
Instrument: ICP-MS5	Analytical Method: SW6020
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200069

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.160	0.500	-	-	-
Arsenic	ND	0.150	0.500	-	-	-
Barium	ND	0.570	5.00	-	-	-
Beryllium	ND	0.0730	0.500	-	-	-
Cadmium	ND	0.0610	0.500	-	-	-
Chromium	ND	0.130	0.500	-	-	-
Cobalt	ND	0.0520	0.500	-	-	-
Copper	ND	0.180	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Mercury	ND	0.0320	0.0500	-	-	-
Molybdenum	ND	0.160	0.500	-	-	-
Nickel	ND	0.170	0.500	-	-	-
Selenium	ND	0.150	0.500	-	-	-
Silver	ND	0.120	0.500	-	-	-
Thallium	ND	0.0670	0.500	-	-	-
Vanadium	ND	0.130	0.500	-	-	-
Zinc	ND	3.00	5.00	-	-	-
Surrogate Recovery						
Terbium	512			500	103	70-130



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/15/2020	BatchID: 200069
Date Analyzed: 06/16/2020	Extraction Method: SW3050B
Instrument: ICP-MS5	Analytical Method: SW6020
Matrix: Soil	Unit: mg/kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200069

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	52.1	52.3	50	104	105	75-125	0.441	20
Arsenic	49.5	48.2	50	99	96	75-125	2.61	20
Barium	495	486	500	99	97	75-125	1.82	20
Beryllium	49.3	48.2	50	99	96	75-125	2.29	20
Cadmium	48.8	47.6	50	98	95	75-125	2.57	20
Chromium	49.3	47.7	50	99	95	75-125	3.37	20
Cobalt	49.8	48.9	50	100	98	75-125	2.02	20
Copper	49.6	48.0	50	99	96	75-125	3.36	20
Lead	49.8	49.0	50	100	98	75-125	1.51	20
Mercury	1.18	1.18	1.25	95	94	75-125	0.677	20
Molybdenum	50.6	50.7	50	101	101	75-125	0.0257	20
Nickel	49.2	47.5	50	98	95	75-125	3.55	20
Selenium	49.4	47.7	50	99	95	75-125	3.44	20
Silver	49.6	48.8	50	99	98	75-125	1.69	20
Thallium	50.1	48.9	50	100	98	75-125	2.48	20
Vanadium	49.3	47.8	50	99	96	75-125	3.09	20
Zinc	499	483	500	100	97	75-125	3.15	20
Surrogate Recovery								
Terbium	519	522	500	104	104	70-130	0.477	20



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/15/2020	BatchID: 200076
Date Analyzed: 06/15/2020 - 06/16/2020	Extraction Method: SW5035
Instrument: GC19, GC3, GC7	Analytical Method: SW8021B/8015Bm
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200076 2006697-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.101			0.1	101	75-134



Quality Control Report

Client: Langan
Date Prepared: 06/15/2020
Date Analyzed: 06/15/2020 - 06/16/2020
Instrument: GC19, GC3, GC7
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200076
Extraction Method: SW5035
Analytical Method: SW8021B/8015Bm
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-200076
 2006697-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.604	0.589	0.60	101	98	82-118	2.54	20
MTBE	0.0872	0.0873	0.10	87	87	61-119	0.149	20
Benzene	0.0985	0.0967	0.10	98	97	77-128	1.81	20
Toluene	0.102	0.0998	0.10	102	100	74-132	2.07	20
Ethylbenzene	0.0998	0.0976	0.10	100	98	84-127	2.17	20
m,p-Xylene	0.204	0.199	0.20	102	100	80-120	2.28	20
o-Xylene	0.0974	0.0951	0.10	97	95	80-120	2.39	20

Surrogate Recovery

2-Fluorotoluene	0.0917	0.0905	0.10	92	91	75-134	1.30	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	1	0.570	0.589	0.60	ND	95	98	58-129	3.13	20
MTBE	1	0.0844	0.0835	0.10	ND	67	66	47-118	1.07	20
Benzene	1	0.0972	0.0998	0.10	ND	97	100	55-129	2.68	20
Toluene	1	0.102	0.106	0.10	ND	99	103	56-130	4.08	20
Ethylbenzene	1	0.102	0.106	0.10	ND	102	106	63-129	3.12	20
m,p-Xylene	1	0.222	0.236	0.20	ND	108	115	80-120	6.07	20
o-Xylene	1	0.104	0.110	0.10	ND	102	107	80-120	5.07	20

Surrogate Recovery

2-Fluorotoluene	1	0.0937	0.0963	0.10		94	96	62-126	2.76	20
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Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/17/2020	BatchID: 200290
Date Analyzed: 06/17/2020 - 06/18/2020	Extraction Method: SW5035
Instrument: GC19, GC7	Analytical Method: SW8021B/8015Bm
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200290

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.700	1.00	-	-	-
MTBE	ND	0.00400	0.0500	-	-	-
Benzene	ND	0.00300	0.00500	-	-	-
Toluene	ND	0.00200	0.00500	-	-	-
Ethylbenzene	ND	0.00220	0.00500	-	-	-
m,p-Xylene	ND	0.00300	0.0100	-	-	-
o-Xylene	ND	0.00100	0.00500	-	-	-

Surrogate Recovery

2-Fluorotoluene	0.0952		0.1	95	75-134
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.581	0.580	0.60	97	97	82-118	0.148	20
MTBE	0.0855	0.0885	0.10	86	89	61-119	3.47	20
Benzene	0.0972	0.0971	0.10	97	97	77-128	0.117	20
Toluene	0.0991	0.0986	0.10	99	99	74-132	0.549	20
Ethylbenzene	0.101	0.100	0.10	101	100	84-127	0.819	20
m,p-Xylene	0.210	0.208	0.20	105	104	80-120	0.469	20
o-Xylene	0.102	0.101	0.10	102	101	80-120	0.703	20

Surrogate Recovery

2-Fluorotoluene	0.0948	0.0942	0.10	95	94	75-134	0.602	20
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Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/15/2020	BatchID: 200075
Date Analyzed: 06/16/2020	Extraction Method: SW3550B
Instrument: GC6A	Analytical Method: SW8015B
Matrix: Soil	Unit: mg/Kg
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200075 2006697-002AMS/MSD

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.830	1.00	-	-	-
TPH-Motor Oil (C18-C36)	ND	3.80	5.00	-	-	-
Surrogate Recovery						
C9	22.1			25	88	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	43.2	44.0	40	108	110	70-130	1.87	20
Surrogate Recovery								
C9	22.0	22.0	25	88	88	70-130	0.209	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1	52.1	54.2	40	1.533	126	132,F1	70-130	3.99	20
Surrogate Recovery										
C9	1	21.9	22.1	25		88	88	70-130	0.738	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006697

ClientCode: TWRK

- WaterTrax
 WriteOn
 EDF
 Excel
 EQulS
 Email
 HardCopy
 ThirdParty
 J-flag
 Detection Summary
 Dry-Weight

Report to:

Adam Brown
Langan
501 14th Street, 3rd Floor
Oakland, CA 94612
(415) 955-9040 FAX: (415) 955-9041

Email: abrown@langan.com
cc/3rd Party: bhayward@langan.com; Mfromstein@lang
PO:
Project: 750664801; 1666 Seventh Street

Bill to:

Accounts Payable
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
Langan_InvoiceCapture@concur.solutio

Requested TAT: 5 days;

Date Received: 06/12/2020

Date Logged: 06/12/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2006697-001	EB-2-1.5	Soil	6/11/2020 08:47	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-002	EB-2-3.0	Soil	6/11/2020 08:50	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-003	EB-2-5.0	Soil	6/11/2020 08:53	<input checked="" type="checkbox"/>										A	A		
2006697-004	EB-2-7.0	Soil	6/11/2020 08:56	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-005	EB-3-1.5	Soil	6/11/2020 09:24	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-006	EB-3-5.0	Soil	6/11/2020 09:29	<input checked="" type="checkbox"/>										A	A		
2006697-007	EB-3-3.0	Soil	6/11/2020 09:26	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-008	EB-3-7.0	Soil	6/11/2020 09:33	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-009	EB-4-1.5	Soil	6/11/2020 09:45	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-010	EB-4-3.0	Soil	6/11/2020 09:50	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-011	EB-4-5.0	Soil	6/11/2020 09:55	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-012	EB-8-1.5	Soil	6/11/2020 10:33	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-013	EB-8-3.0	Soil	6/11/2020 10:35	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-014	EB-8-5.0	Soil	6/11/2020 10:40	<input checked="" type="checkbox"/>											A	A	
2006697-015	EB-7-1.5	Soil	6/11/2020 10:09	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	

Test Legend:

1	8081pcB_ESL_LL_S	2	8141_S	3	8151_S	4	8260B_Scan-SIM_S
5	8270_SCSM_GPC_S	6	ASBEST400 (435 CARB)_S	7	CAM17MS_TTLC_S	8	G-MBTX_S
9	PRDisposal Fee	10	PRHOLD	11	TPH(DMO)_S	12	

Project Manager: Angela Rydelius

Prepared by: Agustina Venegas

The following SamplIDs: 001A, 002A, 004A, 005A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 015A, 016A, 017A, 018A, 019A contain testgroup Multi Range_S.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006697

ClientCode: TWRK

- WaterTrax
 WriteOn
 EDF
 Excel
 EQulS
 Email
 HardCopy
 ThirdParty
 J-flag
 Detection Summary
 Dry-Weight

Report to:

Adam Brown
Langan
501 14th Street, 3rd Floor
Oakland, CA 94612
(415) 955-9040 FAX: (415) 955-9041

Email: abrown@langan.com
cc/3rd Party: bhayward@langan.com; Mfromstein@lang
PO:
Project: 750664801; 1666 Seventh Street

Bill to:

Accounts Payable
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
Langan_InvoiceCapture@concur.solutio

Requested TAT: 5 days;

Date Received: 06/12/2020

Date Logged: 06/12/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2006697-016	EB-7-3.0	Soil	6/11/2020 10:12	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-017	EB-7-5.0	Soil	6/11/2020 10:17	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-018	EB-5-1.5	Soil	6/11/2020 11:12	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-019	EB-5-3.0	Soil	6/11/2020 11:15	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A		A	
2006697-020	EB-5-5.0	Soil	6/11/2020 11:20	<input checked="" type="checkbox"/>											A	A	

Test Legend:

1	8081pcB_ESL_LL_S	2	8141_S	3	8151_S	4	8260B_Scan-SIM_S
5	8270_SCSM_GPC_S	6	ASBEST400 (435 CARB)_S	7	CAM17MS_TTLC_S	8	G-MBTX_S
9	PRDisposal Fee	10	PRHOLD	11	TPH(DMO)_S	12	

Project Manager: Angela Rydelius

Prepared by: Agustina Venegas

The following SamplIDs: 001A, 002A, 004A, 005A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 015A, 016A, 017A, 018A, 019A contain testgroup Multi Range_S.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 Seventh Street

Comments:

Work Order: 2006697
QC Level: LEVEL 2
Date Logged: 6/12/2020

WaterTrax WriteOn EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006697-001A	EB-2-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 8:47	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
2006697-002A	EB-2-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 8:50	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006697-002A	EB-2-3.0	Soil	SW8081A/8082 (OC Pesticides+PCBs) ESLs	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 8:50	5 days		<input type="checkbox"/>	
2006697-004A	EB-2-7.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 8:56	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
2006697-005A	EB-3-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:24	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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Comments:

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut		
2006697-005A	EB-3-1.5	Soil	SW8270C (ON/P Pesticides)	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:24	5 days		<input type="checkbox"/>			
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days					
2006697-007A	EB-3-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:26	5 days		<input type="checkbox"/>			
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days					
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days				<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days				<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days				<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days				<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days				<input type="checkbox"/>	
2006697-008A	EB-3-7.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:33	5 days		<input type="checkbox"/>			
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days					
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days				<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days				<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days				<input type="checkbox"/>	

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006697-008A	EB-3-7.0	Soil	SW8151A (Chlorinated Herbicides)	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:33	5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
2006697-009A	EB-4-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:45	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
SW8081A/8082 (OC Pesticides+PCBs) ESLs	<input type="checkbox"/>	5 days	<input type="checkbox"/>								
2006697-010A	EB-4-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:50	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	

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Work Order: 2006697
QC Level: LEVEL 2
Date Logged: 6/12/2020

Comments:

WaterTrax WriteOn EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut			
2006697-010A	EB-4-3.0	Soil	SW8260B (VOCs, Scan- SIM)	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:50	5 days		<input type="checkbox"/>				
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
2006697-011A	EB-4-5.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 9:55	5 days		<input type="checkbox"/>				
			SW6020 (CAM 17)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>						5 days	<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
SW8081A/8082 (OC Pesticides+PCBs) ESLs	<input type="checkbox"/>	5 days	<input type="checkbox"/>											
2006697-012A	EB-8-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:33	5 days		<input type="checkbox"/>				
			SW6020 (CAM 17)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>						5 days	<input type="checkbox"/>	SubOut

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Work Order: 2006697
QC Level: LEVEL 2
Date Logged: 6/12/2020

Comments:

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut		
2006697-012A	EB-8-1.5	Soil	SW8270C (Low Level SVOCs) with GPC Cleanup	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:33	5 days		<input type="checkbox"/>			
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days					
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days					
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days					
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days					
2006697-013A	EB-8-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:35	5 days		<input type="checkbox"/>			
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days					
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days				<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days					
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days					
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days					
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days					
SW8081A/8082 (OC Pesticides+PCBs) ESLs	<input type="checkbox"/>	5 days											
2006697-015A	EB-7-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:09	5 days		<input type="checkbox"/>			
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days					

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2006697-015A	EB-7-1.5	Soil	Asbestos, 435 CARB 400 Forensics	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:09	5 days		<input type="checkbox"/>	SubOut			
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
2006697-016A	EB-7-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:12	5 days		<input type="checkbox"/>				
			SW6020 (CAM 17)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>						5 days	<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>						5 days	<input type="checkbox"/>	
2006697-017A	EB-7-5.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:17	5 days		<input type="checkbox"/>				

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Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006697-017A	EB-7-5.0	Soil	SW6020 (CAM 17)	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 10:17	5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
2006697-018A	EB-5-1.5	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 11:12	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
SW8081A/8082 (OC Pesticides+PCBs) ESLs	<input type="checkbox"/>	5 days		<input type="checkbox"/>							

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Comments:

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QC Level: LEVEL 2
Date Logged: 6/12/2020

WaterTrax WriteOn EDF Excel EQulS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006697-019A	EB-5-3.0	Soil	Multi-Range TPH	1	Acetate Liner	<input type="checkbox"/>	6/11/2020 11:15	5 days		<input type="checkbox"/>	
			SW6020 (CAM 17)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			Asbestos, 435 CARB 400 Forensics			<input type="checkbox"/>		5 days		<input type="checkbox"/>	SubOut
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8260B (VOCs, Scan- SIM)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8151A (Chlorinated Herbicides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8270C (ON/P Pesticides)			<input type="checkbox"/>		5 days		<input type="checkbox"/>	
			SW8081A/8082 (OC Pesticides+PCBs) ESLs			<input type="checkbox"/>		5 days		<input type="checkbox"/>	

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*cc: bhayward@langan.com
mfromstein@langan.com

2006697
14527

LANGAN

CHAIN OF CUSTODY RECORD

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 Seventh Street

Job Number: 750664801

Project Manager/Contact: Adam Brown abrown@langan.com

Samplers: BWH+MF

Recorder (Signature Required): _____

Turnaround Time
Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested										Silica gel clean-up	Hold	Remarks				
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	FluorTPH (gpd, msd)	VOCs (8260B)	SVOCs (8270)	OCF/PCB (808/8082)	8141A/8151A	CAM 17 (6026)	CARB 435 (asbestos)										
EB-2-1.5	6/11/20	0847		X									X	X	X	X	X	X										
EB-2-3.0		0850		X									X	X	X	X	X	X										
EB-2-5.0		0853		X									X	X	X	X	X	X										
EB-2-7.0		0856		X									X	X	X	X	X	X										
EB-3-1.5		0924		X									X	X	X	X	X	X										
EB-3-5.0		0929											X	X	X	X	X	X										
EB-3-3.0		0926		X									X	X	X	X	X	X										
EB-3-7.0		0933		X									X	X	X	X	X	X										
EB-4-1.5		0945		X									X	X	X	X	X	X										
EB-4-3.0		0950		X									X	X	X	X	X	X										
EB-4-5.0		0955		X									X	X	X	X	X	X										
EB-8-1.5		1033		X									X	X	X	X	X	X										
EB-8-3.0		1035		X									X	X	X	X	X	X										
EB-8-5.0		1040		X									X	X	X	X	X	X										

Relinquished by: (Signature) <u>Brenda Brown</u>	Date: <u>6/11/2020</u>	Time: <u>17:34</u>	Received by: (Signature) <u>JAP</u>	Date: <u>6/12/20</u>	Time: <u>1050</u>
Relinquished by: (Signature) <u>JAP</u>	Date: <u>6/12/20</u>	Time: <u>1330</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>6/12/2020</u>	Time: <u>1330</u>
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received by Lab: (Signature) _____	Date: _____	Time: _____

Sent to Laboratory (Name): _____

Laboratory Comments/Notes: _____

Method of Shipment: Lab courier Fed Ex Airborne UPS
 Hand Carried Private Courier (Co. Name)

* cc: bhayward@langan.com
mfromstein@langan.com

14526

LANGAN

CHAIN OF CUSTODY RECORD

Page 2 of 2

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 Seventh Street

Job Number: 750664801

Project Manager/Contact: Adam Brown abrown@langan.com

Samplers: BWH+MF

Recorder (Signature Required): _____

Turnaround Time
Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested						Silica gel clean-up	Hold	Remarks				
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	Full TPH (g,d,m)	VOCs (8260B)	SVOCs (8270)	OCF/PCB (8061/8062)	814A/8151A	CAM17 (6020)				CARB 435 (8160/8165)			
EB-7-1.5	6/11/2020	1009		X									X	X	X	X	X	X						
EB-7-3.0	↓	1012		X									X	X	X	X	X	X						
EB-7-5.0	↓	1017		X									X	X	X	X	X	X						
EB-5-1.5	↓	1112		X									X	X	X	X	X	X						
EB-5-3.0	↓	1115		X									X	X	X	X	X	X						
EB-5-5.0	↓	1120		X									X						X					
Relinquished by: (Signature) <u>[Signature]</u>				Date: <u>6/11/2020</u>		Time: <u>17:34</u>		Received by: (Signature) <u>[Signature]</u>				Date: <u>6/12/20</u>		Time: <u>1050</u>										
Relinquished by: (Signature) <u>[Signature]</u>				Date: <u>6/12/20</u>		Time: <u>1330</u>		Received by: (Signature) <u>[Signature]</u>				Date: <u>6/12/2020</u>		Time: <u>1530</u>										
Relinquished by: (Signature) _____				Date: _____		Time: _____		Received by Lab: (Signature) _____				Date: _____		Time: _____										
Sent to Laboratory (Name): _____								Method of Shipment																
Laboratory Comments/Notes: _____								<input type="checkbox"/> Lab courier <input type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> Hand Carried <input type="checkbox"/> Private Courier (Co. Name)																

White Copy - Original

Yellow Copy - Laboratory

Pink Copy - Field

COC Number:



Sample Receipt Checklist

Client Name: **Langan**
 Project: **750664801; 1666 Seventh Street**
 WorkOrder No: **2006697** Matrix: Soil
 Carrier: Lorenzo Perez (MAI Courier)

Date and Time Received: **6/12/2020 13:30**
 Date Logged: **6/12/2020**
 Received by: Agustina Venegas
 Logged by: Agustina Venegas

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 2.7°C	NA <input type="checkbox"/>	
Water - VOA vials have zero headspace / no bubbles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2006697 A

Report Created for: Langan

501 14th Street, 3rd Floor
Oakland, CA 94612

Project Contact: Adam Brown

Project P.O.:

Project: 750664801; 1666 Seventh Street

Project Received: 06/12/2020

Analytical Report reviewed & approved for release on 06/30/2020 by:

Jennifer Lagerbom
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 Seventh Street
WorkOrder: 2006697 A

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 Seventh Street
WorkOrder: 2006697 A

Quality Control Qualifiers

F1 MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/24/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-3.0	2006697-007A	Soil	06/11/2020 09:26	ICP-MS5 268SMPL.d	200676

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.10	1	06/26/2020 20:25

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-7-5.0	2006697-017A	Soil	06/11/2020 10:17	ICP-MS5 276SMPL.d	200676

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.10	1	06/26/2020 20:50

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/27/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	ICP-MS4 282SMPL.d	200859

Analytes	Result	RL	DF	Date Analyzed
Chromium	0.79	0.10	1	06/29/2020 23:46
Lead	25	0.10	1	06/29/2020 23:46

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/24/2020-06/27/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	ICP-MS5 1167SMPL.d	200676

Analytes	Result	RL	DF	Date Analyzed
Lead	160	0.20	2	06/29/2020 13:57

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	ICP-MS4 281SMPL.d	200861

Analytes	Result	RL	DF	Date Analyzed
Lead	8.4	0.10	1	06/29/2020 23:42

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-3.0	2006697-010A	Soil	06/11/2020 09:50	ICP-MS5 275SMPL.d	200676

Analytes	Result	RL	DF	Date Analyzed
Lead	3.6	0.10	1	06/26/2020 20:47

Analyst(s): WV



Analytical Report

Client: Langan
Date Received: 06/12/2020 13:30
Date Prepared: 06/24/2020
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
Extraction Method: SW1311/SW3010
Analytical Method: SW6020
Unit: mg/L

Metals (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-3-1.5	2006697-005A	Soil	06/11/2020 09:24	ICP-MS4 324SMPL.d	200675

Analytes	Result	RL	DF	Date Analyzed
Lead	0.69	0.10	1	06/25/2020 19:14

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-4-1.5	2006697-009A	Soil	06/11/2020 09:45	ICP-MS4 334SMPL.d	200675

Analytes	Result	RL	DF	Date Analyzed
Lead	0.10	0.10	1	06/25/2020 19:51

Analyst(s): JAG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
EB-8-1.5	2006697-012A	Soil	06/11/2020 10:33	ICP-MS4 335SMPL.d	200675

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	0.10	1	06/25/2020 19:55

Analyst(s): JAG



Quality Control Report

Client: Langan
Date Prepared: 06/24/2020
Date Analyzed: 06/26/2020 - 06/29/2020
Instrument: ICP-MS5
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200676
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L
Sample ID: MB/LCS/LCSD-200676
 2006697-005AMS/MSD

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	9.47	9.72	10	95	97	75-125	2.57	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Chromium	2	10.1	10.0	10	0.374	97	96	75-125	0.890	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Chromium	ND<1.00	0.374	-	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client:	Langan	WorkOrder:	2006697
Date Prepared:	06/27/2020	BatchID:	200859
Date Analyzed:	06/29/2020	Extraction Method:	CA Title 22
Instrument:	ICP-MS4	Analytical Method:	SW6020
Matrix:	Soil	Unit:	mg/L
Project:	750664801; 1666 Seventh Street	Sample ID:	MB/LCS/LCSD-200859

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.100	0.100	-	-	-
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	10.0	10.1	10	100	101	75-125	1.23	20
Lead	9.96	10.1	10	100	101	75-125	0.961	20



Quality Control Report

Client: Langan
Date Prepared: 06/24/2020
Date Analyzed: 06/26/2020 - 06/29/2020
Instrument: ICP-MS5
Matrix: Soil
Project: 750664801; 1666 Seventh Street

WorkOrder: 2006697
BatchID: 200676
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L
Sample ID: MB/LCS/LCSD-200676
 2006697-005AMS/MSD

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.66	9.88	10	97	99	75-125	2.34	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	2	166	172	10	159.2	69,F1	126,F1	75-125	3.34	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Lead	140	159.2	12.1	20

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/27/2020	BatchID: 200861
Date Analyzed: 06/29/2020	Extraction Method: CA Title 22
Instrument: ICP-MS4	Analytical Method: SW6020
Matrix: Soil	Unit: mg/L
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200861

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.90	9.93	10	99	99	75-125	0.331	20



Quality Control Report

Client: Langan	WorkOrder: 2006697
Date Prepared: 06/24/2020	BatchID: 200675
Date Analyzed: 06/25/2020 - 06/26/2020	Extraction Method: SW1311/SW3010
Instrument: ICP-MS4	Analytical Method: SW6020
Matrix: Soil	Unit: mg/L
Project: 750664801; 1666 Seventh Street	Sample ID: MB/LCS/LCSD-200675 2006697-005AMS/MSD

QC Summary Report for Metals (TCLP)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	9.39	10.2	10	94	102	75-125	8.02	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	10.1	10.2	10	0.6890	94	95	75-125	0.565	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Lead	0.643	0.6890	6.68	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262



CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006697 **A** ClientCode: TWRK

- WaterTrax
 WriteOn
 EDF
 Excel
 EQulS
 Email
 HardCopy
 ThirdParty
 J-flag
 Detection Summary
 Dry-Weight

Report to:
Adam Brown
Langan
501 14th Street, 3rd Floor
Oakland, CA 94612
(415) 955-9040 FAX: (415) 955-9041

Email: abrown@langan.com
cc/3rd Party: bhayward@langan.com; Mfromstein@lang
PO:
Project: 750664801; 1666 Seventh Street

Bill to:
Accounts Payable
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
Langan_InvoiceCapture@concursoft.com

Requested TAT: 5 days;

Date Received: 06/12/2020
Date Logged: 06/12/2020
Date Add-On: 06/24/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2006697-005	EB-3-1.5	Soil	6/11/2020 09:24	<input type="checkbox"/>			A	A									
2006697-007	EB-3-3.0	Soil	6/11/2020 09:26	<input type="checkbox"/>	A												
2006697-009	EB-4-1.5	Soil	6/11/2020 09:45	<input type="checkbox"/>			A	A									
2006697-010	EB-4-3.0	Soil	6/11/2020 09:50	<input type="checkbox"/>			A										
2006697-012	EB-8-1.5	Soil	6/11/2020 10:33	<input type="checkbox"/>		A		A									
2006697-017	EB-7-5.0	Soil	6/11/2020 10:17	<input type="checkbox"/>	A												

Test Legend:

1	CRMS_STLC_S	2	PBCRMS_STLC_S	3	PBMS_STLC_S	4	PBMS_TCLP_S
5		6		7		8	
9		10		11		12	

Project Manager: Angela Rydelius

Prepared by: Agustina Venegas
Add-On Prepared By: Maria Venegas

Comments: STLCs & TCLPs added 6/24/2020 STAT.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email abrown@langan.com

Project: 750664801; 1666 Seventh Street

Comments: STLCs & TCLPs added 6/24/2020 STAT.

Work Order: 2006697
QC Level: LEVEL 2
Date Logged: 6/12/2020
Date Add-On: 6/24/2020

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006697-005A	EB-3-1.5	Soil	SW6020 (Lead) (TCLP)	1	Acetate Liner	6/11/2020 9:24	5 days*		<input type="checkbox"/>	
			SW6020 (Lead) (STLC)				5 days*			
2006697-007A	EB-3-3.0	Soil	SW6020 (Chromium) (STLC)	1	Acetate Liner	6/11/2020 9:26	5 days*		<input type="checkbox"/>	
2006697-009A	EB-4-1.5	Soil	SW6020 (Lead) (TCLP)	1	Acetate Liner	6/11/2020 9:45	5 days*		<input type="checkbox"/>	
			SW6020 (Lead) (STLC)				5 days*			
2006697-010A	EB-4-3.0	Soil	SW6020 (Lead) (STLC)	1	Acetate Liner	6/11/2020 9:50	5 days*		<input type="checkbox"/>	
2006697-012A	EB-8-1.5	Soil	SW6020 (Lead) (TCLP)	1	Acetate Liner	6/11/2020 10:33	5 days*		<input type="checkbox"/>	
			SW6020 (Chromium & Lead) (STLC)				5 days*			
2006697-017A	EB-7-5.0	Soil	SW6020 (Chromium) (STLC)	1	Acetate Liner	6/11/2020 10:17	5 days*		<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

*cc: bhayward@langan.com
mfromstein@langan.com

2006697
14527

LANGAN

CHAIN OF CUSTODY RECORD

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 Seventh Street

Job Number: 750664801

Project Manager/Contact: Adam Brown abrown@langan.com

Samplers: BWH+MF

Recorder (Signature Required): _____

Turnaround
Time
Standard

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested										Silica gel clean-up	Hold	Remarks		
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	Full TPH (g/d, max)	VOCs (8260B)	SVOCs (8270)	OCF/PCB (8081/8082)	8141A/8151A	NAM 17 (6026)	CARB 435 (8385B)	STLCPb	STLCCr	TCLP Pb					
EB-2-1.5	6/11/20	0847		X									X	X	X	X	X	X	X	X	X	X	X			
EB-2-3.0		0850		X									X	X	X	X	X	X	X	X	X	X	X			
EB-2-5.0		0853		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-2-7.0		0856		X									X	X	X	X	X	X	X	X	X	X	X			
EB-3-1.5		0924		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-3-5.0		0929		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-3-3.0		0926		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-3-7.0		0933		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-4-1.5		0945		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-4-3.0		0950		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-4-5.0		0955		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-8-1.5		1033		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-8-3.0		1035		X									X	X	X	X	X	X	X	X	X	X	X	X		
EB-8-5.0		1040		X									X	X	X	X	X	X	X	X	X	X	X	X		
Relinquished by: (Signature) <u>Brent Brown</u>			Date: <u>6/11/2020</u>	Time: <u>17:34</u>	Received by: (Signature) <u>LAP</u>			Date: <u>6/12/20</u>	Time: <u>1050</u>																	
Relinquished by: (Signature) <u>LAP</u>			Date: <u>6/12/20</u>	Time: <u>1330</u>	Received by: (Signature) <u>[Signature]</u>			Date: <u>6/12/2020</u>	Time: <u>1330</u>																	
Relinquished by: (Signature) _____			Date: _____	Time: _____	Received by Lab: (Signature) _____			Date: _____	Time: _____																	
Sent to Laboratory (Name): _____					Method of Shipment					<input type="checkbox"/> Lab courier	<input type="checkbox"/> Fed Ex	<input type="checkbox"/> Airborne	<input type="checkbox"/> UPS													
Laboratory Comments/Notes: <u>Added 6/24/2020 STAT</u>					<input type="checkbox"/> Hand Carried					<input type="checkbox"/> Private Courier (Co. Name) _____																

*ES/LS Added
6/12/2020 PERAB

White Copy - Original Yellow Copy - Laboratory

Pink Copy - Field

COC Number: _____

2 FC
WFA

* cc: bhayward@langan.com
mfromstein@langan.com

14526

LANGAN

CHAIN OF CUSTODY RECORD

- 135 Main Street, Suite 1500, San Francisco, CA 94105
- 501 14th Street, Third Floor, Oakland, CA 94612
- 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
- 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 Seventh Street

Job Number: 750664801

Project Manager/Contact: Adam Brown abrown@langan.com

Samplers: BWH+MF

Recorder (Signature Required): _____

Turnaround Time <u>Standard</u>

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				Analysis Requested										Silica gel clean-up	Hold	Remarks					
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	Full TPH (g.d.m)	VOCs (8260B)	SVOCs (8270)	OCF/PCB (8081/8082)	SI-41A/8151A	CAM17 (6020)	CARB 435 (as per 105)	STC										
EB-7-1.5	6/11/2020	1009		X								X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EB-7-3.0		1012		X								X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EB-7-5.0	↓	1017		X								X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EB-5-1.5		1112		X								X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EB-5-3.0		1115		X								X	X	X	X	X	X	X	X	X	X	X	X	X	X				
EB-5-5.0	↓	1120		X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Relinquished by: (Signature)			Date:	Time	Received by: (Signature)			Date	Time																				
<u>Brown Adam</u>			6/11/2020	17:34	<u>LAP</u>			6/12/20	1050																				
Relinquished by: (Signature)			Date:	Time	Received by: (Signature)			Date	Time																				
<u>LAP</u>			6/12/20	1330	<u>CAUSTIN RYAN</u>			6/12/2020	1530																				
Relinquished by: (Signature)			Date:	Time	Received by Lab: (Signature)			Date	Time																				
_____			_____	_____	_____			_____	_____																				
Sent to Laboratory (Name): _____					Method of Shipment					<input type="checkbox"/> Lab courier <input type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> Hand Carried <input type="checkbox"/> Private Courier (Co. Name) _____																			
Laboratory Comments/Notes: _____										_____																			

White Copy - Original

Yellow Copy - Laboratory

Pink Copy - Field

COC Number: _____

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013091
Date Received: 06/17/20
Date Analyzed: 06/23/20
Date Printed: 06/23/20

Job ID/Site: 2006697 - 1666 Seventh St.

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 16

Total Samples Analyzed: 16

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

EB-2-1.5	12314387	Brown Soil
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Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-2-3.0	12314388	Brown Soil
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Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-2-7.0	12314389	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-3-1.5	12314390	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013091
Date Received: 06/17/20
Date Analyzed: 06/23/20
Date Printed: 06/23/20

Job ID/Site: 2006697 - 1666 Seventh St.

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 16
Total Samples Analyzed: 16

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

EB-3-3.0	12314391	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-3-7.0	12314392	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-4-1.5	12314393	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-4-3.0	12314394	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013091
Date Received: 06/17/20
Date Analyzed: 06/23/20
Date Printed: 06/23/20

Job ID/Site: 2006697 - 1666 Seventh St.

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 16
Total Samples Analyzed: 16

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
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EB-4-5.0	12314395	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-8-1.5	12314396	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-8-3.0	12314397	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-7-1.5	12314398	Brown Soil
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Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013091
Date Received: 06/17/20
Date Analyzed: 06/23/20
Date Printed: 06/23/20

Job ID/Site: 2006697 - 1666 Seventh St.

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 16
Total Samples Analyzed: 16

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
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EB-7-3.0	12314399	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-7-5.0	12314400	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-5-1.5	12314401	Brown Soil
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Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

EB-5-3.0	12314402	Brown Soil
-----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

McC Campbell Analytical, Inc.
Account Payable
1534 Willow Pass Rd

Pittsburg, CA 94565

Client ID: A31409
Report Number: N013091
Date Received: 06/17/20
Date Analyzed: 06/23/20
Date Printed: 06/23/20

Job ID/Site: 2006697 - 1666 Seventh St.

SGSFL Job ID: A31409

PLM Report Number: N/A

Total Samples Submitted: 16

Total Samples Analyzed: 16

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2006778

Report Created for: Langan

135 Main St, Suite 1500
San Francisco, CA 94105

Project Contact: Adam Brown

Project P.O.:

Project: 750664801; 1666 7th Street

Project Received: 06/16/2000

Analytical Report reviewed & approved for release on 06/23/2020 by:

Jennifer Lagerbom

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 7th Street
WorkOrder: 2006778

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Langan
Project: 750664801; 1666 7th Street
WorkOrder: 2006778

Analytical Qualifiers

F Sample was filtered upon arrival to the lab
J Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
a3 Sample diluted due to high organic content.

Quality Control Qualifiers

F2 LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3 The surrogate standard recovery and/or RPD is outside of acceptance limits.



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/20/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	2006778-001B	Water	06/15/2020 10:35	GC16 06192033.D	200412

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	40	1	06/20/2020 05:17
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/20/2020 05:17
Benzene	ND	0.20	1	06/20/2020 05:17
Bromobenzene	ND	0.50	1	06/20/2020 05:17
Bromochloromethane	ND	0.50	1	06/20/2020 05:17
Bromodichloromethane	ND	0.050	1	06/20/2020 05:17
Bromoform	ND	0.50	1	06/20/2020 05:17
Bromomethane	ND	0.50	1	06/20/2020 05:17
2-Butanone (MEK)	ND	5.0	1	06/20/2020 05:17
t-Butyl alcohol (TBA)	ND	5.0	1	06/20/2020 05:17
n-Butyl benzene	ND	0.50	1	06/20/2020 05:17
sec-Butyl benzene	ND	0.50	1	06/20/2020 05:17
tert-Butyl benzene	ND	0.50	1	06/20/2020 05:17
Carbon Disulfide	ND	0.50	1	06/20/2020 05:17
Carbon Tetrachloride	ND	0.050	1	06/20/2020 05:17
Chlorobenzene	ND	0.50	1	06/20/2020 05:17
Chloroethane	ND	0.50	1	06/20/2020 05:17
Chloroform	ND	0.10	1	06/20/2020 05:17
Chloromethane	ND	0.50	1	06/20/2020 05:17
2-Chlorotoluene	ND	0.50	1	06/20/2020 05:17
4-Chlorotoluene	ND	0.50	1	06/20/2020 05:17
Dibromochloromethane	ND	0.15	1	06/20/2020 05:17
1,2-Dibromo-3-chloropropane	ND	0.0050	1	06/20/2020 05:17
1,2-Dibromoethane (EDB)	ND	0.0050	1	06/20/2020 05:17
Dibromomethane	ND	0.50	1	06/20/2020 05:17
1,2-Dichlorobenzene	ND	0.50	1	06/20/2020 05:17
1,3-Dichlorobenzene	ND	0.50	1	06/20/2020 05:17
1,4-Dichlorobenzene	ND	0.50	1	06/20/2020 05:17
Dichlorodifluoromethane	ND	0.50	1	06/20/2020 05:17
1,1-Dichloroethane	ND	0.50	1	06/20/2020 05:17
1,2-Dichloroethane (1,2-DCA)	ND	0.010	1	06/20/2020 05:17
1,1-Dichloroethene	ND	0.010	1	06/20/2020 05:17
cis-1,2-Dichloroethene	ND	0.50	1	06/20/2020 05:17
trans-1,2-Dichloroethene	ND	0.50	1	06/20/2020 05:17
1,2-Dichloropropane	ND	0.20	1	06/20/2020 05:17
1,3-Dichloropropane	ND	0.50	1	06/20/2020 05:17
2,2-Dichloropropane	ND	0.50	1	06/20/2020 05:17

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/20/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	2006778-001B	Water	06/15/2020 10:35	GC16 06192033.D	200412

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/20/2020 05:17
cis-1,3-Dichloropropene	ND	0.50	1	06/20/2020 05:17
trans-1,3-Dichloropropene	ND	0.50	1	06/20/2020 05:17
Diisopropyl ether (DIPE)	ND	0.50	1	06/20/2020 05:17
Ethylbenzene	ND	0.50	1	06/20/2020 05:17
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/20/2020 05:17
Freon 113	ND	0.50	1	06/20/2020 05:17
Hexachlorobutadiene	ND	0.10	1	06/20/2020 05:17
Hexachloroethane	ND	0.20	1	06/20/2020 05:17
2-Hexanone	ND	0.50	1	06/20/2020 05:17
Isopropylbenzene	ND	0.50	1	06/20/2020 05:17
4-Isopropyl toluene	ND	0.50	1	06/20/2020 05:17
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/20/2020 05:17
Methylene chloride	ND	2.0	1	06/20/2020 05:17
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/20/2020 05:17
Naphthalene	ND	0.10	1	06/20/2020 05:17
n-Propyl benzene	ND	0.50	1	06/20/2020 05:17
Styrene	ND	2.0	1	06/20/2020 05:17
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/20/2020 05:17
1,1,2,2-Tetrachloroethane	ND	0.020	1	06/20/2020 05:17
Tetrachloroethene	ND	0.20	1	06/20/2020 05:17
Toluene	ND	0.50	1	06/20/2020 05:17
1,2,3-Trichlorobenzene	ND	0.50	1	06/20/2020 05:17
1,2,4-Trichlorobenzene	ND	0.50	1	06/20/2020 05:17
1,1,1-Trichloroethane	ND	0.50	1	06/20/2020 05:17
1,1,2-Trichloroethane	ND	0.20	1	06/20/2020 05:17
Trichloroethene	ND	0.20	1	06/20/2020 05:17
Trichlorofluoromethane	ND	0.50	1	06/20/2020 05:17
1,2,3-Trichloropropane	ND	0.0050	1	06/20/2020 05:17
1,2,4-Trimethylbenzene	ND	0.50	1	06/20/2020 05:17
1,3,5-Trimethylbenzene	ND	0.50	1	06/20/2020 05:17
Vinyl Chloride	ND	0.0050	1	06/20/2020 05:17
m,p-Xylene	ND	0.50	1	06/20/2020 05:17
o-Xylene	ND	0.50	1	06/20/2020 05:17
Xylenes, Total	ND	0.50	1	06/20/2020 05:17

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/20/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	2006778-001B	Water	06/15/2020 10:35	GC16 06192033.D	200412

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	102	78-112		06/20/2020 05:17
Toluene-d8	100	82-109		06/20/2020 05:17
4-BFB	95	63-121		06/20/2020 05:17

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/20/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002B	Water	06/15/2020 12:25	GC16 06192034.D	200412

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	40	1	06/20/2020 05:57
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/20/2020 05:57
Benzene	ND	0.20	1	06/20/2020 05:57
Bromobenzene	ND	0.50	1	06/20/2020 05:57
Bromochloromethane	ND	0.50	1	06/20/2020 05:57
Bromodichloromethane	ND	0.050	1	06/20/2020 05:57
Bromoform	ND	0.50	1	06/20/2020 05:57
Bromomethane	ND	0.50	1	06/20/2020 05:57
2-Butanone (MEK)	ND	5.0	1	06/20/2020 05:57
t-Butyl alcohol (TBA)	ND	5.0	1	06/20/2020 05:57
n-Butyl benzene	ND	0.50	1	06/20/2020 05:57
sec-Butyl benzene	ND	0.50	1	06/20/2020 05:57
tert-Butyl benzene	ND	0.50	1	06/20/2020 05:57
Carbon Disulfide	ND	0.50	1	06/20/2020 05:57
Carbon Tetrachloride	ND	0.050	1	06/20/2020 05:57
Chlorobenzene	ND	0.50	1	06/20/2020 05:57
Chloroethane	ND	0.50	1	06/20/2020 05:57
Chloroform	ND	0.10	1	06/20/2020 05:57
Chloromethane	ND	0.50	1	06/20/2020 05:57
2-Chlorotoluene	ND	0.50	1	06/20/2020 05:57
4-Chlorotoluene	ND	0.50	1	06/20/2020 05:57
Dibromochloromethane	ND	0.15	1	06/20/2020 05:57
1,2-Dibromo-3-chloropropane	ND	0.0050	1	06/20/2020 05:57
1,2-Dibromoethane (EDB)	ND	0.0050	1	06/20/2020 05:57
Dibromomethane	ND	0.50	1	06/20/2020 05:57
1,2-Dichlorobenzene	ND	0.50	1	06/20/2020 05:57
1,3-Dichlorobenzene	ND	0.50	1	06/20/2020 05:57
1,4-Dichlorobenzene	ND	0.50	1	06/20/2020 05:57
Dichlorodifluoromethane	ND	0.50	1	06/20/2020 05:57
1,1-Dichloroethane	ND	0.50	1	06/20/2020 05:57
1,2-Dichloroethane (1,2-DCA)	ND	0.010	1	06/20/2020 05:57
1,1-Dichloroethene	ND	0.010	1	06/20/2020 05:57
cis-1,2-Dichloroethene	ND	0.50	1	06/20/2020 05:57
trans-1,2-Dichloroethene	ND	0.50	1	06/20/2020 05:57
1,2-Dichloropropane	ND	0.20	1	06/20/2020 05:57
1,3-Dichloropropane	ND	0.50	1	06/20/2020 05:57
2,2-Dichloropropane	ND	0.50	1	06/20/2020 05:57

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/20/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002B	Water	06/15/2020 12:25	GC16 06192034.D	200412

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/20/2020 05:57
cis-1,3-Dichloropropene	ND	0.50	1	06/20/2020 05:57
trans-1,3-Dichloropropene	ND	0.50	1	06/20/2020 05:57
Diisopropyl ether (DIPE)	ND	0.50	1	06/20/2020 05:57
Ethylbenzene	ND	0.50	1	06/20/2020 05:57
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/20/2020 05:57
Freon 113	ND	0.50	1	06/20/2020 05:57
Hexachlorobutadiene	ND	0.10	1	06/20/2020 05:57
Hexachloroethane	ND	0.20	1	06/20/2020 05:57
2-Hexanone	ND	0.50	1	06/20/2020 05:57
Isopropylbenzene	ND	0.50	1	06/20/2020 05:57
4-Isopropyl toluene	ND	0.50	1	06/20/2020 05:57
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/20/2020 05:57
Methylene chloride	ND	2.0	1	06/20/2020 05:57
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/20/2020 05:57
Naphthalene	ND	0.10	1	06/20/2020 05:57
n-Propyl benzene	ND	0.50	1	06/20/2020 05:57
Styrene	ND	2.0	1	06/20/2020 05:57
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/20/2020 05:57
1,1,2,2-Tetrachloroethane	ND	0.020	1	06/20/2020 05:57
Tetrachloroethene	ND	0.20	1	06/20/2020 05:57
Toluene	ND	0.50	1	06/20/2020 05:57
1,2,3-Trichlorobenzene	ND	0.50	1	06/20/2020 05:57
1,2,4-Trichlorobenzene	ND	0.50	1	06/20/2020 05:57
1,1,1-Trichloroethane	ND	0.50	1	06/20/2020 05:57
1,1,2-Trichloroethane	ND	0.20	1	06/20/2020 05:57
Trichloroethene	ND	0.20	1	06/20/2020 05:57
Trichlorofluoromethane	ND	0.50	1	06/20/2020 05:57
1,2,3-Trichloropropane	ND	0.0050	1	06/20/2020 05:57
1,2,4-Trimethylbenzene	ND	0.50	1	06/20/2020 05:57
1,3,5-Trimethylbenzene	ND	0.50	1	06/20/2020 05:57
Vinyl Chloride	ND	0.0050	1	06/20/2020 05:57
m,p-Xylene	ND	0.50	1	06/20/2020 05:57
o-Xylene	ND	0.50	1	06/20/2020 05:57
Xylenes, Total	ND	0.50	1	06/20/2020 05:57

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Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/20/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002B	Water	06/15/2020 12:25	GC16 06192034.D	200412

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	104	78-112		06/20/2020 05:57
Toluene-d8	100	82-109		06/20/2020 05:57
4-BFB	94	63-121		06/20/2020 05:57

Analyst(s): KF



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/17/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-2	2006778-001C	Water	06/15/2020 10:35		GC17 06222006.D	200264
Analytes	Result	RL	DF	Date Analyzed		
Acenaphthene	ND	0.0048	1	06/22/2020 11:11		
Acenaphthylene	ND	0.0048	1	06/22/2020 11:11		
Acetochlor	ND	0.96	1	06/22/2020 11:11		
Anthracene	ND	0.0096	1	06/22/2020 11:11		
Benzidine	ND	4.8	1	06/22/2020 11:11		
Benzo (a) anthracene	ND	0.048	1	06/22/2020 11:11		
Benzo (a) pyrene	ND	0.0096	1	06/22/2020 11:11		
Benzo (b) fluoranthene	ND	0.019	1	06/22/2020 11:11		
Benzo (g,h,i) perylene	ND	0.019	1	06/22/2020 11:11		
Benzo (k) fluoranthene	ND	0.0096	1	06/22/2020 11:11		
Benzyl Alcohol	ND	4.8	1	06/22/2020 11:11		
1,1-Biphenyl	ND	0.048	1	06/22/2020 11:11		
Bis (2-chloroethoxy) Methane	ND	0.96	1	06/22/2020 11:11		
Bis (2-chloroethyl) Ether	ND	0.0096	1	06/22/2020 11:11		
Bis (2-chloroisopropyl) Ether	ND	0.048	1	06/22/2020 11:11		
Bis (2-ethylhexyl) Adipate	ND	0.96	1	06/22/2020 11:11		
Bis (2-ethylhexyl) Phthalate	ND	0.19	1	06/22/2020 11:11		
4-Bromophenyl Phenyl Ether	ND	0.96	1	06/22/2020 11:11		
Butylbenzyl Phthalate	ND	0.19	1	06/22/2020 11:11		
4-Chloroaniline	ND	0.0048	1	06/22/2020 11:11		
4-Chloro-3-methylphenol	ND	0.96	1	06/22/2020 11:11		
2-Chloronaphthalene	ND	0.96	1	06/22/2020 11:11		
2-Chlorophenol	ND	0.048	1	06/22/2020 11:11		
4-Chlorophenyl Phenyl Ether	ND	0.96	1	06/22/2020 11:11		
Chrysene	ND	0.0096	1	06/22/2020 11:11		
Dibenzo (a,h) anthracene	ND	0.0096	1	06/22/2020 11:11		
Dibenzofuran	ND	0.96	1	06/22/2020 11:11		
Di-n-butyl Phthalate	0.050	0.048	1	06/22/2020 11:11		
1,2-Dichlorobenzene	ND	1.9	1	06/22/2020 11:11		
1,3-Dichlorobenzene	ND	0.96	1	06/22/2020 11:11		
1,4-Dichlorobenzene	ND	0.96	1	06/22/2020 11:11		
3,3-Dichlorobenzidine	ND	0.019	1	06/22/2020 11:11		
2,4-Dichlorophenol	ND	0.0096	1	06/22/2020 11:11		
Diethyl Phthalate	0.081	0.048	1	06/22/2020 11:11		
2,4-Dimethylphenol	ND	0.96	1	06/22/2020 11:11		
Dimethyl Phthalate	0.012	0.0096	1	06/22/2020 11:11		
4,6-Dinitro-2-methylphenol	ND	4.8	1	06/22/2020 11:11		

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Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/17/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	2006778-001C	Water	06/15/2020 10:35	GC17 06222006.D	200264

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	1.9	1	06/22/2020 11:11
2,4-Dinitrotoluene	ND	0.048	1	06/22/2020 11:11
2,6-Dinitrotoluene	ND	0.048	1	06/22/2020 11:11
Di-n-octyl Phthalate	ND	0.048	1	06/22/2020 11:11
1,2-Diphenylhydrazine	ND	0.96	1	06/22/2020 11:11
Fluoranthene	ND	0.0096	1	06/22/2020 11:11
Fluorene	ND	0.0096	1	06/22/2020 11:11
Hexachlorobenzene	ND	0.0048	1	06/22/2020 11:11
Hexachlorobutadiene	ND	0.0096	1	06/22/2020 11:11
Hexachlorocyclopentadiene	ND	4.8	1	06/22/2020 11:11
Hexachloroethane	ND	0.048	1	06/22/2020 11:11
Indeno (1,2,3-cd) pyrene	ND	0.019	1	06/22/2020 11:11
Isophorone	ND	0.96	1	06/22/2020 11:11
2-Methylnaphthalene	ND	0.0096	1	06/22/2020 11:11
2-Methylphenol (o-Cresol)	ND	0.96	1	06/22/2020 11:11
3 & 4-Methylphenol (m,p-Cresol)	ND	0.96	1	06/22/2020 11:11
Naphthalene	ND	0.048	1	06/22/2020 11:11
2-Nitroaniline	ND	4.8	1	06/22/2020 11:11
3-Nitroaniline	ND	4.8	1	06/22/2020 11:11
4-Nitroaniline	ND	4.8	1	06/22/2020 11:11
Nitrobenzene	ND	0.96	1	06/22/2020 11:11
2-Nitrophenol	ND	4.8	1	06/22/2020 11:11
4-Nitrophenol	ND	4.8	1	06/22/2020 11:11
N-Nitrosodiphenylamine	ND	0.96	1	06/22/2020 11:11
N-Nitrosodi-n-propylamine	ND	0.96	1	06/22/2020 11:11
Pentachlorophenol	ND	0.24	1	06/22/2020 11:11
Phenanthrene	ND	0.019	1	06/22/2020 11:11
Phenol	ND	0.19	1	06/22/2020 11:11
Pyrene	ND	0.0096	1	06/22/2020 11:11
Pyridine	ND	0.96	1	06/22/2020 11:11
1,2,4-Trichlorobenzene	ND	0.96	1	06/22/2020 11:11
2,4,5-Trichlorophenol	ND	0.0096	1	06/22/2020 11:11
2,4,6-Trichlorophenol	ND	0.0096	1	06/22/2020 11:11
1-Methylnaphthalene	ND	0.0048	1	06/22/2020 11:11

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Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/17/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	2006778-001C	Water	06/15/2020 10:35	GC17 06222006.D	200264

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorophenol	45	8-130		06/22/2020 11:11
Phenol-d5	33	5-130		06/22/2020 11:11
Nitrobenzene-d5	84	20-140		06/22/2020 11:11
2-Fluorobiphenyl	76	40-140		06/22/2020 11:11
2,4,6-Tribromophenol	81	16-180		06/22/2020 11:11
4-Terphenyl-d14	84	40-170		06/22/2020 11:11

Analyst(s): HD



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/17/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002C	Water	06/15/2020 12:25	GC21 06232015.D	200264

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.024	5	06/23/2020 14:57
Acenaphthylene	ND	0.024	5	06/23/2020 14:57
Acetochlor	ND	4.9	5	06/23/2020 14:57
Anthracene	ND	0.049	5	06/23/2020 14:57
Benzidine	ND	24	5	06/23/2020 14:57
Benzo (a) anthracene	ND	0.24	5	06/23/2020 14:57
Benzo (a) pyrene	ND	0.049	5	06/23/2020 14:57
Benzo (b) fluoranthene	ND	0.098	5	06/23/2020 14:57
Benzo (g,h,i) perylene	ND	0.098	5	06/23/2020 14:57
Benzo (k) fluoranthene	ND	0.049	5	06/23/2020 14:57
Benzyl Alcohol	ND	24	5	06/23/2020 14:57
1,1-Biphenyl	ND	0.24	5	06/23/2020 14:57
Bis (2-chloroethoxy) Methane	ND	4.9	5	06/23/2020 14:57
Bis (2-chloroethyl) Ether	ND	0.049	5	06/23/2020 14:57
Bis (2-chloroisopropyl) Ether	ND	0.24	5	06/23/2020 14:57
Bis (2-ethylhexyl) Adipate	ND	4.9	5	06/23/2020 14:57
Bis (2-ethylhexyl) Phthalate	ND	0.98	5	06/23/2020 14:57
4-Bromophenyl Phenyl Ether	ND	4.9	5	06/23/2020 14:57
Butylbenzyl Phthalate	ND	0.98	5	06/23/2020 14:57
4-Chloroaniline	ND	0.024	5	06/23/2020 14:57
4-Chloro-3-methylphenol	ND	4.9	5	06/23/2020 14:57
2-Chloronaphthalene	ND	4.9	5	06/23/2020 14:57
2-Chlorophenol	ND	0.24	5	06/23/2020 14:57
4-Chlorophenyl Phenyl Ether	ND	4.9	5	06/23/2020 14:57
Chrysene	ND	0.049	5	06/23/2020 14:57
Dibenzo (a,h) anthracene	ND	0.049	5	06/23/2020 14:57
Dibenzofuran	ND	4.9	5	06/23/2020 14:57
Di-n-butyl Phthalate	ND	0.24	5	06/23/2020 14:57
1,2-Dichlorobenzene	ND	9.8	5	06/23/2020 14:57
1,3-Dichlorobenzene	ND	4.9	5	06/23/2020 14:57
1,4-Dichlorobenzene	ND	4.9	5	06/23/2020 14:57
3,3-Dichlorobenzidine	ND	0.098	5	06/23/2020 14:57
2,4-Dichlorophenol	ND	0.049	5	06/23/2020 14:57
Diethyl Phthalate	ND	0.24	5	06/23/2020 14:57
2,4-Dimethylphenol	ND	4.9	5	06/23/2020 14:57
Dimethyl Phthalate	ND	0.049	5	06/23/2020 14:57
4,6-Dinitro-2-methylphenol	ND	24	5	06/23/2020 14:57

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/17/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002C	Water	06/15/2020 12:25	GC21 06232015.D	200264

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	9.8	5	06/23/2020 14:57
2,4-Dinitrotoluene	ND	0.24	5	06/23/2020 14:57
2,6-Dinitrotoluene	ND	0.24	5	06/23/2020 14:57
Di-n-octyl Phthalate	ND	0.24	5	06/23/2020 14:57
1,2-Diphenylhydrazine	ND	4.9	5	06/23/2020 14:57
Fluoranthene	ND	0.049	5	06/23/2020 14:57
Fluorene	ND	0.049	5	06/23/2020 14:57
Hexachlorobenzene	ND	0.024	5	06/23/2020 14:57
Hexachlorobutadiene	ND	0.049	5	06/23/2020 14:57
Hexachlorocyclopentadiene	ND	24	5	06/23/2020 14:57
Hexachloroethane	ND	0.24	5	06/23/2020 14:57
Indeno (1,2,3-cd) pyrene	ND	0.098	5	06/23/2020 14:57
Isophorone	ND	4.9	5	06/23/2020 14:57
2-Methylnaphthalene	ND	0.049	5	06/23/2020 14:57
2-Methylphenol (o-Cresol)	ND	4.9	5	06/23/2020 14:57
3 & 4-Methylphenol (m,p-Cresol)	ND	4.9	5	06/23/2020 14:57
Naphthalene	ND	0.24	5	06/23/2020 14:57
2-Nitroaniline	ND	24	5	06/23/2020 14:57
3-Nitroaniline	ND	24	5	06/23/2020 14:57
4-Nitroaniline	ND	24	5	06/23/2020 14:57
Nitrobenzene	ND	4.9	5	06/23/2020 14:57
2-Nitrophenol	ND	24	5	06/23/2020 14:57
4-Nitrophenol	ND	24	5	06/23/2020 14:57
N-Nitrosodiphenylamine	ND	4.9	5	06/23/2020 14:57
N-Nitrosodi-n-propylamine	ND	4.9	5	06/23/2020 14:57
Pentachlorophenol	ND	1.2	5	06/23/2020 14:57
Phenanthrene	ND	0.098	5	06/23/2020 14:57
Phenol	ND	0.98	5	06/23/2020 14:57
Pyrene	ND	0.049	5	06/23/2020 14:57
Pyridine	ND	4.9	5	06/23/2020 14:57
1,2,4-Trichlorobenzene	ND	4.9	5	06/23/2020 14:57
2,4,5-Trichlorophenol	ND	0.049	5	06/23/2020 14:57
2,4,6-Trichlorophenol	ND	0.049	5	06/23/2020 14:57
1-Methylnaphthalene	ND	0.024	5	06/23/2020 14:57

(Cont.)



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/17/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002C	Water	06/15/2020 12:25	GC21 06232015.D	200264

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorophenol	76	8-130		06/23/2020 14:57
Phenol-d5	67	5-130		06/23/2020 14:57
Nitrobenzene-d5	109	20-140		06/23/2020 14:57
2-Fluorobiphenyl	110	40-140		06/23/2020 14:57
2,4,6-Tribromophenol	138	16-180		06/23/2020 14:57
4-Terphenyl-d14	142	40-170		06/23/2020 14:57

Analyst(s): HD

Analytical Comments: a3



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/16/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L

Dissolved CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-2	2006778-001E	Water	06/15/2020 10:35		ICP-MS5 360SMPL.d	200179
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Antimony	ND	F	0.50	1	06/17/2020 13:26	
Arsenic	1.1	F	0.50	1	06/17/2020 13:26	
Barium	33	F	5.0	1	06/17/2020 13:26	
Beryllium	ND	F	0.50	1	06/17/2020 13:26	
Cadmium	ND	F	0.25	1	06/17/2020 13:26	
Chromium	1.5	F	0.50	1	06/17/2020 13:26	
Cobalt	ND	F	0.50	1	06/17/2020 13:26	
Copper	ND	F	0.50	1	06/17/2020 13:26	
Lead	ND	F	0.50	1	06/17/2020 13:26	
Mercury	ND	F	0.050	1	06/17/2020 13:26	
Molybdenum	3.8	F	0.50	1	06/17/2020 13:26	
Nickel	4.6	F	0.50	1	06/17/2020 13:26	
Selenium	1.9	F	0.50	1	06/17/2020 13:26	
Silver	ND	F	0.19	1	06/17/2020 13:26	
Thallium	ND	F	0.50	1	06/17/2020 13:26	
Vanadium	1.4	F	0.50	1	06/17/2020 13:26	
Zinc	ND	F	15	1	06/17/2020 13:26	

Analyst(s): JAG



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/16/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L

Dissolved CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002E	Water	06/15/2020 12:25	ICP-MS5 363SMPL.d	200179

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Antimony	ND	F	0.50	1	06/17/2020 13:36
Arsenic	1.1	F	0.50	1	06/17/2020 13:36
Barium	38	F	5.0	1	06/17/2020 13:36
Beryllium	ND	F	0.50	1	06/17/2020 13:36
Cadmium	ND	F	0.25	1	06/17/2020 13:36
Chromium	ND	F	0.50	1	06/17/2020 13:36
Cobalt	ND	F	0.50	1	06/17/2020 13:36
Copper	ND	F	0.50	1	06/17/2020 13:36
Lead	ND	F	0.50	1	06/17/2020 13:36
Mercury	ND	F	0.050	1	06/17/2020 13:36
Molybdenum	0.75	F	0.50	1	06/17/2020 13:36
Nickel	2.8	F	0.50	1	06/17/2020 13:36
Selenium	ND	F	0.50	1	06/17/2020 13:36
Silver	ND	F	0.19	1	06/17/2020 13:36
Thallium	ND	F	0.50	1	06/17/2020 13:36
Vanadium	1.8	F	0.50	1	06/17/2020 13:36
Zinc	ND	F	15	1	06/17/2020 13:36

Analyst(s): JAG



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/16/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
MW-2	2006778-001D	Water	06/15/2020 10:35		ICP-MS5 329SMPL.d	200065
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50	1		06/17/2020 11:46
Arsenic	1.2		0.50	1		06/17/2020 11:46
Barium	36		5.0	1		06/17/2020 11:46
Beryllium	ND		0.50	1		06/17/2020 11:46
Cadmium	ND		0.50	1		06/17/2020 11:46
Chromium	2.3		0.50	1		06/17/2020 11:46
Cobalt	ND		0.50	1		06/17/2020 11:46
Copper	0.70		0.50	1		06/17/2020 11:46
Lead	0.52		0.50	1		06/17/2020 11:46
Mercury	ND		0.050	1		06/17/2020 11:46
Molybdenum	3.6		0.50	1		06/17/2020 11:46
Nickel	5.4		1.0	1		06/17/2020 11:46
Selenium	1.7		0.50	1		06/17/2020 11:46
Silver	ND		0.50	1		06/17/2020 11:46
Thallium	ND		0.50	1		06/17/2020 11:46
Vanadium	2.0		0.50	1		06/17/2020 11:46
Zinc	ND		20	1		06/17/2020 11:46
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
	110		70-130			06/17/2020 11:46

Analyst(s): JAG



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/16/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002D	Water	06/15/2020 12:25	ICP-MS5 375SMPL.d	200065
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Antimony	ND		0.50 1		06/17/2020 14:14
Arsenic	1.2		0.50 1		06/17/2020 14:14
Barium	40		5.0 1		06/17/2020 14:14
Beryllium	ND		0.50 1		06/17/2020 14:14
Cadmium	ND		0.50 1		06/17/2020 14:14
Chromium	0.58		0.50 1		06/17/2020 14:14
Cobalt	ND		0.50 1		06/17/2020 14:14
Copper	ND		0.50 1		06/17/2020 14:14
Lead	ND		0.50 1		06/17/2020 14:14
Mercury	ND		0.050 1		06/17/2020 14:14
Molybdenum	0.80		0.50 1		06/17/2020 14:14
Nickel	2.9		1.0 1		06/17/2020 14:14
Selenium	ND		0.50 1		06/17/2020 14:14
Silver	ND		0.50 1		06/17/2020 14:14
Thallium	ND		0.50 1		06/17/2020 14:14
Vanadium	1.9		0.50 1		06/17/2020 14:14
Zinc	ND		20 1		06/17/2020 14:14

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	107	70-130	06/17/2020 14:14

Analyst(s): JAG



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/18/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	2006778-001A	Water	06/15/2020 10:35	GC3 06172026.D	200145

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/18/2020 00:29
MTBE	---	1.0	1	06/18/2020 00:29
Benzene	---	0.50	1	06/18/2020 00:29
Toluene	---	0.50	1	06/18/2020 00:29
Ethylbenzene	---	0.50	1	06/18/2020 00:29
m,p-Xylene	---	1.0	1	06/18/2020 00:29
o-Xylene	---	0.50	1	06/18/2020 00:29
Xylenes	---	0.50	1	06/18/2020 00:29

Surrogates	REC (%)	Limits	Date Analyzed
aaa-TFT	88	76-115	06/18/2020 00:29

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002A	Water	06/15/2020 12:25	GC3 06172027.D	200145

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/18/2020 01:00
MTBE	---	1.0	1	06/18/2020 01:00
Benzene	---	0.50	1	06/18/2020 01:00
Toluene	---	0.50	1	06/18/2020 01:00
Ethylbenzene	---	0.50	1	06/18/2020 01:00
m,p-Xylene	---	1.0	1	06/18/2020 01:00
o-Xylene	---	0.50	1	06/18/2020 01:00
Xylenes	---	0.50	1	06/18/2020 01:00

Surrogates	REC (%)	Limits	Date Analyzed
aaa-TFT	87	76-115	06/18/2020 01:00

Analyst(s): IA



Analytical Report

Client: Langan
Date Received: 06/16/2000 13:15
Date Prepared: 06/16/2020
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	2006778-001A	Water	06/15/2020 10:35	GC6B 06162065.D	200154

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	06/17/2020 06:13
TPH-Motor Oil (C18-C36)	ND	250	1	06/17/2020 06:13

Surrogates	REC (%)	Limits	Date Analyzed
C9	98	70-130	06/17/2020 06:13

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	2006778-002A	Water	06/15/2020 12:25	GC39B 06172009.D	200154

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	06/17/2020 12:02
TPH-Motor Oil (C18-C36)	ND	250	1	06/17/2020 12:02

Surrogates	REC (%)	Limits	Date Analyzed
C9	104	70-130	06/17/2020 12:02

Analyst(s): JIS



Quality Control Report

Client: Langan
Date Prepared: 06/19/2020
Date Analyzed: 06/19/2020
Instrument: GC16
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200412
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-200412

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	30.0	40.0	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.120	0.500	-	-	-
Benzene	ND	0.0290	0.200	-	-	-
Bromobenzene	ND	0.120	0.500	-	-	-
Bromochloromethane	ND	0.100	0.500	-	-	-
Bromodichloromethane	ND	0.0250	0.0500	-	-	-
Bromoform	ND	0.270	0.500	-	-	-
Bromomethane	ND	0.190	0.500	-	-	-
2-Butanone (MEK)	ND	1.90	5.00	-	-	-
t-Butyl alcohol (TBA)	ND	1.70	5.00	-	-	-
n-Butyl benzene	ND	0.220	0.500	-	-	-
sec-Butyl benzene	ND	0.170	0.500	-	-	-
tert-Butyl benzene	ND	0.130	0.500	-	-	-
Carbon Disulfide	ND	0.260	0.500	-	-	-
Carbon Tetrachloride	ND	0.0280	0.0500	-	-	-
Chlorobenzene	ND	0.100	0.500	-	-	-
Chloroethane	ND	0.220	0.500	-	-	-
Chloroform	ND	0.0520	0.100	-	-	-
Chloromethane	ND	0.290	0.500	-	-	-
2-Chlorotoluene	ND	0.140	0.500	-	-	-
4-Chlorotoluene	ND	0.120	0.500	-	-	-
Dibromochloromethane	ND	0.0590	0.150	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00290	0.00500	-	-	-
1,2-Dibromoethane (EDB)	0.00473,J	0.00340	0.00500	-	-	-
Dibromomethane	ND	0.120	0.500	-	-	-
1,2-Dichlorobenzene	ND	0.140	0.500	-	-	-
1,3-Dichlorobenzene	ND	0.120	0.500	-	-	-
1,4-Dichlorobenzene	ND	0.0890	0.500	-	-	-
Dichlorodifluoromethane	ND	0.290	0.500	-	-	-
1,1-Dichloroethane	ND	0.150	0.500	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.00750	0.0100	-	-	-
1,1-Dichloroethene	ND	0.00840	0.0100	-	-	-
cis-1,2-Dichloroethene	ND	0.0930	0.500	-	-	-
trans-1,2-Dichloroethene	ND	0.110	0.500	-	-	-
1,2-Dichloropropane	ND	0.0170	0.200	-	-	-
1,3-Dichloropropane	ND	0.180	0.500	-	-	-
2,2-Dichloropropane	ND	0.230	0.500	-	-	-
1,1-Dichloropropene	ND	0.0950	0.500	-	-	-

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/19/2020
Date Analyzed: 06/19/2020
Instrument: GC16
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200412
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-200412

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.200	0.500	-	-	-
trans-1,3-Dichloropropene	ND	0.260	0.500	-	-	-
Diisopropyl ether (DIPE)	ND	0.120	0.500	-	-	-
Ethylbenzene	ND	0.130	0.500	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.200	0.500	-	-	-
Freon 113	ND	0.150	0.500	-	-	-
Hexachlorobutadiene	ND	0.0520	0.100	-	-	-
Hexachloroethane	ND	0.0580	0.200	-	-	-
2-Hexanone	ND	0.420	0.500	-	-	-
Isopropylbenzene	ND	0.160	0.500	-	-	-
4-Isopropyl toluene	ND	0.150	0.500	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.150	0.500	-	-	-
Methylene chloride	ND	1.10	2.00	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.390	0.500	-	-	-
Naphthalene	ND	0.0880	0.100	-	-	-
n-Propyl benzene	ND	0.120	0.500	-	-	-
Styrene	ND	0.340	2.00	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.140	0.500	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00830	0.0200	-	-	-
Tetrachloroethene	ND	0.170	0.200	-	-	-
Toluene	ND	0.160	0.500	-	-	-
1,2,3-Trichlorobenzene	ND	0.220	0.500	-	-	-
1,2,4-Trichlorobenzene	ND	0.200	0.500	-	-	-
1,1,1-Trichloroethane	ND	0.130	0.500	-	-	-
1,1,2-Trichloroethane	ND	0.0540	0.200	-	-	-
Trichloroethene	ND	0.0510	0.200	-	-	-
Trichlorofluoromethane	ND	0.180	0.500	-	-	-
1,2,3-Trichloropropane	ND	0.00470	0.00500	-	-	-
1,2,4-Trimethylbenzene	ND	0.180	0.500	-	-	-
1,3,5-Trimethylbenzene	ND	0.160	0.500	-	-	-
Vinyl Chloride	ND	0.00430	0.00500	-	-	-
m,p-Xylene	ND	0.240	0.500	-	-	-
o-Xylene	ND	0.120	0.500	-	-	-

(Cont.)



Quality Control Report

Client:	Langan	WorkOrder:	2006778
Date Prepared:	06/19/2020	BatchID:	200412
Date Analyzed:	06/19/2020	Extraction Method:	SW5030B
Instrument:	GC16	Analytical Method:	SW8260B
Matrix:	Water	Unit:	µg/L
Project:	750664801; 1666 7th Street	Sample ID:	MB/LCS/LCSD-200412

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	25.9			25	104	76-110
Toluene-d8	25.0			25	100	84-111
4-BFB	2.41			2.5	96	64-121



Quality Control Report

Client: Langan
Date Prepared: 06/19/2020
Date Analyzed: 06/19/2020
Instrument: GC16
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200412
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-200412

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	37.3	38.5	40	93	96	32-138	3.12	20
tert-Amyl methyl ether (TAME)	3.72	3.87	4	93	97	62-119	3.88	20
Benzene	4.20	4.31	4	105	108	71-126	2.44	20
Bromobenzene	3.42	3.56	4	86	89	66-117	3.95	20
Bromochloromethane	3.75	3.75	4	94	94	67-124	0.122	20
Bromodichloromethane	3.93	4.02	4	98	101	63-119	2.29	20
Bromoform	3.32	3.48	4	83	87	46-117	4.55	20
Bromomethane	4.45	4.43	4	111	111	32-171	0.419	20
2-Butanone (MEK)	14.9	15.5	16	93	97	48-136	4.01	20
t-Butyl alcohol (TBA)	13.6	15.0	16	85	93	40-131	9.53	20
n-Butyl benzene	4.23	4.18	4	106	104	75-125	1.27	20
sec-Butyl benzene	3.90	3.91	4	98	98	72-120	0.0998	20
tert-Butyl benzene	3.58	3.65	4	89	91	63-118	2.12	20
Carbon Disulfide	3.82	3.91	4	95	98	64-126	2.46	20
Carbon Tetrachloride	3.64	3.73	4	91	93	67-122	2.58	20
Chlorobenzene	3.86	3.85	4	97	96	71-117	0.310	20
Chloroethane	4.10	4.18	4	102	105	53-136	2.06	20
Chloroform	4.12	4.21	4	103	105	67-126	2.29	20
Chloromethane	3.86	3.81	4	96	95	42-148	1.21	20
2-Chlorotoluene	3.70	3.83	4	93	96	70-117	3.43	20
4-Chlorotoluene	3.68	3.74	4	92	93	67-117	1.59	20
Dibromochloromethane	3.87	3.77	4	97	94	52-120	2.71	20
1,2-Dibromo-3-chloropropane	1.75	1.68	2	87	84	38-128	3.69	20
1,2-Dibromoethane (EDB)	1.89	1.85	2	95	93	58-117	2.09	20
Dibromomethane	3.82	3.91	4	95	98	66-120	2.33	20
1,2-Dichlorobenzene	3.91	3.89	4	98	97	71-117	0.504	20
1,3-Dichlorobenzene	3.88	3.83	4	97	96	74-116	1.27	20
1,4-Dichlorobenzene	3.91	3.82	4	98	96	71-115	2.22	20
Dichlorodifluoromethane	2.50	2.55	4	62	64	29-145	1.89	20
1,1-Dichloroethane	3.97	4.05	4	99	101	68-128	1.93	20
1,2-Dichloroethane (1,2-DCA)	3.64	3.72	4	91	93	61-123	2.29	20
1,1-Dichloroethene	3.57	3.66	4	89	91	65-126	2.31	20
cis-1,2-Dichloroethene	3.92	4.05	4	98	101	71-122	3.16	20
trans-1,2-Dichloroethene	3.78	3.92	4	94	98	70-126	3.68	20
1,2-Dichloropropane	3.96	4.04	4	99	101	67-124	2.05	20
1,3-Dichloropropane	3.78	3.67	4	95	92	65-120	3.17	20
2,2-Dichloropropane	4.01	4.02	4	100	101	71-127	0.251	20
1,1-Dichloropropene	3.76	3.85	4	94	96	69-122	2.15	20

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/19/2020
Date Analyzed: 06/19/2020
Instrument: GC16
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200412
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS/LCSD-200412

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.93	3.83	4	98	96	63-119	2.53	20
trans-1,3-Dichloropropene	3.84	3.76	4	96	94	63-116	2.07	20
Diisopropyl ether (DIPE)	4.04	4.14	4	101	104	64-128	2.63	20
Ethylbenzene	3.77	3.85	4	94	96	69-120	2.08	20
Ethyl tert-butyl ether (ETBE)	3.88	4.00	4	97	100	63-120	3.10	20
Freon 113	3.59	3.69	4	90	92	67-126	2.96	20
Hexachlorobutadiene	3.66	3.54	4	91	88	50-140	3.38	20
Hexachloroethane	3.83	3.96	4	96	99	52-122	3.27	20
2-Hexanone	3.32	3.18	4	83	79	39-121	4.29	20
Isopropylbenzene	3.77	3.93	4	94	98	69-120	4.07	20
4-Isopropyl toluene	3.93	3.91	4	98	98	72-122	0.562	20
Methyl-t-butyl ether (MTBE)	3.68	3.78	4	92	95	60-121	2.80	20
Methylene chloride	3.74	3.81	4	93	95	40-148	2.07	20
4-Methyl-2-pentanone (MIBK)	3.26	3.30	4	81	83	48-115	1.25	20
Naphthalene	4.17	3.85	4	104	96	62-124	7.91	20
n-Propyl benzene	3.73	3.88	4	93	97	70-118	3.88	20
Styrene	3.53	3.55	4	88	89	57-118	0.636	20
1,1,1,2-Tetrachloroethane	3.67	3.70	4	92	92	63-117	0.796	20
1,1,2,2-Tetrachloroethane	3.59	3.64	4	90	91	60-116	1.41	20
Tetrachloroethene	3.70	3.57	4	92	89	60-131	3.52	20
Toluene	3.83	3.78	4	96	95	67-115	1.11	20
1,2,3-Trichlorobenzene	3.87	3.55	4	97	89	60-128	8.61	20
1,2,4-Trichlorobenzene	3.82	3.71	4	95	93	61-133	2.72	20
1,1,1-Trichloroethane	3.70	3.81	4	93	95	67-124	2.83	20
1,1,2-Trichloroethane	3.74	3.60	4	94	90	62-117	3.96	20
Trichloroethene	3.69	3.80	4	92	95	69-120	2.85	20
Trichlorofluoromethane	3.47	3.56	4	87	89	60-134	2.33	20
1,2,3-Trichloropropane	1.70	1.72	2	85	86	56-120	0.811	20
1,2,4-Trimethylbenzene	3.97	3.90	4	99	97	67-124	1.84	20
1,3,5-Trimethylbenzene	3.97	3.92	4	99	98	69-122	1.27	20
Vinyl Chloride	2.07	2.09	2	103	104	52-145	0.972	20
m,p-Xylene	7.25	7.38	8	91	92	67-119	1.82	20
o-Xylene	3.74	3.78	4	94	95	68-120	1.06	20

(Cont.)



Quality Control Report

Client: Langan	WorkOrder: 2006778
Date Prepared: 06/19/2020	BatchID: 200412
Date Analyzed: 06/19/2020	Extraction Method: SW5030B
Instrument: GC16	Analytical Method: SW8260B
Matrix: Water	Unit: µg/L
Project: 750664801; 1666 7th Street	Sample ID: MB/LCS/LCSD-200412

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	25.2	25.1	25	101	101	76-110	0.104	20
Toluene-d8	26.2	25.6	25	105	102	84-111	2.19	20
4-BFB	2.27	2.32	2.5	91	93	64-121	1.94	20



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/19/2020
Instrument: GC17
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200264
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L
Sample ID: MB/LCS/LCSD-200264

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.00200	0.00500	-	-	-
Acenaphthylene	ND	0.00120	0.00500	-	-	-
Acetochlor	ND	0.240	1.00	-	-	-
Anthracene	ND	0.00290	0.0100	-	-	-
Benzidine	ND	0.690	5.00	-	-	-
Benzo (a) anthracene	ND	0.0220	0.0500	-	-	-
Benzo (a) pyrene	ND	0.00330	0.0100	-	-	-
Benzo (b) fluoranthene	ND	0.00790	0.0200	-	-	-
Benzo (g,h,i) perylene	ND	0.00300	0.0200	-	-	-
Benzo (k) fluoranthene	ND	0.00450	0.0100	-	-	-
Benzyl Alcohol	ND	2.90	5.00	-	-	-
1,1-Biphenyl	ND	0.0130	0.0500	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.170	1.00	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00290	0.0100	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0150	0.0500	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.570	1.00	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0980	0.200	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.180	1.00	-	-	-
Butylbenzyl Phthalate	ND	0.120	0.200	-	-	-
4-Chloroaniline	ND	0.00130	0.00500	-	-	-
4-Chloro-3-methylphenol	ND	0.150	1.00	-	-	-
2-Chloronaphthalene	ND	0.190	1.00	-	-	-
2-Chlorophenol	ND	0.0110	0.0500	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.240	1.00	-	-	-
Chrysene	ND	0.00460	0.0100	-	-	-
Dibenzo (a,h) anthracene	ND	0.00450	0.0100	-	-	-
Dibenzofuran	ND	0.190	1.00	-	-	-
Di-n-butyl Phthalate	ND	0.0180	0.0500	-	-	-
1,2-Dichlorobenzene	ND	0.170	2.00	-	-	-
1,3-Dichlorobenzene	ND	0.140	1.00	-	-	-
1,4-Dichlorobenzene	ND	0.170	1.00	-	-	-
3,3-Dichlorobenzidine	ND	0.00330	0.0200	-	-	-
2,4-Dichlorophenol	ND	0.00160	0.0100	-	-	-
Diethyl Phthalate	ND	0.0170	0.0500	-	-	-
2,4-Dimethylphenol	ND	0.190	1.00	-	-	-
Dimethyl Phthalate	ND	0.00360	0.0100	-	-	-
4,6-Dinitro-2-methylphenol	ND	1.10	5.00	-	-	-
2,4-Dinitrophenol	ND	0.490	2.00	-	-	-

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/19/2020
Instrument: GC17
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200264
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L
Sample ID: MB/LCS/LCSD-200264

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrotoluene	ND	0.0140	0.0500	-	-	-
2,6-Dinitrotoluene	ND	0.0110	0.0500	-	-	-
Di-n-octyl Phthalate	ND	0.0220	0.0500	-	-	-
1,2-Diphenylhydrazine	ND	0.200	1.00	-	-	-
Fluoranthene	ND	0.00210	0.0100	-	-	-
Fluorene	ND	0.00310	0.0100	-	-	-
Hexachlorobenzene	ND	0.00200	0.00500	-	-	-
Hexachlorobutadiene	ND	0.00110	0.0100	-	-	-
Hexachlorocyclopentadiene	ND	0.560	5.00	-	-	-
Hexachloroethane	ND	0.00940	0.0500	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.00390	0.0200	-	-	-
Isophorone	ND	0.130	1.00	-	-	-
2-Methylnaphthalene	ND	0.00310	0.0100	-	-	-
2-Methylphenol (o-Cresol)	ND	0.340	1.00	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.160	1.00	-	-	-
Naphthalene	ND	0.00820	0.0500	-	-	-
2-Nitroaniline	ND	0.940	5.00	-	-	-
3-Nitroaniline	ND	1.00	5.00	-	-	-
4-Nitroaniline	ND	1.60	5.00	-	-	-
Nitrobenzene	ND	0.180	1.00	-	-	-
2-Nitrophenol	ND	0.680	5.00	-	-	-
4-Nitrophenol	ND	2.00	5.00	-	-	-
N-Nitrosodiphenylamine	ND	0.190	1.00	-	-	-
N-Nitrosodi-n-propylamine	ND	0.350	1.00	-	-	-
Pentachlorophenol	ND	0.110	0.250	-	-	-
Phenanthrene	ND	0.00280	0.0200	-	-	-
Phenol	ND	0.0540	0.200	-	-	-
Pyrene	ND	0.00220	0.0100	-	-	-
Pyridine	ND	0.160	1.00	-	-	-
1,2,4-Trichlorobenzene	ND	0.260	1.00	-	-	-
2,4,5-Trichlorophenol	ND	0.00470	0.0100	-	-	-
2,4,6-Trichlorophenol	ND	0.00260	0.0100	-	-	-
1-Methylnaphthalene	ND	0.00280	0.00500	-	-	-

(Cont.)



Quality Control Report

Client: Langan	WorkOrder: 2006778
Date Prepared: 06/17/2020	BatchID: 200264
Date Analyzed: 06/19/2020	Extraction Method: SW3640Am
Instrument: GC17	Analytical Method: SW8270C
Matrix: Water	Unit: µg/L
Project: 750664801; 1666 7th Street	Sample ID: MB/LCS/LCSD-200264

QC Summary Report for SW8270C

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	4.70			5	94	23-101
Phenol-d5	4.79			5	96	27-116
Nitrobenzene-d5	4.27			5	85	29-116
2-Fluorobiphenyl	3.96			5	79	29-112
2,4,6-Tribromophenol	6.40			5	128,F3	34-125
4-Terphenyl-d14	2.41			5	48	23-136



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/19/2020
Instrument: GC17
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200264
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L
Sample ID: MB/LCS/LCSD-200264

QC Summary Report for SW8270C

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.553	0.523	0.50	111	105	27-117	5.60	25
Acenaphthylene	0.396	0.367	0.50	79	73	18-128	7.69	25
Acetochlor	9.51	9.51	10	95	95	30-130	0.0252	25
Anthracene	0.600	0.560	0.50	120	112	31-126	7.01	25
Benzidine	38.7	35.7	50	77	71	14-115	8.11	25
Benzo (a) anthracene	0.472	0.435	0.50	94	87	27-129	8.09	25
Benzo (a) pyrene	0.492	0.457	0.50	98	91	10-161	7.36	25
Benzo (b) fluoranthene	0.441	0.404	0.50	88	81	24-140	8.57	25
Benzo (g,h,i) perylene	0.591	0.497	0.50	118	99	2-155	17.4	25
Benzo (k) fluoranthene	0.504	0.466	0.50	101	93	2-168	7.98	25
Benzyl Alcohol	53.7	54.4	50	107	109	22-114	1.27	25
1,1-Biphenyl	0.462	0.418	0.50	92	84	30-130	9.92	25
Bis (2-chloroethoxy) Methane	9.80	9.44	10	98	94	28-109	3.68	25
Bis (2-chloroethyl) Ether	0.451	0.428	0.50	90	86	24-105	5.21	25
Bis (2-chloroisopropyl) Ether	0.508	0.493	0.50	102	99	21-106	2.98	25
Bis (2-ethylhexyl) Adipate	10.6	9.78	10	106	98	13-143	8.40	25
Bis (2-ethylhexyl) Phthalate	0.541	0.507	0.50	108	101	7-156	6.46	25
4-Bromophenyl Phenyl Ether	9.70	8.84	10	97	88	31-121	9.30	25
Butylbenzyl Phthalate	0.503	0.467	10	5,F2	5,F2	20-146	7.39	25
4-Chloroaniline	0.475	0.475	0.50	95	95	15-122	0.0102	25
4-Chloro-3-methylphenol	10.1	10.8	10	101	108	29-125	6.89	25
2-Chloronaphthalene	10.2	9.00	10	102	90	27-113	12.4	25
2-Chlorophenol	0.466	0.438	0.50	93	88	24-108	6.18	25
4-Chlorophenyl Phenyl Ether	9.30	8.98	10	93	90	24-127	3.51	25
Chrysene	0.472	0.436	0.50	94	87	31-131	7.87	25
Dibenzo (a,h) anthracene	0.555	0.466	0.50	111	93	12-157	17.3	25
Dibenzofuran	9.62	9.27	10	96	93	21-124	3.72	25
Di-n-butyl Phthalate	0.468	0.453	0.50	94	91	18-147	3.25	25
1,2-Dichlorobenzene	7.77	7.10	10	78	71	22-101	8.96	25
1,3-Dichlorobenzene	7.80	6.86	10	78	69	20-99	12.8	25
1,4-Dichlorobenzene	7.90	7.07	10	79	71	21-99	11.0	25
3,3-Dichlorobenzidine	0.533	0.516	0.50	107	103	29-139	3.27	25
2,4-Dichlorophenol	0.475	0.464	0.50	95	93	28-115	2.51	25
Diethyl Phthalate	0.542	0.551	0.50	108	110	19-139	1.81	25
2,4-Dimethylphenol	10.8	10.0	10	108	100	23-108	7.20	25
Dimethyl Phthalate	0.496	0.490	0.50	99	98	22-132	1.20	25
4,6-Dinitro-2-methylphenol	48.0	46.2	50	96	92	27-129	3.77	25
2,4-Dinitrophenol	8.68	9.37	10	87	94	12-141	7.64	25

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/19/2020
Instrument: GC17
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200264
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L
Sample ID: MB/LCS/LCSD-200264

QC Summary Report for SW8270C

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.559	0.577	0.50	112	115	22-141	3.25	25
2,6-Dinitrotoluene	0.492	0.493	0.50	98	99	24-136	0.306	25
Di-n-octyl Phthalate	0.500	0.470	0.50	100	94	18-153	6.28	25
1,2-Diphenylhydrazine	11.3	10.2	10	113	102	31-121	9.63	25
Fluoranthene	0.479	0.470	0.50	96	94	30-138	1.97	25
Fluorene	0.532	0.520	0.50	106	104	24-127	2.34	25
Hexachlorobenzene	0.470	0.419	0.50	94	84	32-117	11.4	25
Hexachlorobutadiene	0.382	0.331	0.50	76	66	22-107	14.3	25
Hexachlorocyclopentadiene	37.8	31.4	50	76	63	14-102	18.5	25
Hexachloroethane	0.401	0.356	0.50	80	71	22-101	12.1	25
Indeno (1,2,3-cd) pyrene	0.526	0.468	0.50	105	94	10-160	11.7	25
Isophorone	10.8	10.7	10	108	107	27-117	0.429	25
2-Methylnaphthalene	0.390	0.376	0.50	78	75	46-120	3.80	25
2-Methylphenol (o-Cresol)	10.1	10.0	10	101	100	30-109	1.22	25
3 & 4-Methylphenol (m,p-Cresol)	10.1	10.3	10	101	103	28-112	1.98	25
Naphthalene	0.361	0.334	0.50	72	67	16-120	7.64	25
2-Nitroaniline	57.1	56.2	50	114	112	18-137	1.59	25
3-Nitroaniline	45.8	46.3	50	92	93	15-144	1.08	25
4-Nitroaniline	47.0	49.5	50	94	99	11-152	5.10	25
Nitrobenzene	10.1	9.46	10	101	95	22-115	6.93	25
2-Nitrophenol	46.3	43.3	50	93	87	29-114	6.61	25
4-Nitrophenol	51.8	54.9	50	103	110	13-150	5.94	25
N-Nitrosodiphenylamine	9.92	8.91	10	99	89	33-121	10.6	25
N-Nitrosodi-n-propylamine	11.4	11.9	10	114,F2	119,F2	26-112	4.51	25
Pentachlorophenol	2.36	2.27	2.5	94	91	37-140	3.78	25
Phenanthrene	0.480	0.447	0.50	96	89	32-122	7.08	25
Phenol	2.06	2.01	0.50	412,F2	403,F2	22-111	2.34	25
Pyrene	0.495	0.432	0.50	99	86	33-130	13.6	25
Pyridine	7.21	6.89	10	72	69	30-130	4.62	25
1,2,4-Trichlorobenzene	8.67	7.68	10	87	77	24-107	12.2	25
2,4,5-Trichlorophenol	0.518	0.483	0.50	104	97	26-124	6.82	25
2,4,6-Trichlorophenol	0.547	0.522	0.50	109	104	28-121	4.74	25
1-Methylnaphthalene	0.439	0.416	0.50	88	83	46-120	5.40	25

(Cont.)



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/19/2020
Instrument: GC17
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200264
Extraction Method: SW3640Am
Analytical Method: SW8270C
Unit: µg/L
Sample ID: MB/LCS/LCSD-200264

QC Summary Report for SW8270C

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	3.65	3.75	5	73	75	23-101	2.64	25
Phenol-d5	4.39	4.48	5	88	90	27-116	1.91	25
Nitrobenzene-d5	4.49	4.50	5	90	90	29-116	0.180	25
2-Fluorobiphenyl	4.07	3.87	5	81	77	29-112	4.89	25
2,4,6-Tribromophenol	5.61	5.53	5	112	111	34-125	1.46	25
4-Terphenyl-d14	2.96	2.62	5	59	52	23-136	12.5	25



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/17/2020
Instrument: ICP-MS5
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200179
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L
Sample ID: MB/LCS/LCSD-200179
 2006778-001EMS/MSD

QC Summary Report for Dissolved Metals

Analyte	MB Result	MDL	RL			
Antimony	ND	0.0600	0.500	-	-	-
Arsenic	ND	0.190	0.500	-	-	-
Barium	ND	1.00	5.00	-	-	-
Beryllium	ND	0.0500	0.500	-	-	-
Cadmium	ND	0.0400	0.250	-	-	-
Chromium	ND	0.140	0.500	-	-	-
Cobalt	ND	0.0500	0.500	-	-	-
Copper	ND	0.100	0.500	-	-	-
Lead	ND	0.0800	0.500	-	-	-
Mercury	ND	0.0100	0.0500	-	-	-
Molybdenum	ND	0.260	0.500	-	-	-
Nickel	ND	0.180	0.500	-	-	-
Selenium	ND	0.150	0.500	-	-	-
Silver	ND	0.0250	0.190	-	-	-
Thallium	ND	0.0260	0.500	-	-	-
Vanadium	ND	0.0600	0.500	-	-	-
Zinc	ND	5.00	15.0	-	-	-



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/17/2020
Instrument: ICP-MS5
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200179
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L
Sample ID: MB/LCS/LCSD-200179
 2006778-001EMS/MSD

QC Summary Report for Dissolved Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	51.9	51.6	50	104	103	85-115	0.514	20
Arsenic	51.0	51.0	50	102	102	85-115	0.00196	20
Barium	504	507	500	101	101	85-115	0.588	20
Beryllium	51.2	50.7	50	102	101	85-115	1.08	20
Cadmium	50.1	49.7	50	100	99	85-115	0.699	20
Chromium	50.4	49.7	50	101	99	85-115	1.41	20
Cobalt	51.4	51.5	50	103	103	85-115	0.146	20
Copper	50.2	50.2	50	100	100	85-115	0.0120	20
Lead	50.9	51.0	50	102	102	85-115	0.0569	20
Mercury	1.16	1.18	1.25	93	94	85-115	1.11	20
Molybdenum	50.4	50.6	50	101	101	85-115	0.238	20
Nickel	50.6	49.9	50	101	100	85-115	1.51	20
Selenium	51.5	51.2	50	103	102	85-115	0.514	20
Silver	51.0	50.6	50	102	101	85-115	0.789	20
Thallium	50.8	50.6	50	102	101	85-115	0.363	20
Vanadium	50.6	49.9	50	101	100	85-115	1.43	20
Zinc	517	514	500	103	103	85-115	0.528	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	57.4	53.6	50	ND	114	106	70-130	7.02	20
Arsenic	1	58.2	59.8	50	1.092	114	117	70-130	2.63	20
Barium	1	588	552	500	33.46	111	104	70-130	6.32	20
Beryllium	1	53.7	49.7	50	ND	107	99	70-130	7.75	20
Cadmium	1	52.3	53.9	50	ND	105	108	70-130	3.10	20
Chromium	1	53.9	56.0	50	1.468	105	109	70-130	3.81	20
Cobalt	1	52.2	49.2	50	ND	104	98	70-130	5.95	20
Copper	1	51.6	52.9	50	ND	103	105	70-130	2.63	20
Lead	1	55.4	51.8	50	ND	111	104	70-130	6.77	20
Mercury	1	1.26	1.35	1.25	ND	100	107	70-130	6.65	20
Molybdenum	1	59.0	55.6	50	3.796	110	104	70-130	5.96	20
Nickel	1	55.7	57.8	50	4.592	102	106	70-130	3.75	20
Selenium	1	61.6	63.6	50	1.942	119	123	70-130	3.10	20
Silver	1	52.5	49.4	50	ND	105	99	70-130	6.12	20

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Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/17/2020
Instrument: ICP-MS5
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200179
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L
Sample ID: MB/LCS/LCSD-200179
 2006778-001EMS/MSD

QC Summary Report for Dissolved Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	55.5	52.2	50	ND	111	104	70-130	6.00	20
Vanadium	1	55.1	56.9	50	1.442	107	111	70-130	3.30	20
Zinc	1	530	544	500	ND	106	109	70-130	2.57	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.50	ND	-	-
Arsenic	ND<2.50	1.092	-	-
Barium	33.0	33.46	1.37	-
Beryllium	ND<2.50	ND	-	-
Cadmium	ND<1.20	ND	-	-
Chromium	ND<2.50	1.468	-	-
Cobalt	ND<2.50	ND	-	-
Copper	ND<2.50	ND	-	-
Lead	ND<2.50	ND	-	-
Mercury	ND<0.250	ND	-	-
Molybdenum	3.60	3.796	5.16	-
Nickel	4.40	4.592	4.18	-
Selenium	ND<2.50	1.942	-	-
Silver	ND<0.950	ND	-	-
Thallium	ND<2.50	ND	-	-
Vanadium	ND<2.50	1.442	-	-
Zinc	ND<75.0	ND	-	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020
Instrument: ICP-MS4
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200065
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L
Sample ID: MB/LCS/LCSD-200065

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.200	0.500	-	-	-
Arsenic	ND	0.120	0.500	-	-	-
Barium	ND	0.360	5.00	-	-	-
Beryllium	ND	0.0560	0.500	-	-	-
Cadmium	ND	0.0600	0.500	-	-	-
Chromium	ND	0.360	0.500	-	-	-
Cobalt	ND	0.0480	0.500	-	-	-
Copper	ND	0.430	0.500	-	-	-
Lead	ND	0.320	0.500	-	-	-
Mercury	ND	0.0330	0.0500	-	-	-
Molybdenum	ND	0.210	0.500	-	-	-
Nickel	ND	0.580	1.00	-	-	-
Selenium	ND	0.180	0.500	-	-	-
Silver	ND	0.0420	0.500	-	-	-
Thallium	ND	0.0470	0.500	-	-	-
Vanadium	ND	0.0910	0.500	-	-	-
Zinc	ND	11.0	20.0	-	-	-
Surrogate Recovery						
Terbium	531			500	106	70-130



Quality Control Report

Client: Langan
Date Prepared: 06/16/2020
Date Analyzed: 06/16/2020
Instrument: ICP-MS4
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200065
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L
Sample ID: MB/LCS/LCSD-200065

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	49.5	49.8	50	99	100	85-115	0.475	20
Arsenic	53.9	53.9	50	108	108	85-115	0.0538	20
Barium	534	530	500	107	106	85-115	0.723	20
Beryllium	54.0	53.8	50	108	108	85-115	0.340	20
Cadmium	53.1	54.2	50	106	108	85-115	2.03	20
Chromium	54.3	53.8	50	109	108	85-115	0.931	20
Cobalt	54.2	53.8	50	108	108	85-115	0.567	20
Copper	55.2	55.1	50	110	110	85-115	0.134	20
Lead	52.9	54.7	50	106	109	85-115	3.29	20
Mercury	1.19	1.17	1.25	96	93	85-115	2.20	20
Molybdenum	48.3	48.6	50	97	97	85-115	0.498	20
Nickel	55.1	54.4	50	110	109	85-115	1.36	20
Selenium	56.0	56.2	50	112	112	85-115	0.412	20
Silver	51.5	52.0	50	103	104	85-115	1.09	20
Thallium	53.4	54.8	50	107	110	85-115	2.63	20
Vanadium	53.9	53.3	50	108	107	85-115	0.985	20
Zinc	549	552	500	110	110	85-115	0.643	20
Surrogate Recovery								
Terbium	531	539	500	106	108	70-130	1.63	20



Quality Control Report

Client: Langan
Date Prepared: 06/17/2020
Date Analyzed: 06/17/2020
Instrument: GC3
Matrix: Water
Project: 750664801; 1666 7th Street

WorkOrder: 2006778
BatchID: 200145
Extraction Method: SW5030B
Analytical Method: SW8021B/8015Bm
Unit: µg/L
Sample ID: MB/LCS/LCSD-200145

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	20.0	50.0	-	-	-
MTBE	ND	0.530	1.00	-	-	-
Benzene	ND	0.200	0.500	-	-	-
Toluene	ND	0.190	0.500	-	-	-
Ethylbenzene	ND	0.230	0.500	-	-	-
m,p-Xylene	ND	0.400	1.00	-	-	-
o-Xylene	ND	0.130	0.500	-	-	-

Surrogate Recovery

aaa-TFT	8.77			10	88	74-117
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	57.5	59.5	60	96	99	78-116	3.49	20
MTBE	9.29	9.64	10	93	96	72-122	3.76	20
Benzene	9.41	9.55	10	94	95	81-123	1.47	20
Toluene	9.76	10.0	10	98	100	83-129	2.55	20
Ethylbenzene	9.95	10.0	10	100	100	88-126	0.633	20
m,p-Xylene	20.0	20.2	20	100	101	80-120	1.01	20
o-Xylene	9.76	9.75	10	98	97	80-120	0.118	20

Surrogate Recovery

aaa-TFT	8.84	8.85	10	88	88	74-117	0.0787	20
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Quality Control Report

Client: Langan	WorkOrder: 2006778
Date Prepared: 06/16/2020	BatchID: 200154
Date Analyzed: 06/17/2020	Extraction Method: SW3510C
Instrument: GC6B	Analytical Method: SW8015B
Matrix: Water	Unit: µg/L
Project: 750664801; 1666 7th Street	Sample ID: MB/LCS/LCSD-200154

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	29.0	50.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	130	250	-	-	-
Surrogate Recovery						
C9	612			625	98	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1060	1060	1000	106	106	70-130	0.192	20
Surrogate Recovery								
C9	599	593	625	96	95	70-130	0.917	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2006778

ClientCode: TWRF

- WaterTrax
 WriteOn
 EDF
 Excel
 EQulS
 Email
 HardCopy
 ThirdParty
 J-flag
 Detection Summary
 Dry-Weight

Report to:
Adam Brown
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
(415) 955-5244 FAX: (415) 955-9041

Email: abrown@langan.com
cc/3rd Party: Mfromstein@langan.com; bhayward@lang
PO:
Project: 750664801; 1666 7th Street

Bill to:
Accounts Payable
Langan
135 Main St, Suite 1500
San Francisco, CA 94105
Langan_InvoiceCapture@concur.solutio

Requested TAT: 5 days;

Date Received: 06/16/2000
Date Logged: 06/16/2020

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2006778-001	MW-2	Water	6/15/2020 10:35	<input type="checkbox"/>	B	C	E	D	A	A	E	A				
2006778-002	MW-1	Water	6/15/2020 12:25	<input type="checkbox"/>	B	C	E	D	A	A	E	A				

Test Legend:

1	8260B_Scan-SIM_W	2	8270_SCSM_GPC_W	3	CAM17MS_DISS	4	CAM17MS_TTLC_W
5	G-MBTEX_W	6	PRDisposal Fee	7	PRDISSOLVED	8	TPH(DMO)_W
9		10		11		12	

Prepared by: Kena Ponce

The following SampIDs: 001A, 002A contain testgroup Multi Range_W.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: LANGAN
Client Contact: Adam Brown
Contact's Email: abrown@langan.com

Project: 750664801; 1666 7th Street

Work Order: 2006778
QC Level: LEVEL 2
Date Logged: 6/16/2020

Comments:

WaterTrax WriteOn EDF Excel EQulS Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2006778-001A	MW-2	Water	Multi-Range TPH	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	<input type="checkbox"/>	6/15/2020 10:35	5 days	Trace	<input type="checkbox"/>	
2006778-001B	MW-2	Water	SW8260B (VOCs, Scan SIM)	2	VOA w/ HCl	<input type="checkbox"/>	6/15/2020 10:35	5 days	Trace	<input type="checkbox"/>	
2006778-001C	MW-2	Water	SW8270C (Low Level SVOCs) with GPC Cleanup	1	1LA Narrow Mouth, Unpres	<input type="checkbox"/>	6/15/2020 10:35	5 days	Trace	<input type="checkbox"/>	
2006778-001D	MW-2	Water	E200.8 (CAM 17)	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	6/15/2020 10:35	5 days	Trace	<input type="checkbox"/>	
2006778-001E	MW-2	Water	E200.8 (CAM 17) (Dissolved-Lab Filtered)	1	250mL HDPE, unprsv.	<input type="checkbox"/>	6/15/2020 10:35	5 days	Trace	<input type="checkbox"/>	
2006778-002A	MW-1	Water	Multi-Range TPH	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	<input type="checkbox"/>	6/15/2020 12:25	5 days	Trace	<input type="checkbox"/>	
2006778-002B	MW-1	Water	SW8260B (VOCs, Scan SIM)	2	VOA w/ HCl	<input type="checkbox"/>	6/15/2020 12:25	5 days	Trace	<input type="checkbox"/>	
2006778-002C	MW-1	Water	SW8270C (Low Level SVOCs) with GPC Cleanup	1	1LA Narrow Mouth, Unpres	<input type="checkbox"/>	6/15/2020 12:25	5 days	Trace	<input type="checkbox"/>	
2006778-002D	MW-1	Water	E200.8 (CAM 17)	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	6/15/2020 12:25	5 days	Trace	<input type="checkbox"/>	
2006778-002E	MW-1	Water	E200.8 (CAM 17) (Dissolved-Lab Filtered)	1	250mL HDPE, unprsv.	<input type="checkbox"/>	6/15/2020 12:25	5 days	Trace	<input type="checkbox"/>	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



Sample Receipt Checklist

Client Name: **Langan**
 Project: **750664801; 1666 7th Street**

Date and Time Received: **6/16/2000 13:15**

Date Logged: **6/16/2020**

Received by: **Kena Ponce**

Logged by: **Kena Ponce**

WorkOrder No: **2006778** Matrix: Water
 Carrier: Lorenzo Perez (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 3.1°C		NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

 Comments:

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 06/23/2020

TO: MR. ADAM BROWN
135 MAIN STREET, SUITE 1500
SAN FRANCISCO CA. 94105

ACCT: 4841
PROJ: 750664801

Phone: 415-238-6149
Email: abrown@langan.com

CC: MR. BRENDAN HAYWARD
MS. MARI FROMSTEIN
Email: bhayward@langan.com
mfromstein@langan.com

FROM: Richard A. Kegel, Ph.D. *RAK*
Laboratory Director *by AB*
6/23/20

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 750664801

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SV-1	AIR	06/10/2020	12:18	197470
SV-2	AIR	06/10/2020	13:05	197471
SV-3	AIR	06/10/2020	13:41	197472
SV-4	AIR	06/10/2020	14:17	197473
DUP-1	AIR	06/10/2020	12:17	197474

The above listed sample group was received on 06/12/2020 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID: SV-1
LAB NO: 197470
SAMPLE TYPE: AIR
DATE SAMPLED: 06/10/2020
TIME SAMPLED: 12:18
BATCH ID: 061920A1
DATE ANALYZED: 06/22/2020

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		RL	SAMPLE CONC	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.280	0.495	1.38
CHLOROMETHANE	74-87-3	0.100	0.896	0.207	1.85
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.262	1.12	1.47
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	0.290	0.488	1.42
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	12.6	1.80	40.2
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	11.6	1.88	43.6
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	3.81	0.878	25.8
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.100	3.61	0.434	15.7
XYLENE (M+P)	179601-23-1	0.200	5.79	0.868	25.2
STYRENE	100-42-5	0.100	5.65	0.426	24.1
XYLENE (O)	95-47-6	0.100	3.47	0.434	15.1
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.887	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.304	0.492	1.49
1,2,4-TRIMETHYLBENZENE	95-63-6	0.100	0.819	0.492	4.02
1,3-DICHLOROBENZENE	541-73-1	0.100	ND	0.601	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.100	ND	0.742	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.150	ND	0.786	ND
XYLENE (M+P+O)	1330-20-7	0.200	9.26	0.868	40.2

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

RL - REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: 

DATE: 6/23/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID: SV-2
LAB NO: 197471
SAMPLE TYPE: AIR
DATE SAMPLED: 06/10/2020
TIME SAMPLED: 13:05
BATCH ID: 061920A1
DATE ANALYZED: 06/20/2020

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		RL	SAMPLE CONC	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.495	0.495	2.45
CHLOROMETHANE	74-87-3	0.100	ND	0.207	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.358	1.12	2.01
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	0.144	0.488	0.703
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	2.58	1.60	8.24
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	47.4	1.88	179
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	2.53	0.678	17.2
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.100	0.713	0.434	3.09
XYLENE (M+P)	179601-23-1	0.200	1.89	0.868	8.23
STYRENE	100-42-5	0.100	0.193	0.426	0.822
XYLENE (O)	95-47-6	0.100	0.664	0.434	2.88
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	ND	0.492	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.100	0.244	0.492	1.20
1,3-DICHLOROBENZENE	541-73-1	0.100	ND	0.601	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.100	ND	0.742	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.150	0.176	0.786	0.924
XYLENE (M+P+O)	1330-20-7	0.200	2.56	0.868	11.1

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

RL - REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: 

DATE: 6/23/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID: SV-3
LAB NO: 197472
SAMPLE TYPE: AIR
DATE SAMPLED: 06/10/2020
TIME SAMPLED: 13:41
BATCH ID: 061920A1
DATE ANALYZED: 06/22/2020

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		RL	SAMPLE CONC	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.447	0.495	2.21
CHLOROMETHANE	74-87-3	0.100	0.541	0.207	1.12
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.395	1.12	2.22
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	10.2	10.4	35.6
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	0.264	0.488	1.29
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	1.52	1.60	4.86
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	10.0	1.88	37.7
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	0.145	0.678	0.983
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.100	0.251	0.434	1.09
XYLENE (M+P)	179601-23-1	0.200	0.373	0.868	1.62
STYRENE	100-42-5	0.100	ND	0.426	ND
XYLENE (O)	95-47-6	0.100	0.203	0.434	0.882
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	ND	0.492	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.100	ND	0.492	ND
1,3-DICHLOROBENZENE	541-73-1	0.100	ND	0.601	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.100	ND	0.742	ND
HEXACHLOROBUTADIENE	87-66-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.150	ND	0.786	ND
XYLENE (M+P+O)	1330-20-7	0.200	0.577	0.868	2.50

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

RL - REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: 

DATE: 6/23/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID: SV-4
LAB NO: 197473
SAMPLE TYPE: AIR
DATE SAMPLED: 06/10/2020
TIME SAMPLED: 14:17
BATCH ID: 061920A1
DATE ANALYZED: 06/22/2020

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		RL	SAMPLE CONC	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.411	0.495	2.03
CHLOROMETHANE	74-87-3	0.100	2.08	0.207	4.30
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	0.167	0.0895	0.427
BROMOMETHANE	74-83-9	0.100	0.212	0.386	0.824
CHLOROETHANE	75-00-3	0.100	0.299	0.264	0.790
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.444	1.12	2.49
1,1-DICHLOROETHENE	75-35-4	0.100	0.150	0.397	0.594
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
T-1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	0.277	0.488	1.35
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	45.6	1.60	146
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	25.7	1.88	96.7
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	6.62	0.678	44.9
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.100	3.28	0.434	14.3
XYLENE (M+P)	179601-23-1	0.200	7.65	0.868	33.2
STYRENE	100-42-5	0.100	1.38	0.426	5.89
XYLENE (O)	95-47-6	0.100	3.95	0.434	17.2
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.276	0.492	1.35
1,2,4-TRIMETHYLBENZENE	95-63-6	0.100	0.530	0.492	2.61
1,3-DICHLOROBENZENE	541-73-1	0.100	ND	0.601	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.100	ND	0.742	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.150	ND	0.786	ND
XYLENE (M+P+O)	1330-20-7	0.200	11.6	0.868	50.4

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

RL - REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: 

DATE: 6/23/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

SAMPLE ID: DUP-1
LAB NO: 197474
SAMPLE TYPE: AIR
DATE SAMPLED: 06/10/2020
TIME SAMPLED: 12:17
BATCH ID: 061920A1
DATE ANALYZED: 06/23/2020

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		RL	SAMPLE CONC	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.100	0.293	0.495	1.45
CHLOROMETHANE	74-87-3	0.100	1.03	0.207	2.12
DICHLOROTETRAFLUOROETHANE	76-14-2	0.100	ND	0.699	ND
VINYL CHLORIDE	75-01-4	0.0350	ND	0.0895	ND
BROMOMETHANE	74-83-9	0.100	ND	0.388	ND
CHLOROETHANE	75-00-3	0.100	ND	0.264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.200	0.244	1.12	1.37
1,1-DICHLOROETHENE	75-35-4	0.100	ND	0.397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	3.00	ND	10.4	ND
1,1,2-DICHLOROETHENE	156-60-5	0.100	ND	0.396	ND
1,1-DICHLOROETHANE	75-34-3	0.100	ND	0.405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.100	ND	0.397	ND
CHLOROFORM	67-66-3	0.100	0.281	0.488	1.37
1,1,1-TRICHLOROETHANE	71-55-6	0.100	ND	0.546	ND
1,2-DICHLOROETHANE	107-06-2	0.100	ND	0.405	ND
BENZENE	71-43-2	0.500	12.8	1.60	41.1
CARBON TETRACHLORIDE	56-23-5	0.100	ND	0.629	ND
1,2-DICHLOROPROPANE	78-87-5	0.100	ND	0.462	ND
TRICHLOROETHENE	79-01-6	0.100	ND	0.537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.100	ND	0.454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.100	ND	0.454	ND
TOLUENE	108-88-3	0.500	10.9	1.88	41.2
1,1,2-TRICHLOROETHANE	79-00-5	0.100	ND	0.546	ND
1,2-DIBROMOETHANE	106-93-4	0.100	ND	0.768	ND
TETRACHLOROETHENE	127-18-4	0.100	3.55	0.678	24.1
CHLOROBENZENE	108-90-7	0.100	ND	0.460	ND
ETHYLBENZENE	100-41-4	0.100	3.45	0.434	15.0
XYLENE (M+P)	179601-23-1	0.200	5.56	0.868	24.2
STYRENE	100-42-5	0.100	5.32	0.426	22.7
XYLENE (O)	95-47-6	0.100	3.31	0.434	14.4
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.100	ND	0.887	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.100	0.429	0.492	2.11
1,2,4-TRIMETHYLBENZENE	95-63-6	0.100	0.841	0.492	4.13
1,3-DICHLOROBENZENE	541-73-1	0.100	ND	0.601	ND
1,4-DICHLOROBENZENE	106-46-7	0.100	ND	0.601	ND
1,2-DICHLOROBENZENE	95-50-1	0.100	ND	0.601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.100	ND	0.742	ND
HEXACHLOROBUTADIENE	87-68-3	0.100	ND	1.07	ND
NAPHTHALENE	91-20-3	0.150	ND	0.786	ND
XYLENE (M+P+O)	1330-20-7	0.200	8.87	0.868	38.5

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

RL - REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: 

DATE: 6/23/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801


METHOD: OXYGEN
REFERENCE: ASTM D 1946

SAMPLE TYPE: AIR
UNITS: %-V

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH NO	DATE ANALYZED	MRL	SAMPLE CONC
SV-1	197470	06/10/2020	12:18	061520A2	06/15/2020	1.00	18.1
SV-2	197471	06/10/2020	13:05	061520A2	06/15/2020	1.00	18.9
SV-3	197472	06/10/2020	13:41	061520A2	06/15/2020	1.00	16.4
SV-4	197473	06/10/2020	14:17	061520A2	06/15/2020	1.00	16.1
DUP-1	197474	06/10/2020	12:17	061520A2	06/15/2020	1.00	17.2

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: 
DATE: 6/15/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: CARBON DIOXIDE
REFERENCE: ASTM D 1946

SAMPLE TYPE: AIR
UNITS: %-V

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH NO	DATE ANALYZED	MRL	SAMPLE CONC
SV-1	197470	06/10/2020	12:18	061520A4	06/15/2020	0.100	1.68
SV-2	197471	06/10/2020	13:05	061520A4	06/15/2020	0.100	0.693
SV-3	197472	06/10/2020	13:41	061520A4	06/15/2020	0.100	4.74
SV-4	197473	06/10/2020	14:17	061520A4	06/15/2020	0.100	0.195
DUP-1	197474	06/10/2020	12:17	061520A4	06/15/2020	0.100	1.73

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

MRL - METHOD REPORTING LIMIT

APPROVED BY: _____

DATE: 6/22/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: METHANE
REFERENCE: EPA METHOD 18

SAMPLE TYPE: AIR
UNITS: PPMV

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV-1	197470	06/10/2020	12:18	061520A1	06/15/2020	10.0	ND
SV-2	197471	06/10/2020	13:05	061520A1	06/15/2020	10.0	ND
SV-3	197472	06/10/2020	13:41	061520A1	06/15/2020	10.0	ND
SV-4	197473	06/10/2020	14:17	061520A1	06/15/2020	10.0	101
DUP-1	197474	06/10/2020	12:17	061520A1	06/15/2020	10.0	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: _____

DATE: 6/5/20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 4841
CLIENT PROJECT: 750664801

METHOD: HELIUM
REFERENCE: ASTM D 1946

SAMPLE TYPE: AIR
UNITS: %-V

SAMPLE ID	LAB NO	BATCH NO	DATE SAMPLED	TIME SAMPLED	DATE ANALYZED	MRL	SAMPLE CONC
SV-1	197470	061120A1	06/10/2020	12:18	06/12/2020	0.100	ND
SV-2	197471	061120A1	06/10/2020	13:05	06/12/2020	0.100	ND
SV-3	197472	061120A1	06/10/2020	13:41	06/12/2020	0.100	ND
SV-4	197473	061120A1	06/10/2020	14:17	06/12/2020	0.100	ND
DUP-1	197474	061120A1	06/10/2020	12:17	06/12/2020	0.100	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: 
DATE: 6/12/20

K PRIME, INC.
LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B061920A1
SAMPLE TYPE: AIR

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

BATCH ID: 061920A1
DATE ANALYZED: 06/19/2020

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		RL	SAMPLE CONC	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.0100	ND	0.0495	ND
CHLOROMETHANE	74-87-3	0.0100	ND	0.0207	ND
DICHLOROTETRAFLUROETHANE	76-14-2	0.0100	ND	0.0699	ND
VINYL CHLORIDE	75-01-4	0.00350	ND	0.00895	ND
BROMOMETHANE	74-83-9	0.0100	ND	0.0388	ND
CHLOROETHANE	75-00-3	0.0100	ND	0.0264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.0200	ND	0.112	ND
1,1-DICHLOROETHENE	75-35-4	0.0100	ND	0.0397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.0500	ND	0.383	ND
METHYLENE CHLORIDE	75-09-2	0.300	ND	1.04	ND
T-1,2-DICHLOROETHENE	156-60-5	0.0100	ND	0.0396	ND
1,1-DICHLOROETHANE	75-34-3	0.0100	ND	0.0405	ND
C-1,2-DICHLOROETHENE	156-59-2	0.0100	ND	0.0397	ND
CHLOROFORM	67-66-3	0.0100	ND	0.0488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.0100	ND	0.0546	ND
1,2-DICHLOROETHANE	107-06-2	0.0100	ND	0.0405	ND
BENZENE	71-43-2	0.0500	ND	0.180	ND
CARBON TETRACHLORIDE	56-23-5	0.0100	ND	0.0629	ND
1,2-DICHLOROPROPANE	78-67-5	0.0100	ND	0.0462	ND
TRICHLOROETHENE	79-01-6	0.0100	ND	0.0537	ND
C-1,3-DICHLOROPROPENE	10061-01-5	0.0100	ND	0.0454	ND
T-1,3-DICHLOROPROPENE	10061-02-6	0.0100	ND	0.0454	ND
TOLUENE	108-88-3	0.0500	ND	0.188	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.0100	ND	0.0546	ND
1,2-DIBROMOETHANE	106-93-4	0.0100	ND	0.0768	ND
TETRACHLOROETHENE	127-18-4	0.0100	ND	0.0678	ND
CHLOROBENZENE	108-90-7	0.0100	ND	0.0480	ND
ETHYLBENZENE	100-41-4	0.0100	ND	0.0434	ND
XYLENE (M+P)	179601-23-1	0.0200	ND	0.0868	ND
STYRENE	100-42-5	0.0100	ND	0.0426	ND
XYLENE (O)	95-47-6	0.0100	ND	0.0434	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.0100	ND	0.0687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.0100	ND	0.0492	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.0100	ND	0.0492	ND
1,3-DICHLOROBENZENE	541-73-1	0.0100	ND	0.0601	ND
1,4-DICHLOROBENZENE	106-46-7	0.0100	ND	0.0601	ND
1,2-DICHLOROBENZENE	95-50-1	0.0100	ND	0.0601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.0100	ND	0.0742	ND
HEXACHLOROBUTADIENE	87-68-3	0.0100	ND	0.107	ND
NAPHTHALENE	91-20-3	0.0150	ND	0.0786	ND
XYLENE (M+P+O)	1330-20-7	0.0200	ND	0.0868	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L061920A1
LAB CONTROL DUPLICATE ID: D061920A1

SAMPLE TYPE: AIR
BATCH ID: 061920A1
DATE ANALYZED: 06/19/2020

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SIM)

COMPOUND NAME	SPIKE ADDED (PPB)	REPORTING LIMIT (PPB)	SAMPLE CONC (PPB)	SPIKE CONC (PPB)	SPIKE REC (%)	REC LIMITS (%)
1,1-DICHLOROETHENE	0.500	0.010	ND	0.615	123	60 - 140
BENZENE	0.500	0.050	ND	0.615	123	60 - 140
TRICHLOROETHENE	0.500	0.010	ND	0.490	98	60 - 140
TOLUENE	0.500	0.050	ND	0.508	102	60 - 140
TETRACHLOROETHENE	0.500	0.010	ND	0.442	88	60 - 140

COMPOUND NAME	SPIKE ADDED (PPB)	SPIKE DUP CONC (PPB)	SPIKE DUP REC (%)	RPD (%)	QC LIMITS RPD (%)	REC (%)
1,1-DICHLOROETHENE	0.500	0.609	122	1.0	25	60 - 140
BENZENE	0.500	0.605	121	1.6	25	60 - 140
TRICHLOROETHENE	0.500	0.487	97	0.8	25	60 - 140
TOLUENE	0.500	0.499	100	1.8	25	60 - 140
TETRACHLOROETHENE	0.500	0.434	87	1.7	25	60 - 140

NOTES:
 NA - NOT APPLICABLE OR AVAILABLE
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B061520A2
SPIKE ID: L061520A2
DUPLICATE ID: D061520A2
BATCH NO: 061520A2
DATE ANALYZED: 06/15/2020

METHOD: OXYGEN
REFERENCE: ASTM D 1946

SAMPLE TYPE: AIR
UNITS: %-V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE RESULT
OXYGEN	0.500	ND

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
OXYGEN	10.0	ND	9.61	96	85-115

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
OXYGEN	0.500	9.61	10.5	8.5	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B061520A4
SPIKE ID: L061520A4
DUPLICATE ID: D061520A4
BATCH NO: 061520A4
DATE ANALYZED: 06/15/2020

METHOD: CARBON DIOXIDE
REFERENCE: ASTM D 1946

SAMPLE TYPE: AIR
UNITS: %-V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE RESULT
CARBON DIOXIDE	0.100	ND

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
CARBON DIOXIDE	1.00	ND	1.09	109	70-130

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
CARBON DIOXIDE	0.100	1.09	1.05	3.1	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B061520A1
LAB CONTROL SAMPLE ID: L061520A1
LAB CONTROL DUPLICATE ID: D061520A1
BATCH ID: 061520A1

METHOD: METHANE
REFERENCE: EPA METHOD 18

SAMPLE TYPE: AIR
UNITS: PPM -V/V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
METHANE	10.0	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUND NAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
METHANE	1000	1100	110	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUND NAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
METHANE	1100	1110	0.9	±30

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B061120A1
SPIKE ID: L061120A1
DUPLICATE ID: D061120A1
BATCH NO: 061120A1
DATE ANALYZED: 06/11/2020

METHOD: HELIUM
REFERENCE: ASTM D 1946

SAMPLE TYPE: AIR
UNITS: %-V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE RESULT
HELIUM	0.100	ND

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
HELIUM	10.0	ND	8.59	86	70-130

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
HELIUM	0.100	8.59	8.83	2.8	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

CHAIN OF CUSTODY RECORD

135 Main Street, Suite 1500, San Francisco, CA 94105
 501 14th Street, Third Floor, Oakland, CA 94612
 3320 Data Drive, Suite 350, Rancho Cordova, CA 95670-7982
 1 Almaden Boulevard, Suite 590, San Jose, CA 95113

Site Name: 1666 7th St Oakland, CA
 Job Number: 75061481
 Project Manager/Contact: Adam Brown
 Samplers: BH+MF
 Recorder (Signature Required): _____

blayton@langan.com
mfromstein@langan.com
adam.brown@langan.com

4841

Turnaround Time
* Std. _____

Field Sample Identification No.	Date	Time	Lab Sample No.	No. Containers & Preservative							Analysis Requested	Hold	Remarks	
				Soil	Water	Air	Other	HCL	H ₂ SO ₄	HNO ₃				Ice
SN-1	6/10/20	12:18	197470		X								GC	Alto
SN-2			197471		X								5214	743
SN-3			197472		X								5938	733
SN-4			197473		X								5430	724
DUP-1		12:17	197474		X								5205	669
													5434	746
														* Methane, CO ₂ , O ₂
														per Adam Brown 8/6/20
Relinquished by: (Signature)														
Date: <u>8/12/20</u>														
Time: <u>11:20</u>														
Relinquished by: (Signature)														
Date: <u>8/12/20</u>														
Time: <u>13:10</u>														
Relinquished by: (Signature)														
Date: _____														
Time: _____														

Received by: (Signature) _____ Date: 8/12/20 Time: 11:20
 Received by: (Signature) _____ Date: 8/12/20 Time: 13:10
 Received by Lab: (Signature) _____ Date: _____ Time: _____

Method of Shipment: Lab courier Fed Ex Airborne UPS
 Hand Carried Private Courier (Co. Name)

Sent to Laboratory (Name): _____
 Laboratory Comments/Notes: _____